

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017153.D
 Acq On : 31 Jan 2024 11:58
 Operator : SY/MD
 Sample : VY0131SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBSD01

Quant Time: Jan 31 22:57:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	96760	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	166915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.507	117	144405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	65809	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	54955	58.293	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.580%	
35) Dibromofluoromethane	7.740	113	56185	55.772	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.540%	
50) Toluene-d8	10.197	98	209793	55.136	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.280%	
62) 4-Bromofluorobenzene	12.495	95	66470	56.708	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	18966	24.195	ug/l	97
3) Chloromethane	2.125	50	28438	20.449	ug/l	97
4) Vinyl Chloride	2.259	62	35261	22.708	ug/l	98
5) Bromomethane	2.661	94	27239	24.235	ug/l	93
6) Chloroethane	2.808	64	24101	24.365	ug/l	96
7) Trichlorofluoromethane	3.143	101	38688	22.338	ug/l	94
8) Diethyl Ether	3.545	74	11846	21.249	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.923	101	23404	21.625	ug/l	98
10) Methyl Iodide	4.119	142	19014	18.493	ug/l	99
11) Tert butyl alcohol	4.972	59	10402	145.165	ug/l	98
12) 1,1-Dichloroethene	3.893	96	19921	20.108	ug/l	96
13) Acrolein	3.747	56	12087	106.905	ug/l	100
14) Allyl chloride	4.503	41	31551	21.070	ug/l	96
15) Acrylonitrile	5.191	53	29153	120.489	ug/l	98
16) Acetone	3.966	43	41716	149.778	ug/l	95
17) Carbon Disulfide	4.216	76	45993	15.403	ug/l	97
18) Methyl Acetate	4.503	43	22255	23.012	ug/l	99
19) Methyl tert-butyl Ether	5.252	73	56234	23.260	ug/l	97
20) Methylene Chloride	4.740	84	27962	23.448	ug/l	97
21) trans-1,2-Dichloroethene	5.252	96	23640	20.629	ug/l	92
22) Diisopropyl ether	6.143	45	77600	23.477	ug/l	100
23) Vinyl Acetate	6.088	43	186404	116.257	ug/l	98
24) 1,1-Dichloroethane	6.045	63	45392	22.515	ug/l	98
25) 2-Butanone	7.008	43	50555	135.773	ug/l	98
26) 2,2-Dichloropropane	7.008	77	37935	22.030	ug/l	98
27) cis-1,2-Dichloroethene	7.008	96	27637	21.763	ug/l	96
28) Bromochloromethane	7.356	49	18126	22.583	ug/l	98
29) Tetrahydrofuran	7.374	42	23576	123.328	ug/l	98
30) Chloroform	7.526	83	47963	23.363	ug/l	99
31) Cyclohexane	7.807	56	34885	18.901	ug/l	96
32) 1,1,1-Trichloroethane	7.728	97	39688	22.545	ug/l	99
36) 1,1-Dichloropropene	7.941	75	33719	20.343	ug/l	99
37) Ethyl Acetate	7.100	43	18146	25.461	ug/l	99
38) Carbon Tetrachloride	7.929	117	34154	21.027	ug/l	97
39) Methylcyclohexane	9.203	83	36260	18.188	ug/l	98
40) Benzene	8.185	78	102020	21.194	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017153.D
 Acq On : 31 Jan 2024 11:58
 Operator : SY/MD
 Sample : VY0131SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBSD01

Quant Time: Jan 31 22:57:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.368	41	22558	59.181	ug/l #	46
42) 1,2-Dichloroethane	8.258	62	28600	22.918	ug/l	98
43) Isopropyl Acetate	8.295	43	30729	23.096	ug/l	99
44) Trichloroethene	8.959	130	26203	21.224	ug/l	97
45) 1,2-Dichloropropane	9.233	63	26774	22.661	ug/l	99
46) Dibromomethane	9.325	93	14055	22.400	ug/l	97
47) Bromodichloromethane	9.514	83	36780	23.041	ug/l	96
48) Methyl methacrylate	9.307	41	16386	22.181	ug/l	92
49) 1,4-Dioxane	9.313	88	3059	495.696	ug/l	96
51) 4-Methyl-2-Pentanone	10.087	43	85859	121.311	ug/l	99
52) Toluene	10.264	92	63091	21.655	ug/l	99
53) t-1,3-Dichloropropene	10.483	75	31959	21.916	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	39310	21.918	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	20248	23.089	ug/l	96
56) Ethyl methacrylate	10.526	69	17406	22.697	ug/l	97
57) 1,3-Dichloropropane	10.806	76	33939	22.891	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.800	63	65632	123.292	ug/l	98
59) 2-Hexanone	10.849	43	70224	130.055	ug/l	99
60) Dibromochloromethane	11.001	129	23586	23.150	ug/l	97
61) 1,2-Dibromoethane	11.105	107	17906	22.476	ug/l	99
64) Tetrachloroethene	10.739	164	20793	20.658	ug/l	96
65) Chlorobenzene	11.532	112	66411	21.702	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	24839	22.222	ug/l	100
67) Ethyl Benzene	11.611	91	117887	21.191	ug/l	100
68) m/p-Xylenes	11.715	106	91129	43.600	ug/l	97
69) o-Xylene	12.044	106	40692	21.433	ug/l	98
70) Styrene	12.056	104	61347	22.257	ug/l	100
71) Bromoform	12.221	173	12525	22.347	ug/l #	97
73) Isopropylbenzene	12.343	105	113365	20.955	ug/l	99
74) N-amyl acetate	12.154	43	24809	22.751	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	23472	22.753	ug/l	98
76) 1,2,3-Trichloropropane	12.641	75	27794	34.795	ug/l #	100
77) Bromobenzene	12.623	156	24897	21.268	ug/l	99
78) n-propylbenzene	12.684	91	140229	21.550	ug/l	100
79) 2-Chlorotoluene	12.769	91	77170	21.612	ug/l	100
80) 1,3,5-Trimethylbenzene	12.824	105	91902	21.464	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.391	75	6423	20.817	ug/l	96
82) 4-Chlorotoluene	12.867	91	79759	21.552	ug/l	100
83) tert-Butylbenzene	13.086	119	78929	21.312	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	90590	21.287	ug/l	99
85) sec-Butylbenzene	13.263	105	117700	21.463	ug/l	100
86) p-Isopropyltoluene	13.379	119	96540	21.134	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	48711	21.076	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	48414	21.290	ug/l	98
89) n-Butylbenzene	13.708	91	93841	21.298	ug/l	98
90) Hexachloroethane	13.970	117	20896	21.947	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	43300	21.938	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3064	23.255	ug/l	94
93) 1,2,4-Trichlorobenzene	15.019	180	21363	20.712	ug/l	97
94) Hexachlorobutadiene	15.123	225	12899	20.780	ug/l	98
95) Naphthalene	15.245	128	37823	20.763	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	18199	21.209	ug/l	98

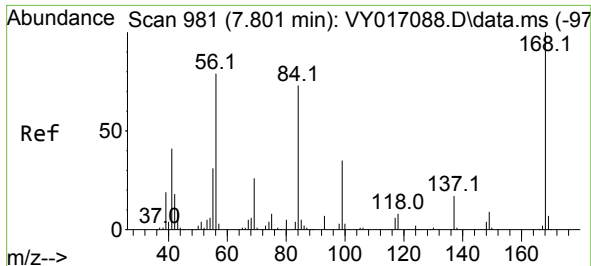
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
Data File : VY017153.D
Acq On : 31 Jan 2024 11:58
Operator : SY/MD
Sample : VY0131SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

Quant Time: Jan 31 22:57:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 2024
Response via : Initial Calibration

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

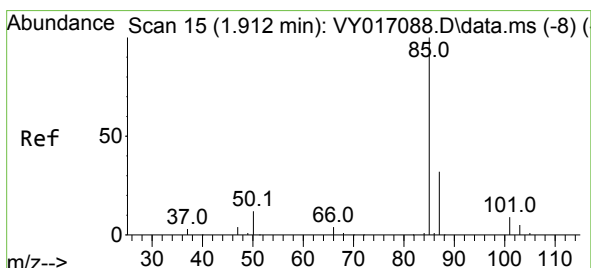
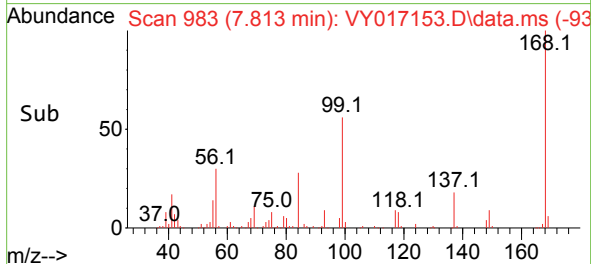
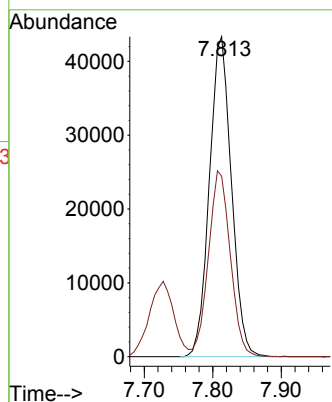
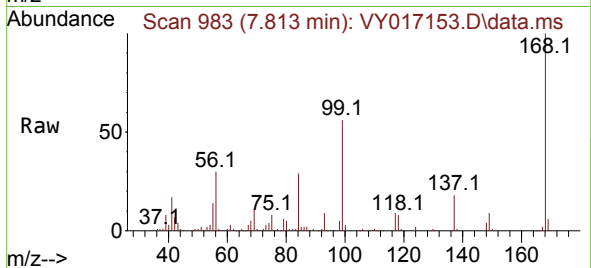
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 99
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

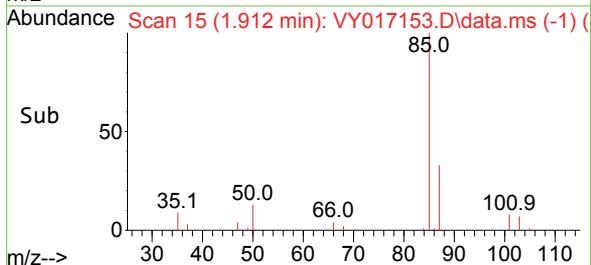
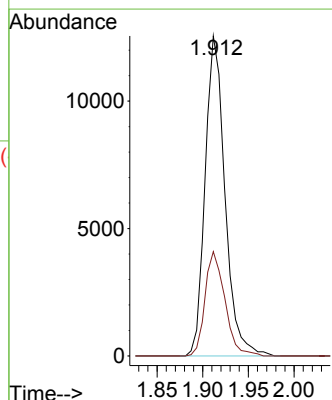
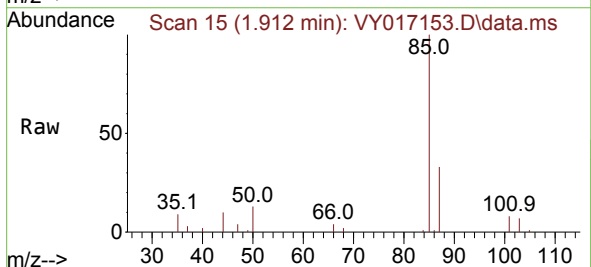
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

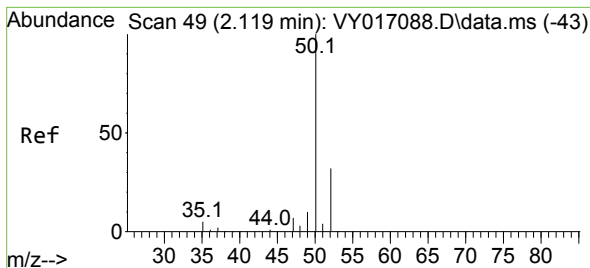
Tgt Ion:168 Resp: 96760
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 24.195 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 85 Resp: 18966
Ion Ratio Lower Upper
85 100
87 32.6 17.1 51.3





#3

Chloromethane

Concen: 20.449 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

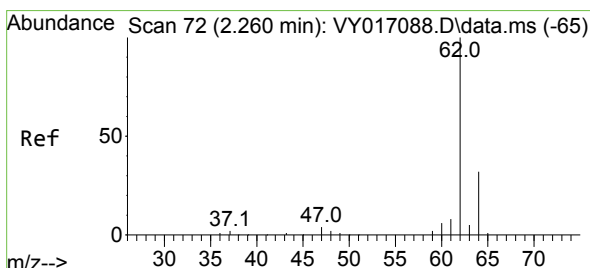
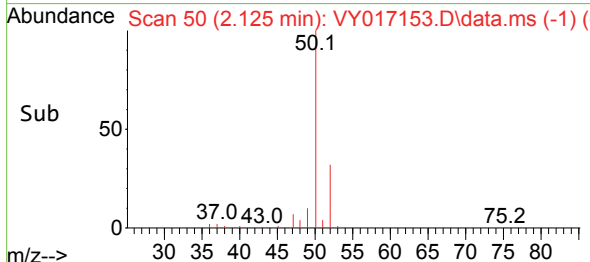
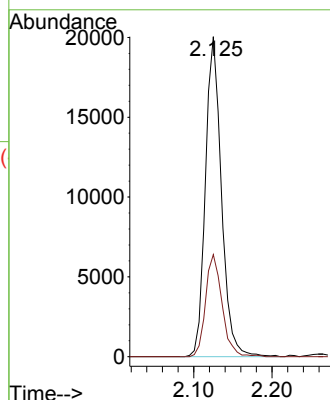
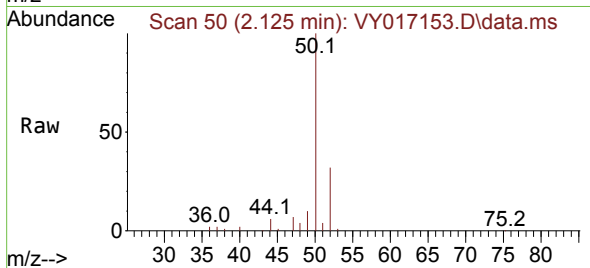
VY0131SBSD01

Tgt Ion: 50 Resp: 28438

Ion Ratio Lower Upper

50 100

52 31.9 26.7 40.1



#4

Vinyl Chloride

Concen: 22.708 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.000 min

Lab File: VY017153.D

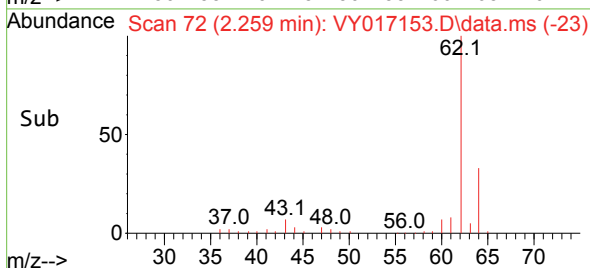
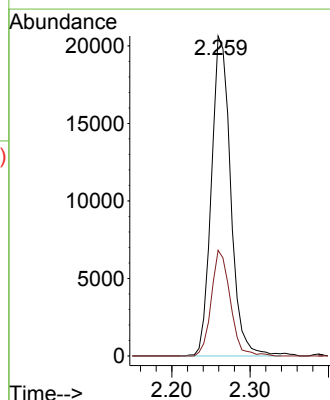
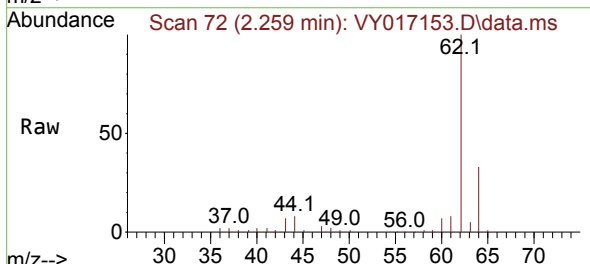
Acq: 31 Jan 2024 11:58

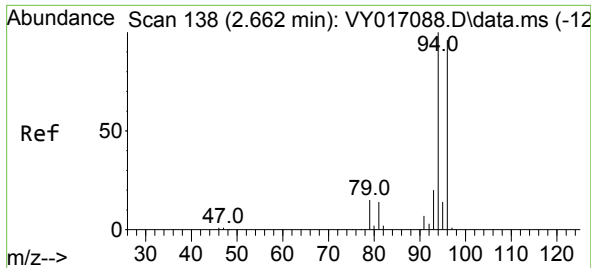
Tgt Ion: 62 Resp: 35261

Ion Ratio Lower Upper

62 100

64 33.0 25.7 38.5

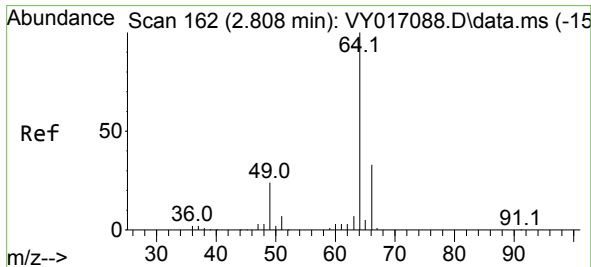
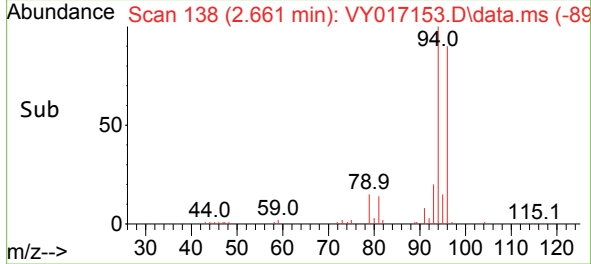
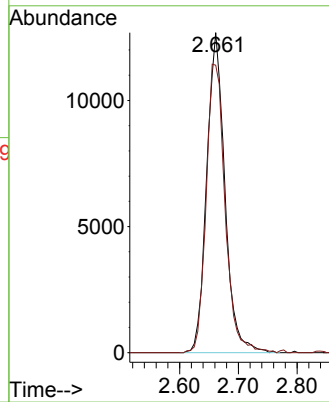
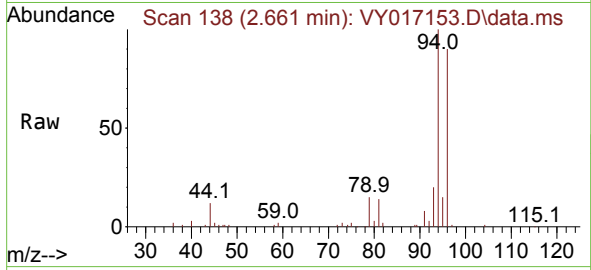




#5
Bromomethane
Concen: 24.235 ug/l
RT: 2.661 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

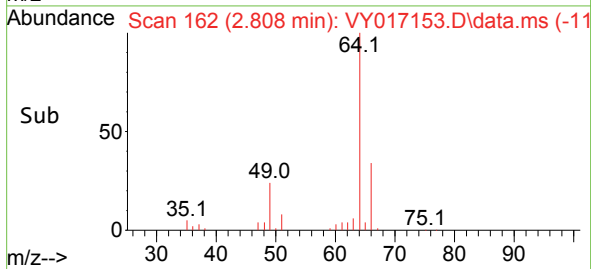
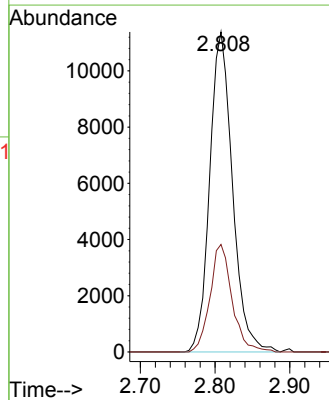
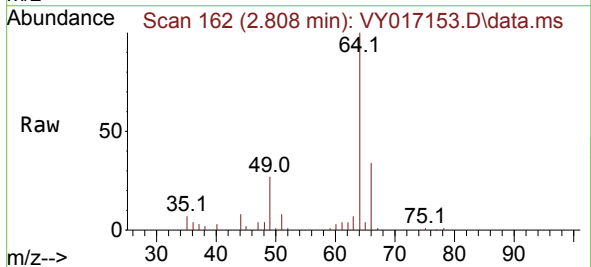
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

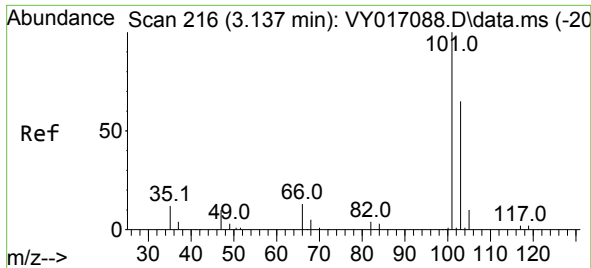
Tgt Ion: 94 Resp: 27239
Ion Ratio Lower Upper
94 100
96 89.9 77.3 115.9



#6
Chloroethane
Concen: 24.365 ug/l
RT: 2.808 min Scan# 162
Delta R.T. -0.000 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 64 Resp: 24101
Ion Ratio Lower Upper
64 100
66 33.6 25.1 37.7

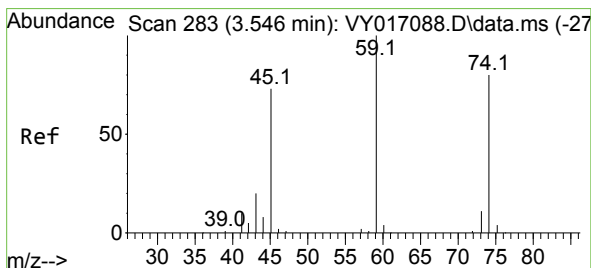
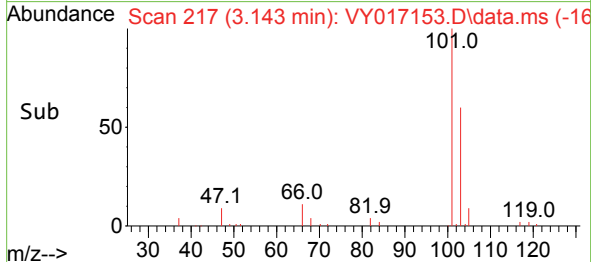
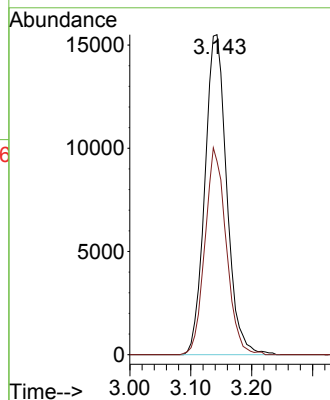
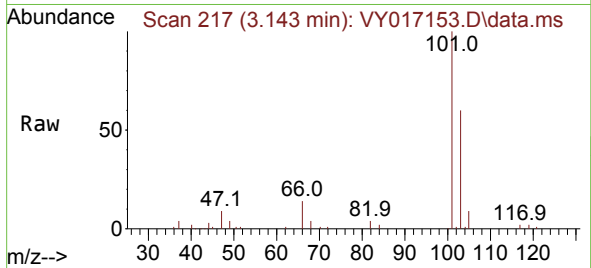




#7
 Trichlorofluoromethane
 Concen: 22.338 ug/l
 RT: 3.143 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY017153.D
 Acq: 31 Jan 2024 11:58

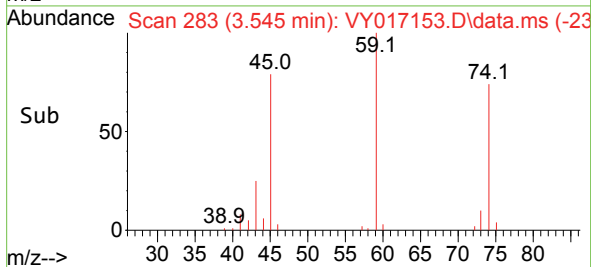
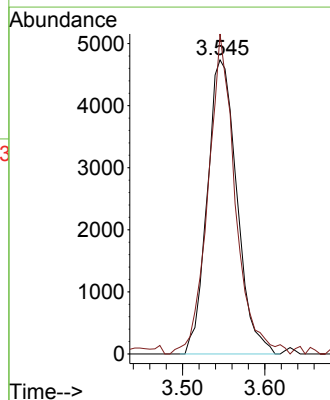
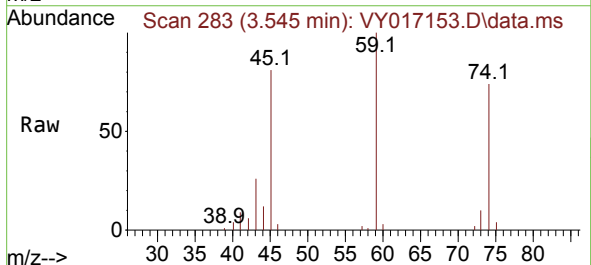
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

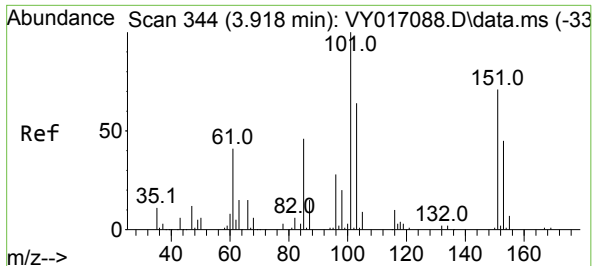
Tgt Ion:101 Resp: 38688
 Ion Ratio Lower Upper
 101 100
 103 60.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 21.249 ug/l
 RT: 3.545 min Scan# 283
 Delta R.T. 0.005 min
 Lab File: VY017153.D
 Acq: 31 Jan 2024 11:58

Tgt Ion: 74 Resp: 11846
 Ion Ratio Lower Upper
 74 100
 45 99.8 47.9 143.7

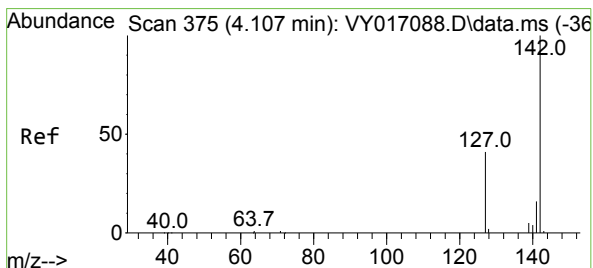
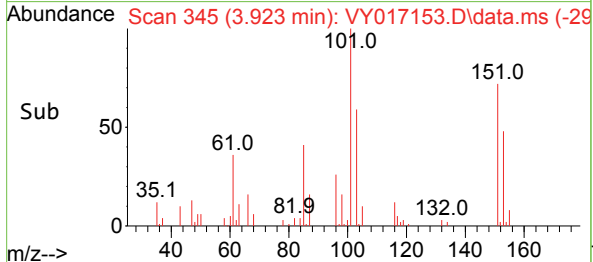
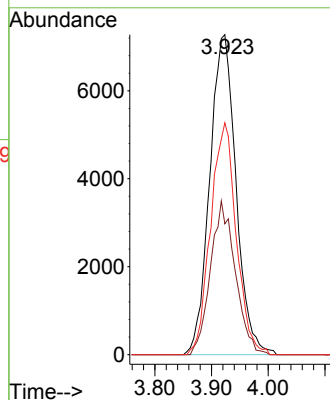
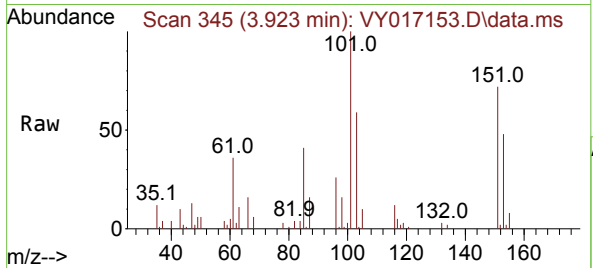




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.625 ug/l
RT: 3.923 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

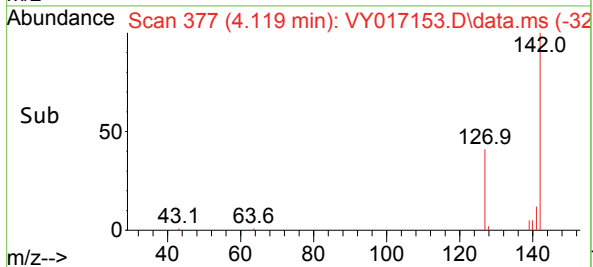
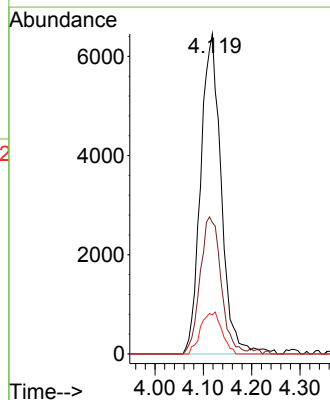
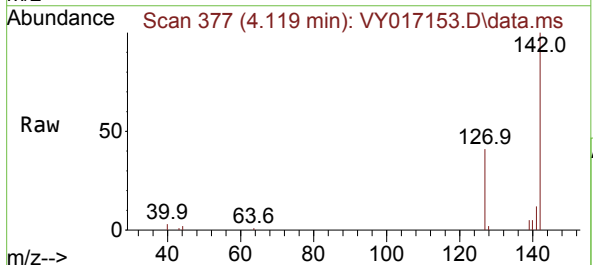
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

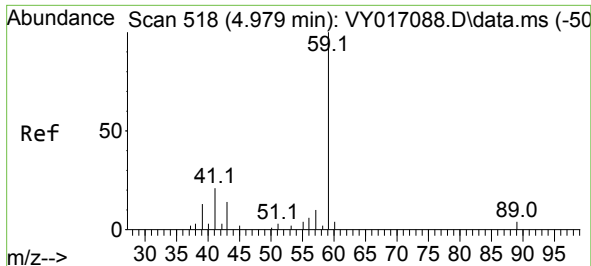
Tgt Ion:101 Resp: 23404
Ion Ratio Lower Upper
101 100
85 45.5 35.8 53.6
151 70.7 58.6 88.0



#10
Methyl Iodide
Concen: 18.493 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.013 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion:142 Resp: 19014
Ion Ratio Lower Upper
142 100
127 43.8 35.1 52.7
141 13.4 11.8 17.6

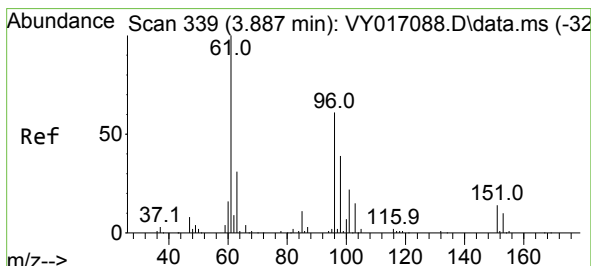
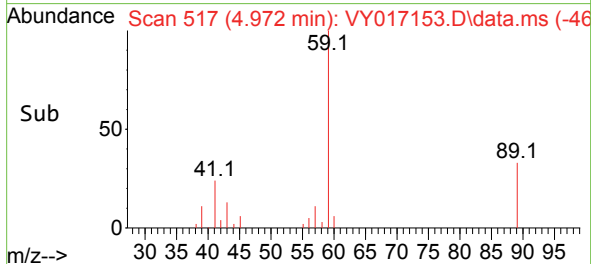
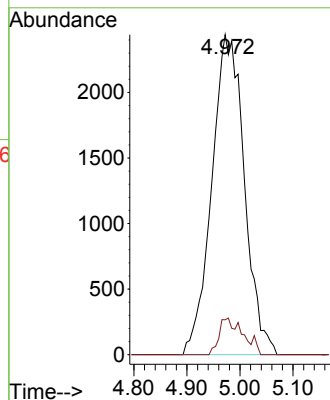
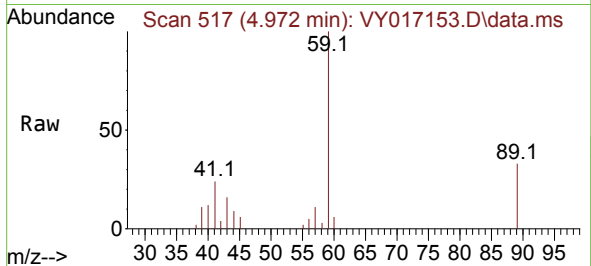




#11
Tert butyl alcohol
Concen: 145.165 ug/l
RT: 4.972 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

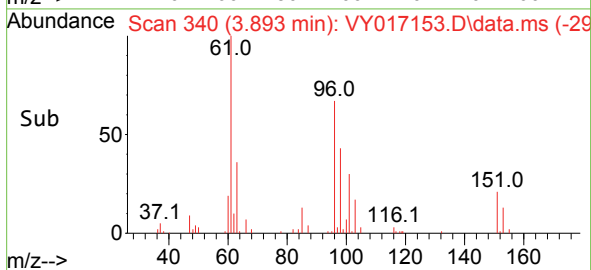
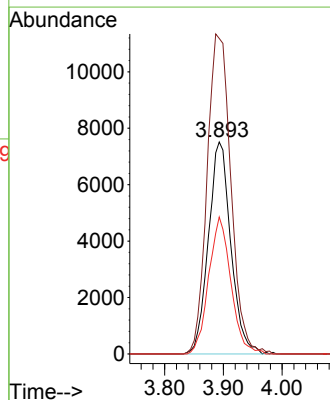
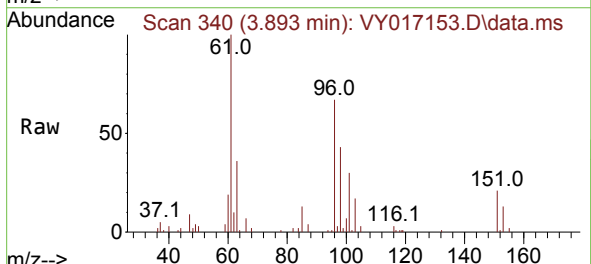
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

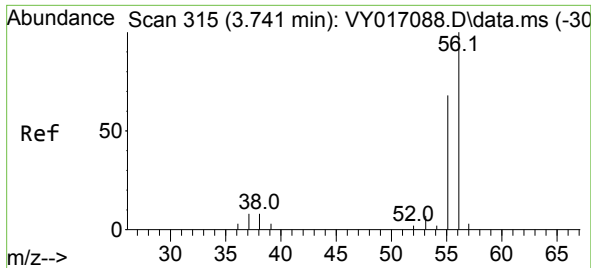
Tgt Ion: 59 Resp: 10402
Ion Ratio Lower Upper
59 100
57 8.4 7.4 11.0



#12
1,1-Dichloroethene
Concen: 20.108 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 96 Resp: 19921
Ion Ratio Lower Upper
96 100
61 148.9 124.2 186.2
98 64.6 52.6 79.0





#13

Acrolein

Concen: 106.905 ug/l

RT: 3.747 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

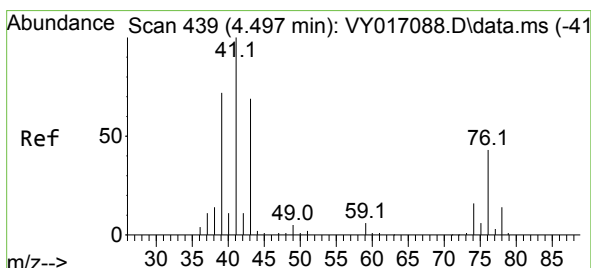
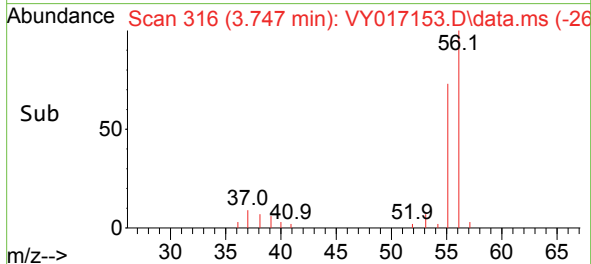
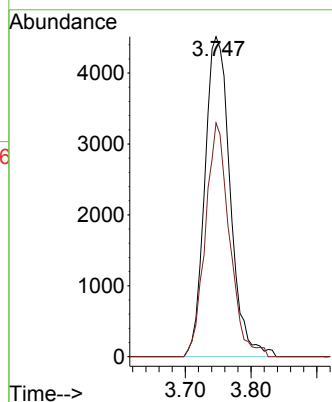
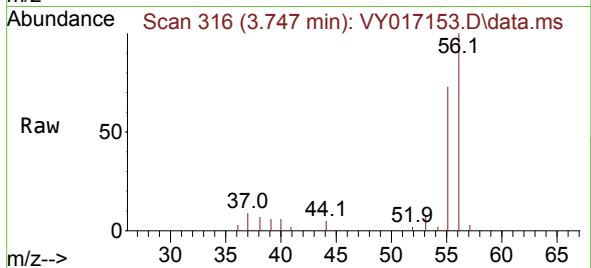
VY0131SBSD01

Tgt Ion: 56 Resp: 12087

Ion Ratio Lower Upper

56 100

55 69.6 55.4 83.0



#14

Allyl chloride

Concen: 21.070 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

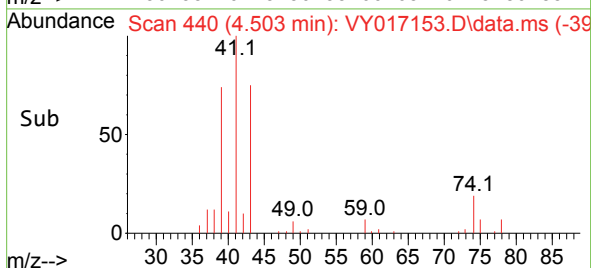
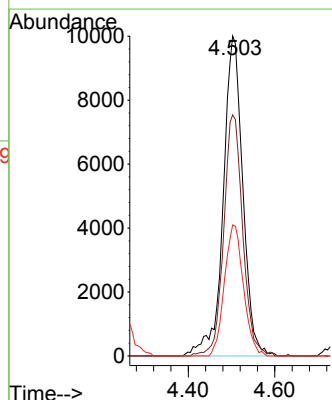
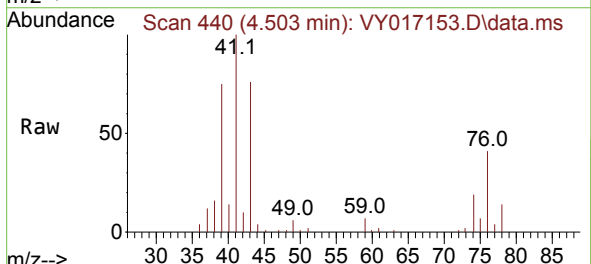
Tgt Ion: 41 Resp: 31551

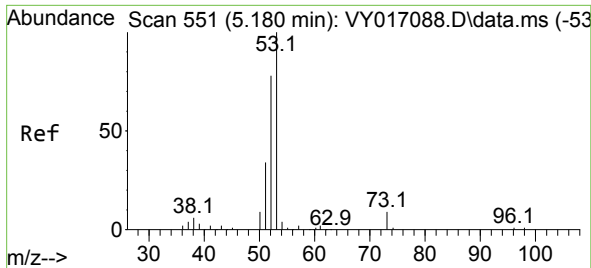
Ion Ratio Lower Upper

41 100

39 73.2 54.7 82.1

76 39.7 31.8 47.6

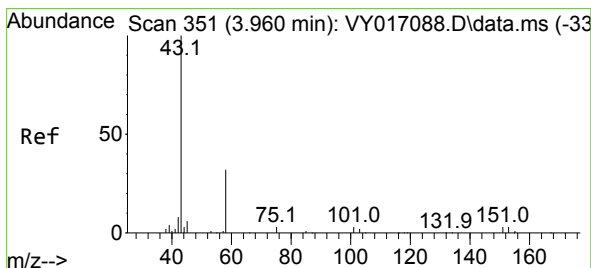
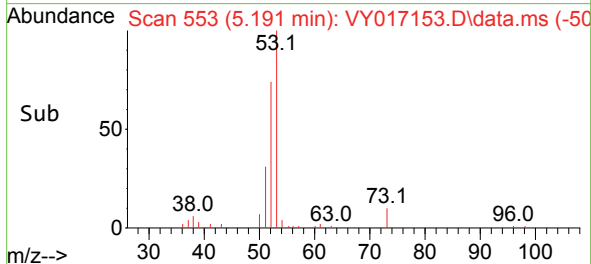
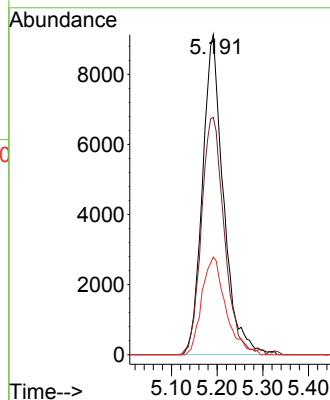
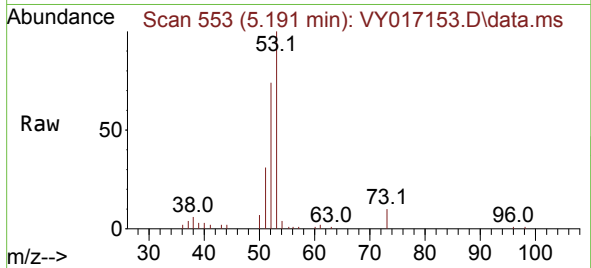




#15
Acrylonitrile
Concen: 120.489 ug/l
RT: 5.191 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

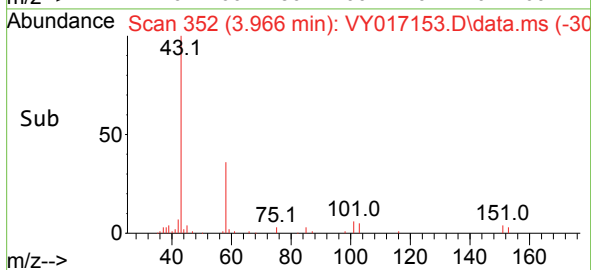
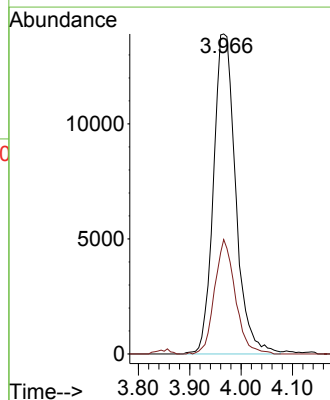
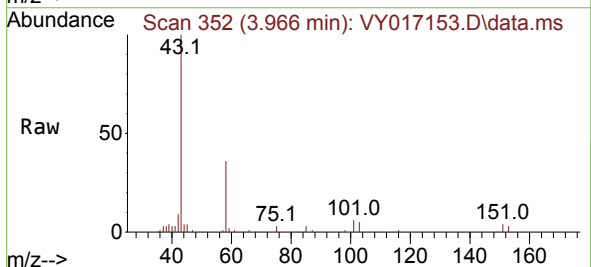
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

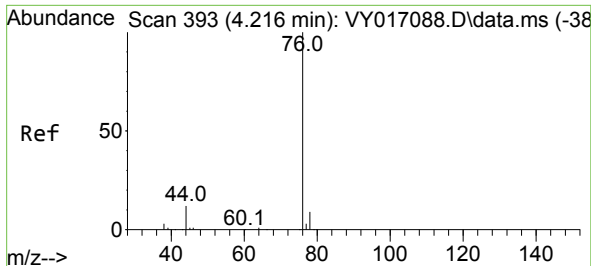
Tgt Ion:	53	Resp:	29153
Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.1	97.7
51	34.7	29.0	43.4



#16
Acetone
Concen: 149.778 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion:	43	Resp:	41716
Ion	Ratio	Lower	Upper
43	100		
58	35.8	26.6	39.8





#17

Carbon Disulfide

Concen: 15.403 ug/l

RT: 4.216 min Scan# 393

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

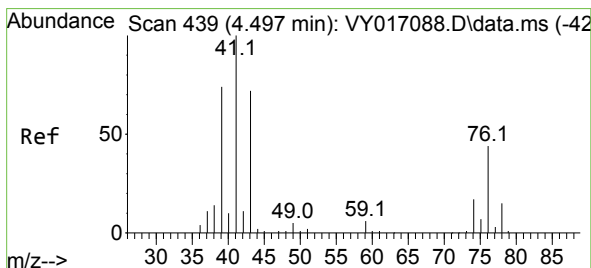
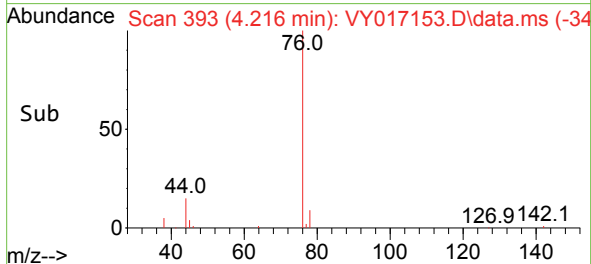
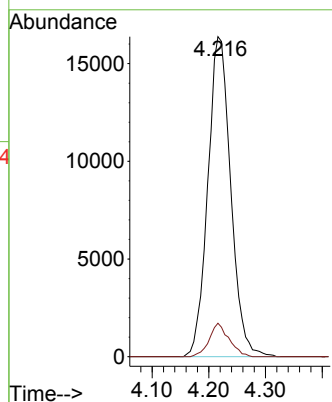
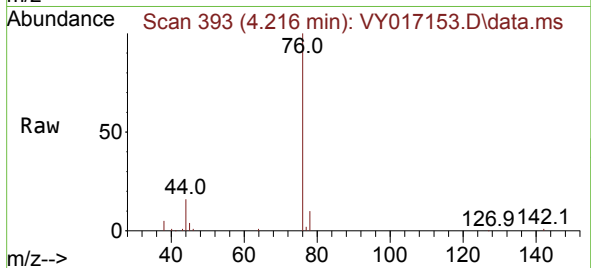
VY0131SBSD01

Tgt Ion: 76 Resp: 45993

Ion Ratio Lower Upper

76 100

78 10.5 7.4 11.0



#18

Methyl Acetate

Concen: 23.012 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY017153.D

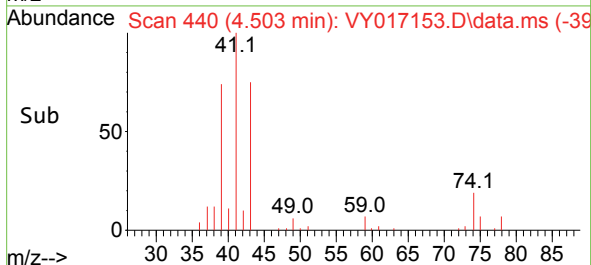
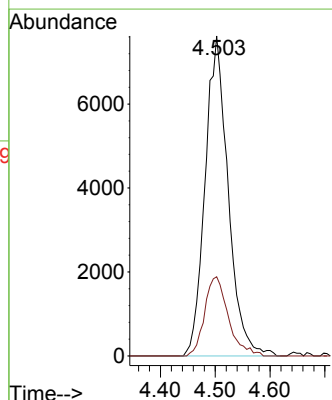
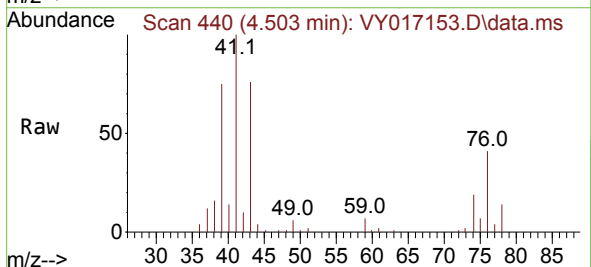
Acq: 31 Jan 2024 11:58

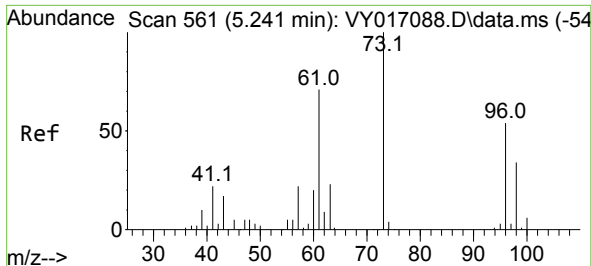
Tgt Ion: 43 Resp: 22255

Ion Ratio Lower Upper

43 100

74 25.4 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 23.260 ug/l

RT: 5.252 min Scan# 5

Delta R.T. 0.018 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

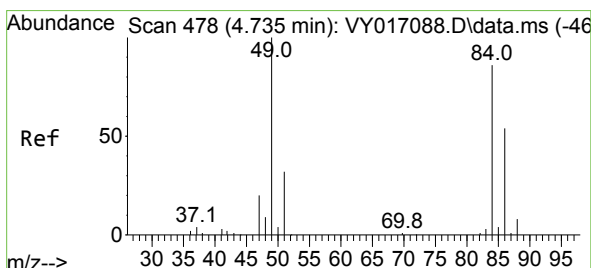
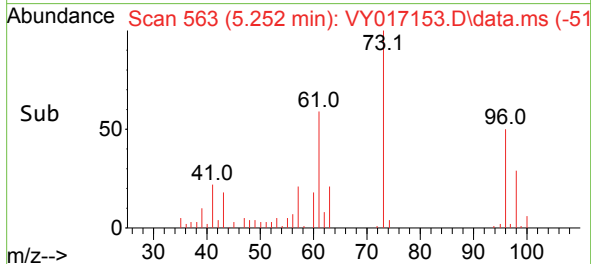
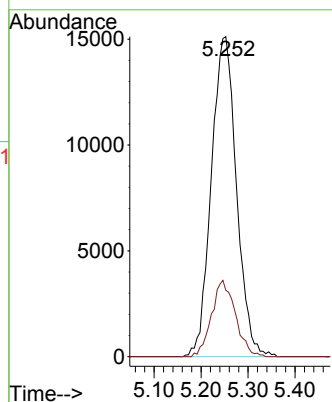
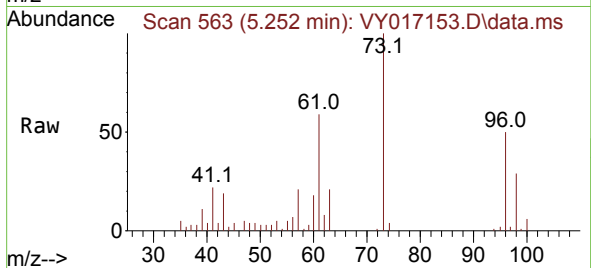
VY0131SBS01

Tgt Ion: 73 Resp: 56234

Ion Ratio Lower Upper

73 100

57 20.7 17.7 26.5



#20

Methylene Chloride

Concen: 23.448 ug/l

RT: 4.740 min Scan# 479

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Tgt Ion: 84 Resp: 27962

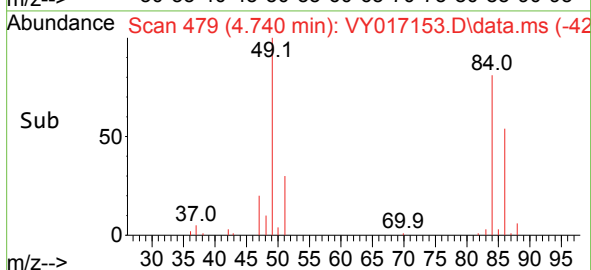
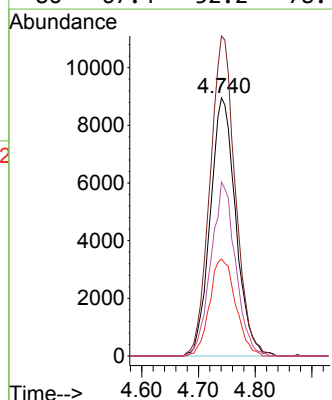
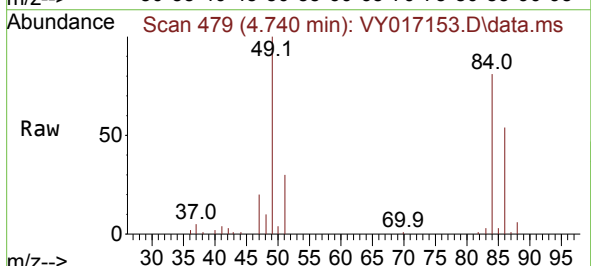
Ion Ratio Lower Upper

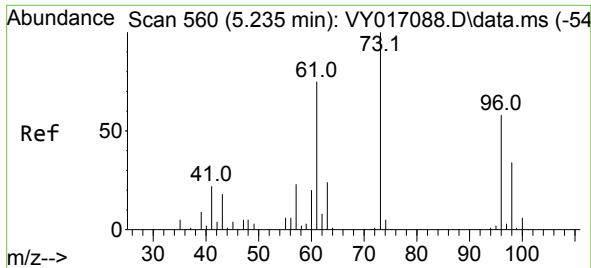
84 100

49 124.0 95.2 142.8

51 37.6 29.9 44.9

86 67.4 52.2 78.4

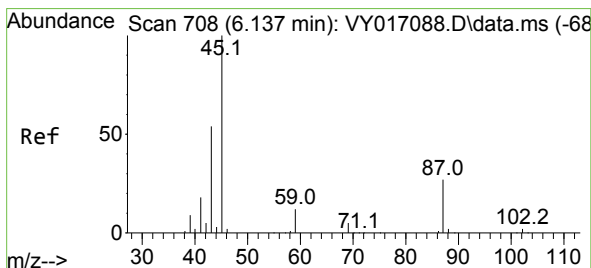
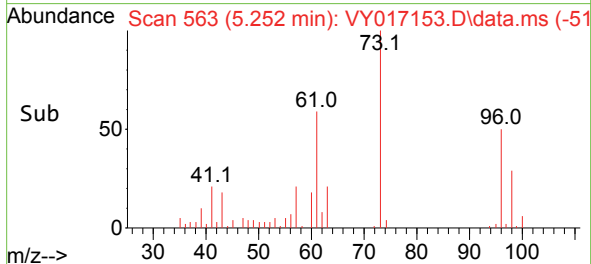
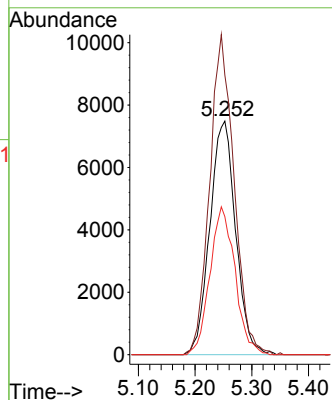
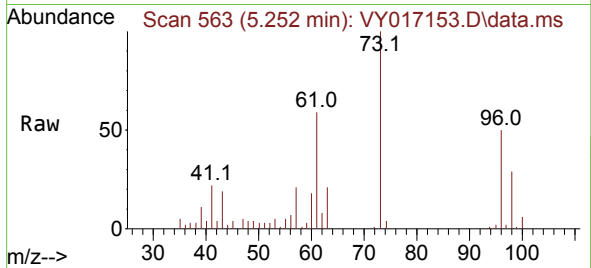




#21
trans-1,2-Dichloroethene
Concen: 20.629 ug/l
RT: 5.252 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

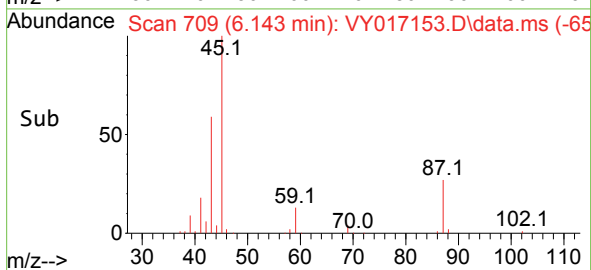
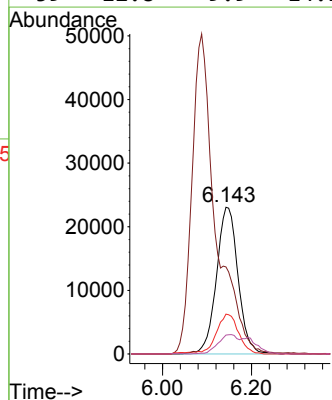
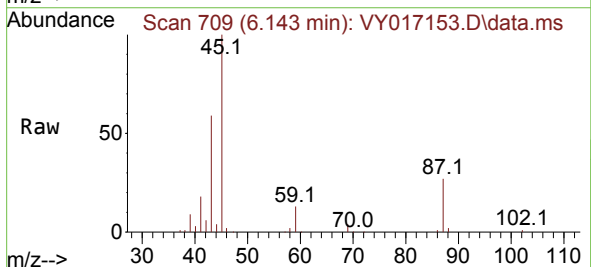
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

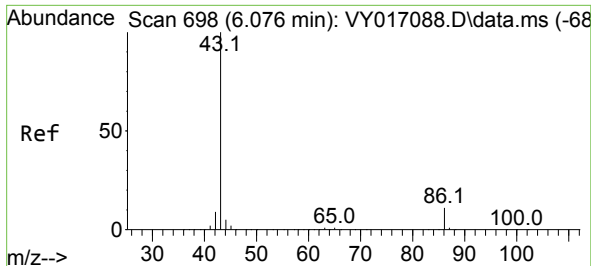
Tgt Ion: 96 Resp: 23640
Ion Ratio Lower Upper
96 100
61 119.8 104.6 156.8
98 59.1 50.9 76.3



#22
Diisopropyl ether
Concen: 23.477 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 45 Resp: 77600
Ion Ratio Lower Upper
45 100
43 58.6 46.8 70.2
87 27.2 22.2 33.2
59 12.8 9.9 14.9

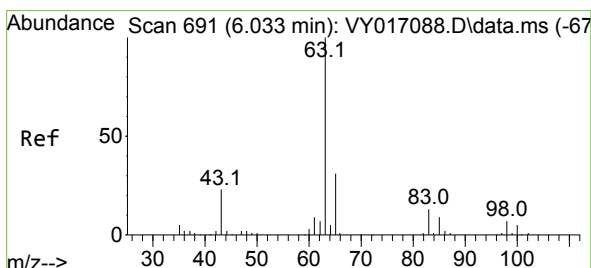
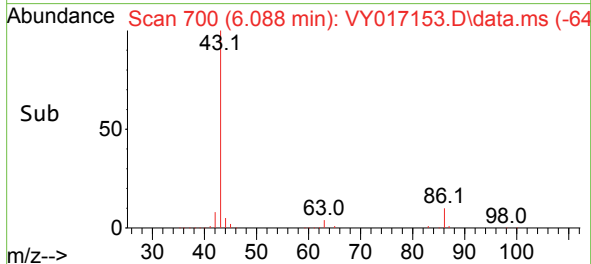
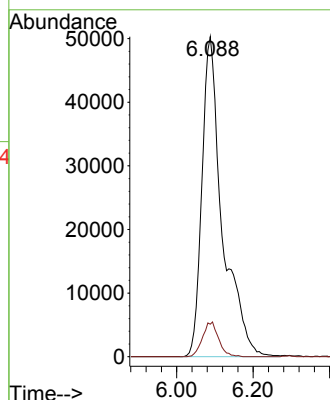
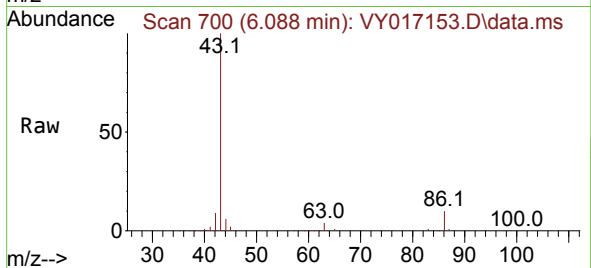




#23
 Vinyl Acetate
 Concen: 116.257 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.012 min
 Lab File: VY017153.D
 Acq: 31 Jan 2024 11:58

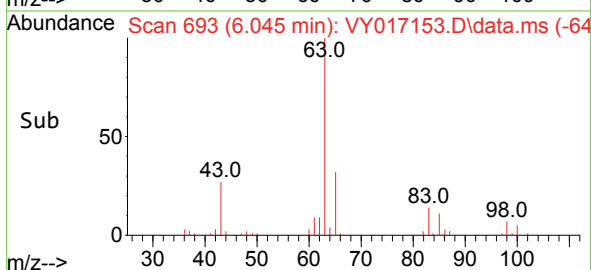
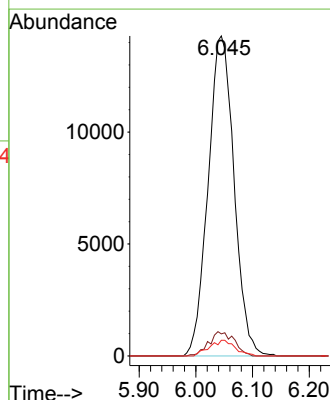
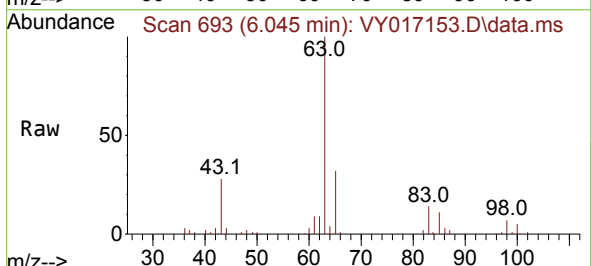
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

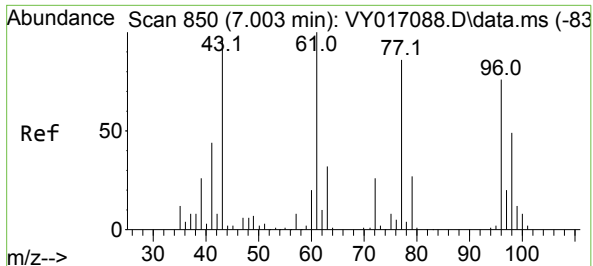
Tgt Ion: 43 Resp: 186404
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 22.515 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY017153.D
 Acq: 31 Jan 2024 11:58

Tgt Ion: 63 Resp: 45392
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.9 2.1 6.2





#25

2-Butanone

Concen: 135.773 ug/l

RT: 7.008 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

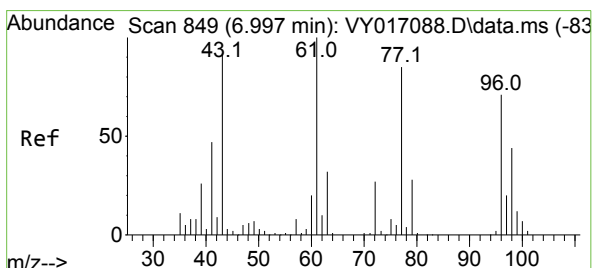
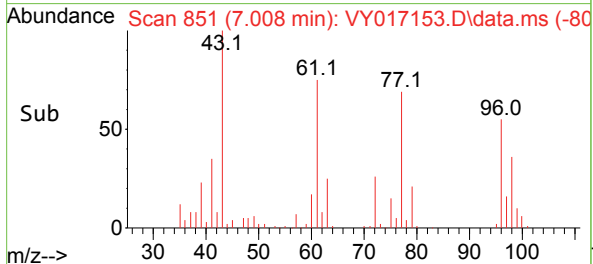
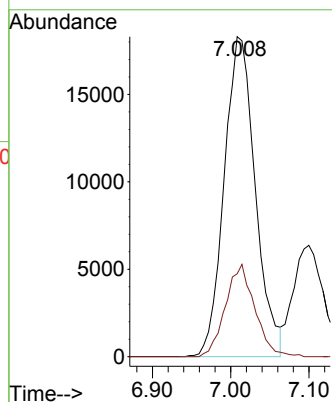
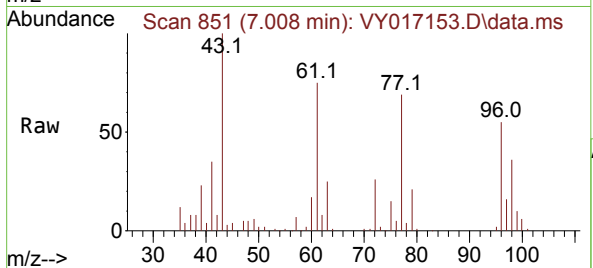
VY0131SBSD01

Tgt Ion: 43 Resp: 50555

Ion Ratio Lower Upper

43 100

72 25.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 22.030 ug/l

RT: 7.008 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY017153.D

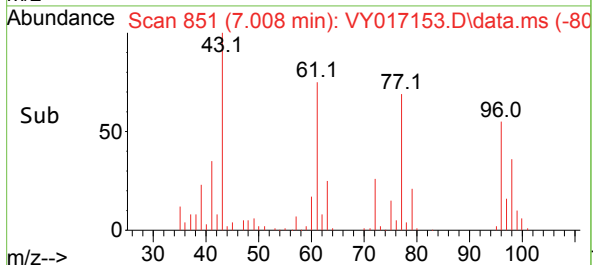
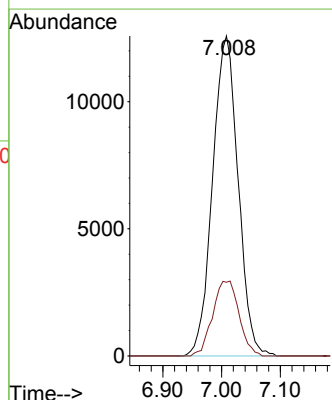
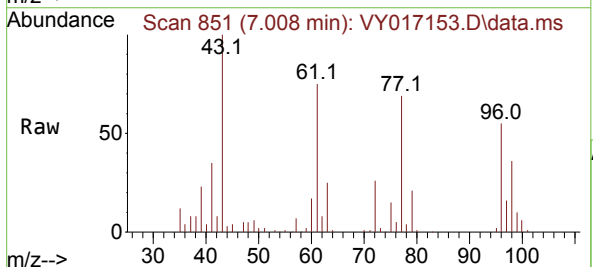
Acq: 31 Jan 2024 11:58

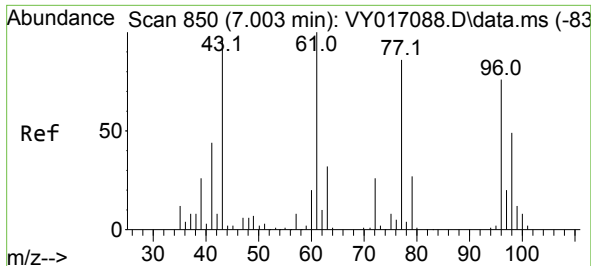
Tgt Ion: 77 Resp: 37935

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 21.763 ug/l

RT: 7.008 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

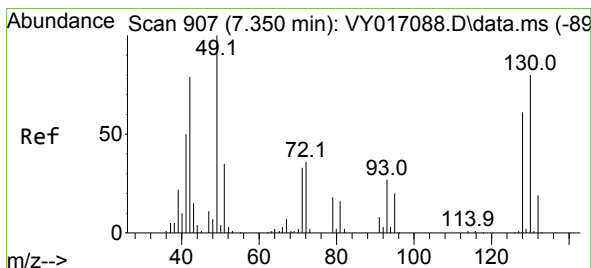
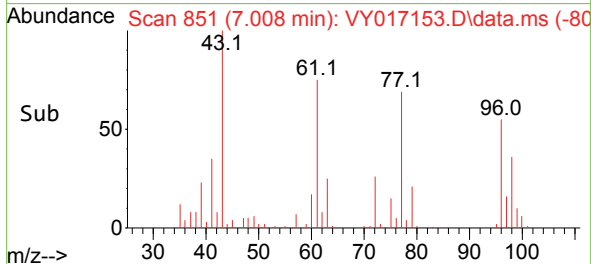
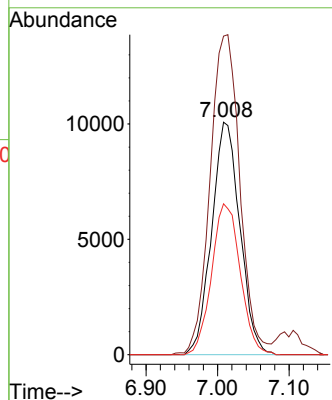
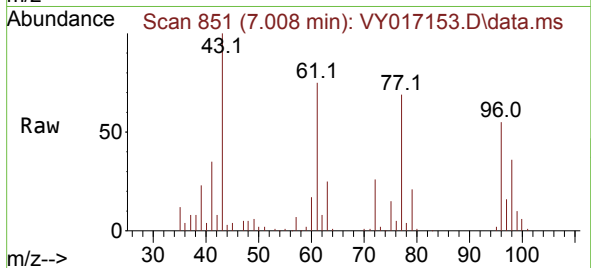
Tgt Ion: 96 Resp: 27637

Ion Ratio Lower Upper

96 100

61 145.7 0.0 278.8

98 65.8 0.0 127.0



#28

Bromochloromethane

Concen: 22.583 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

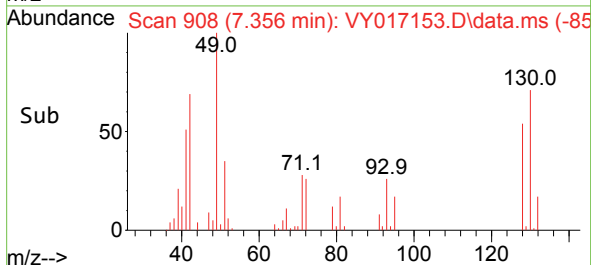
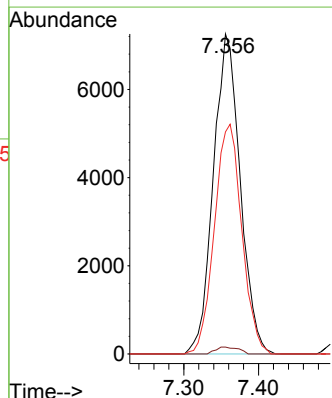
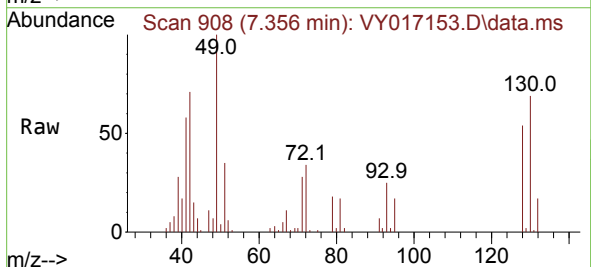
Tgt Ion: 49 Resp: 18126

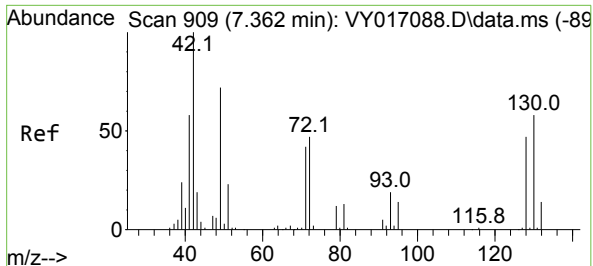
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 73.3 59.8 89.8





#29

Tetrahydrofuran

Concen: 123.328 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

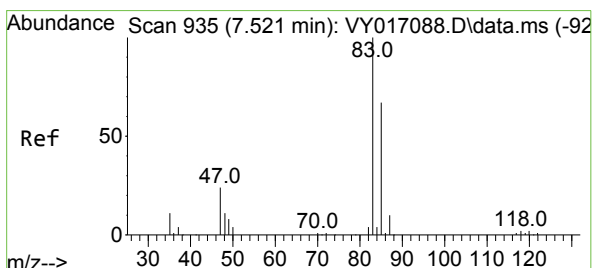
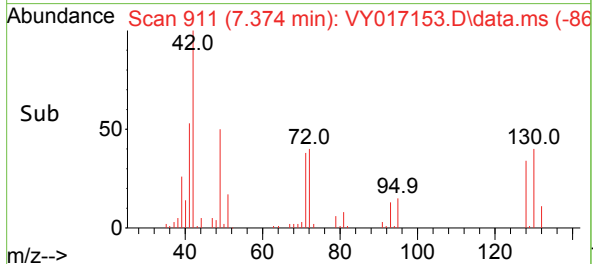
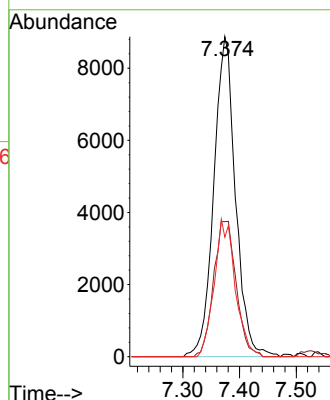
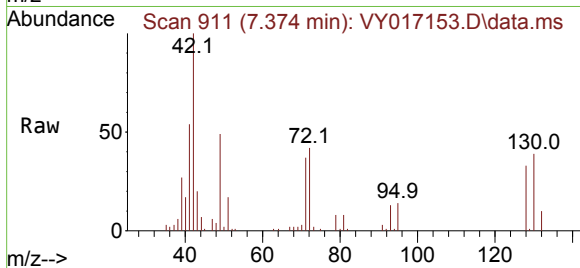
Tgt Ion: 42 Resp: 23576

Ion Ratio Lower Upper

42 100

72 44.0 36.6 54.8

71 41.7 33.8 50.6



#30

Chloroform

Concen: 23.363 ug/l

RT: 7.526 min Scan# 936

Delta R.T. 0.005 min

Lab File: VY017153.D

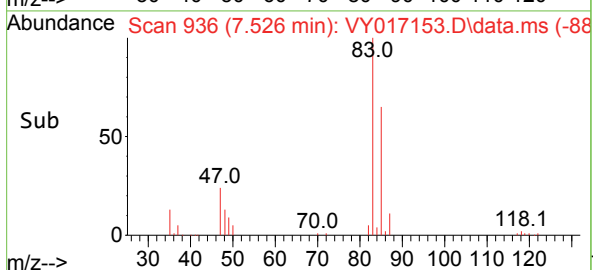
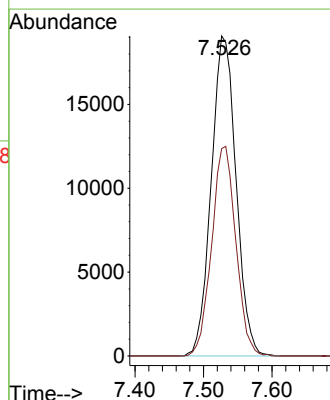
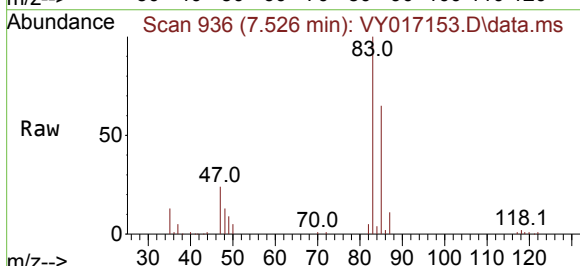
Acq: 31 Jan 2024 11:58

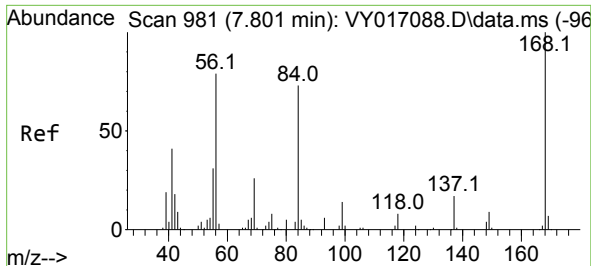
Tgt Ion: 83 Resp: 47963

Ion Ratio Lower Upper

83 100

85 64.8 51.2 76.8

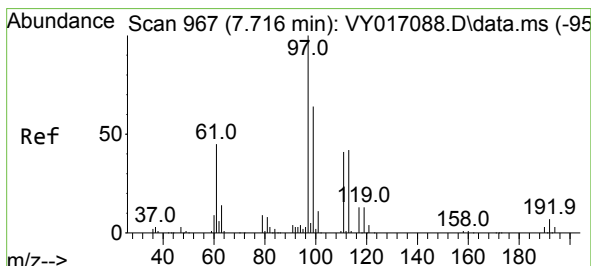
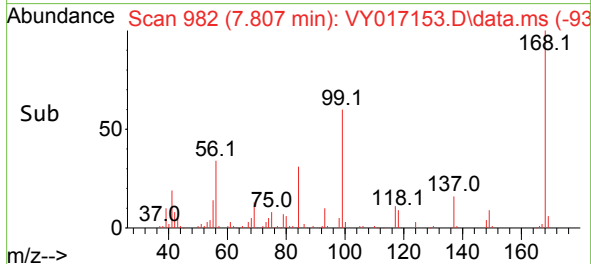
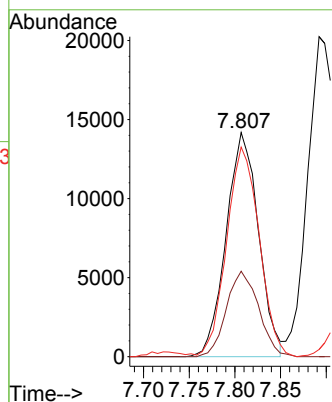
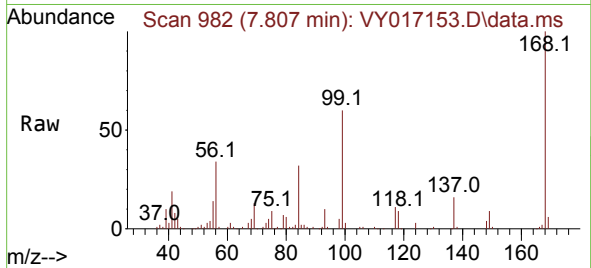




#31
Cyclohexane
Concen: 18.901 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

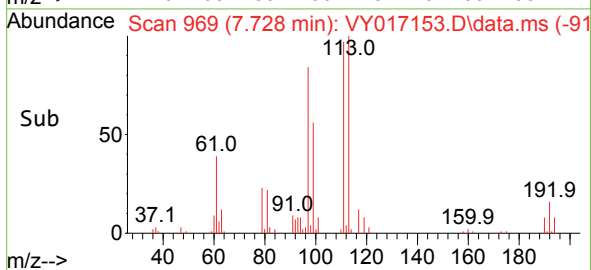
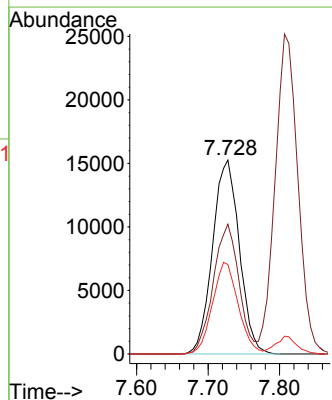
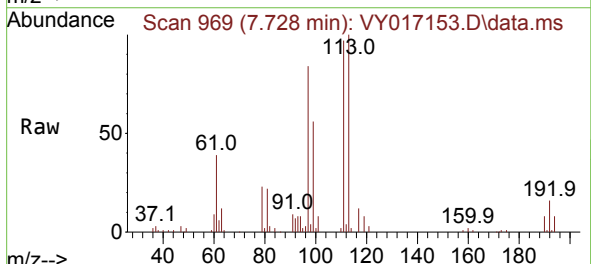
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

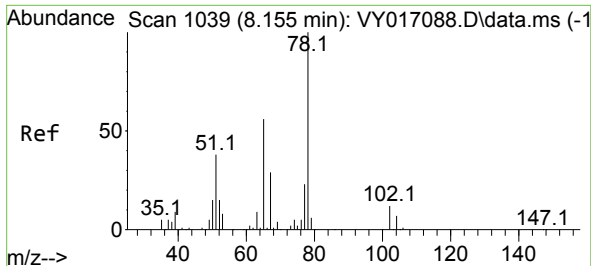
Tgt Ion: 56 Resp: 34885
Ion Ratio Lower Upper
56 100
69 38.1 27.0 40.6
84 92.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 22.545 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 97 Resp: 39688
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 45.5 35.0 52.6

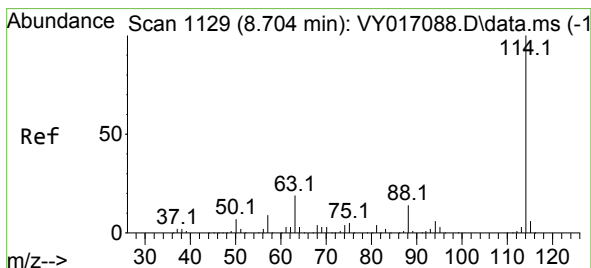
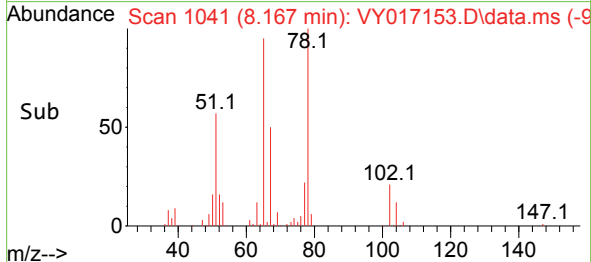
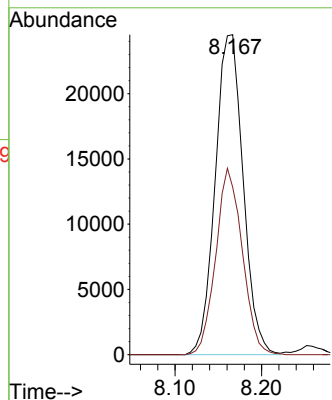
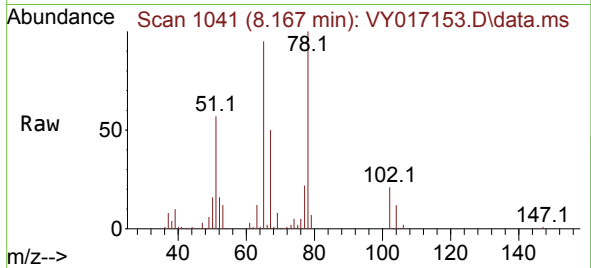




#33
 1,2-Dichloroethane-d4
 Concen: 58.293 ug/l
 RT: 8.167 min Scan# 1130
 Delta R.T. 0.012 min
 Lab File: VY017153.D
 Acq: 31 Jan 2024 11:58

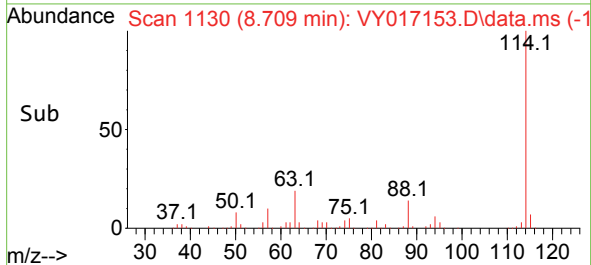
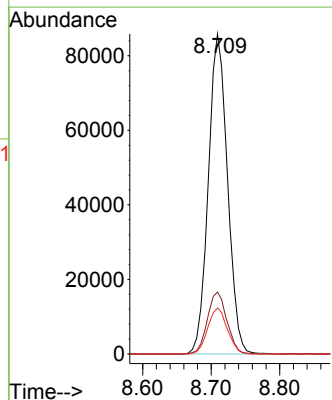
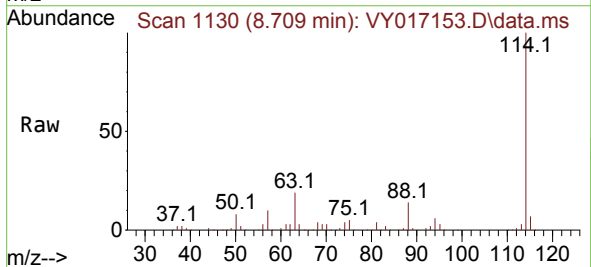
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBSD01

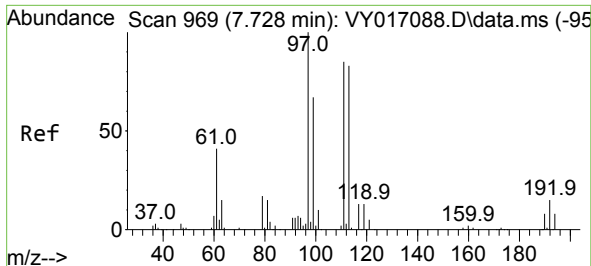
Tgt Ion: 65 Resp: 54955
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.709 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY017153.D
 Acq: 31 Jan 2024 11:58

Tgt Ion: 114 Resp: 166915
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.4
 88 14.3 0.0 29.0

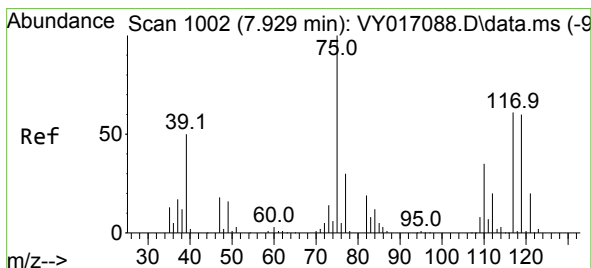
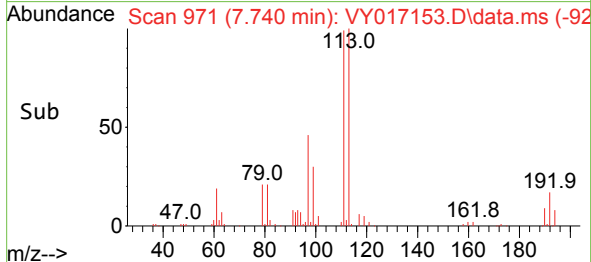
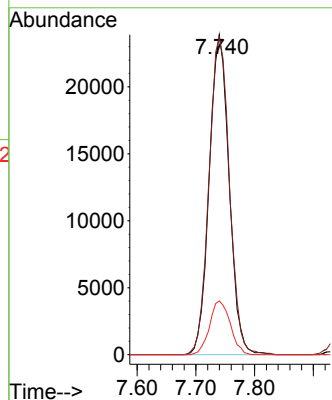
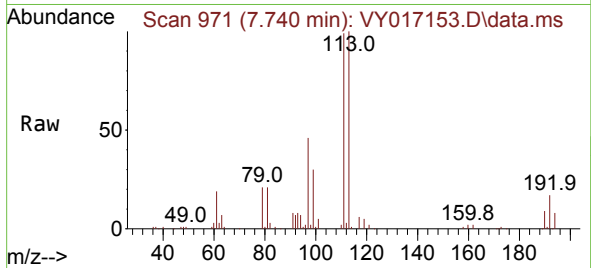




#35
Dibromofluoromethane
Concen: 55.772 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

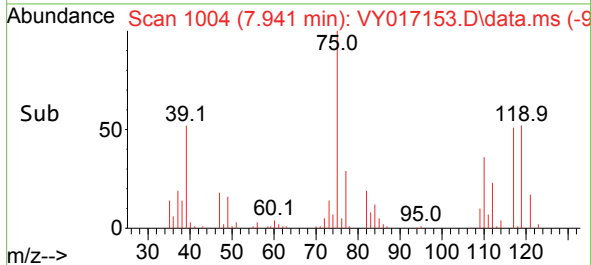
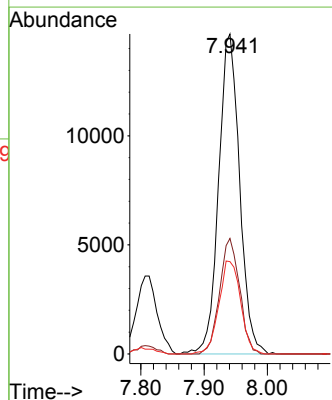
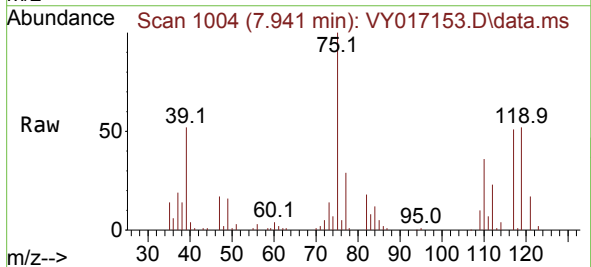
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

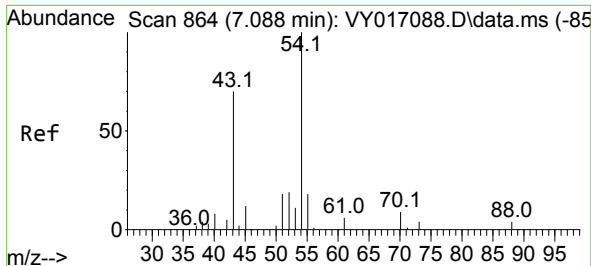
Tgt Ion:113 Resp: 56185
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 17.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 20.343 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 75 Resp: 33719
Ion Ratio Lower Upper
75 100
110 34.4 17.4 52.3
77 30.1 24.7 37.1

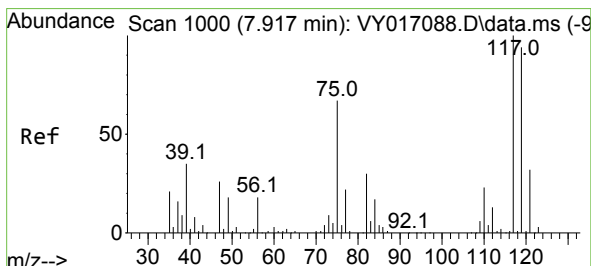
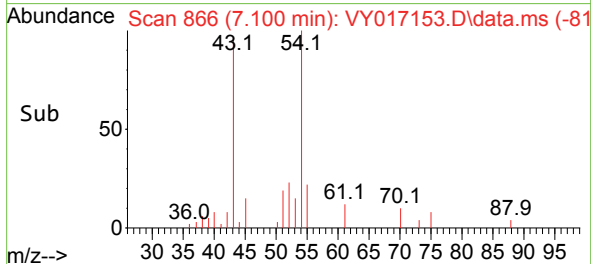
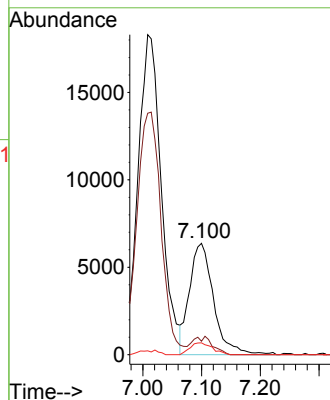
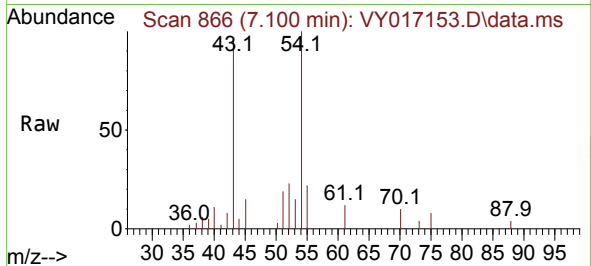




#37
Ethyl Acetate
Concen: 25.461 ug/l
RT: 7.100 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

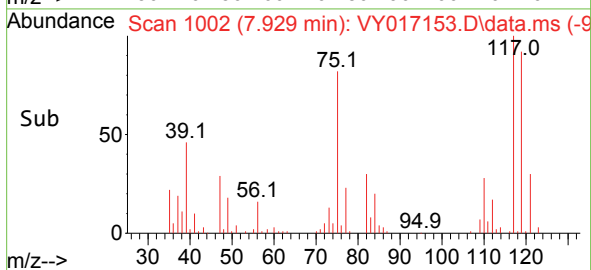
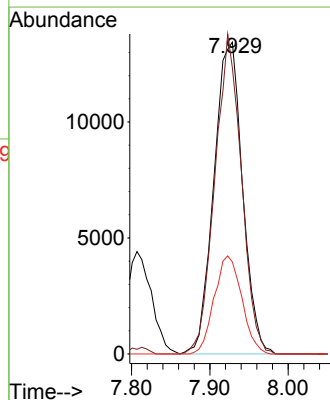
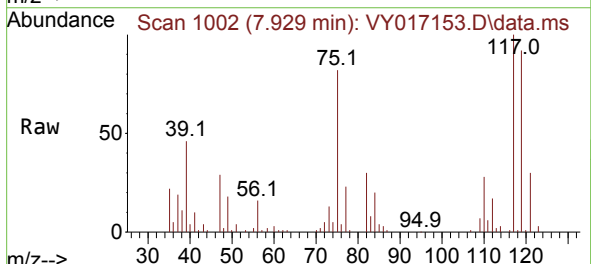
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

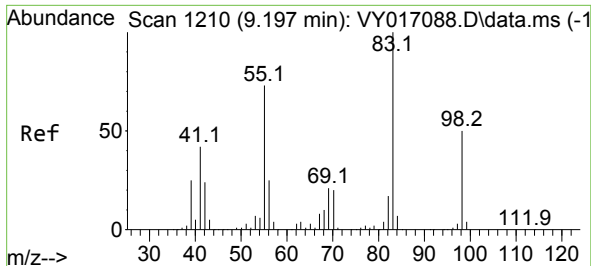
Tgt Ion: 43 Resp: 18146
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.6
70 9.9 8.1 12.1



#38
Carbon Tetrachloride
Concen: 21.027 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 117 Resp: 34154
Ion Ratio Lower Upper
117 100
119 91.8 76.0 114.0
121 29.5 24.2 36.2





#39

Methylcyclohexane

Concen: 18.188 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

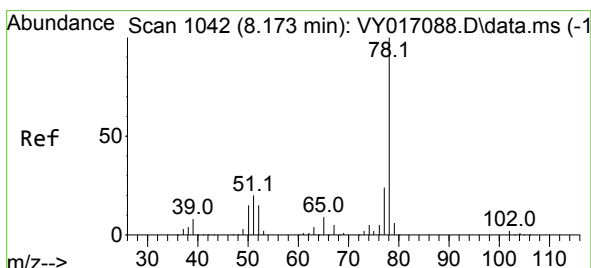
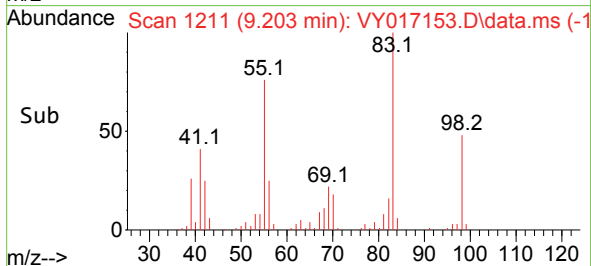
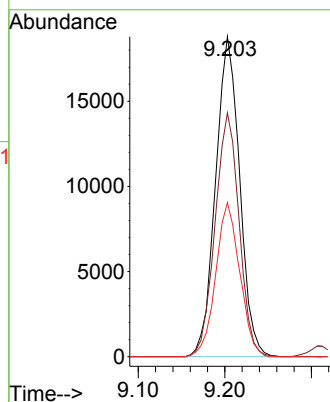
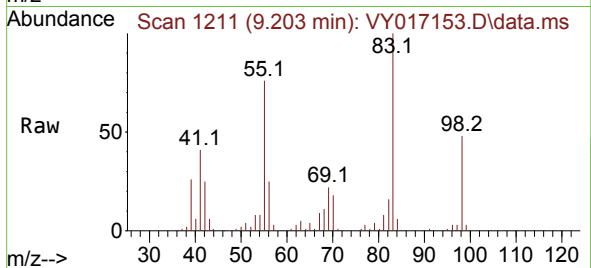
Tgt Ion: 83 Resp: 36260

Ion Ratio Lower Upper

83 100

55 76.2 59.7 89.5

98 48.2 38.0 57.0



#40

Benzene

Concen: 21.194 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY017153.D

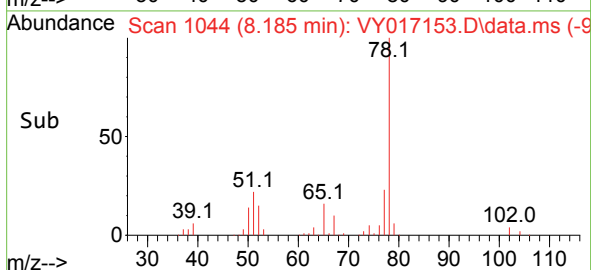
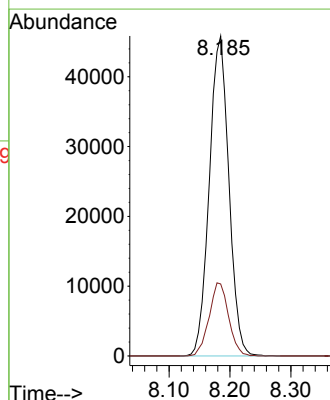
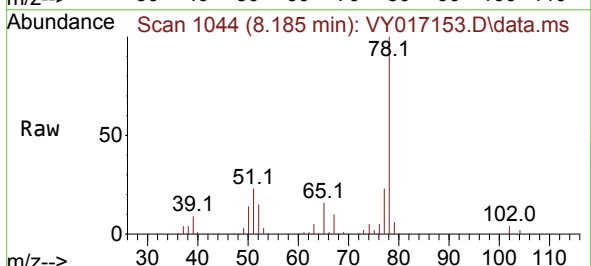
Acq: 31 Jan 2024 11:58

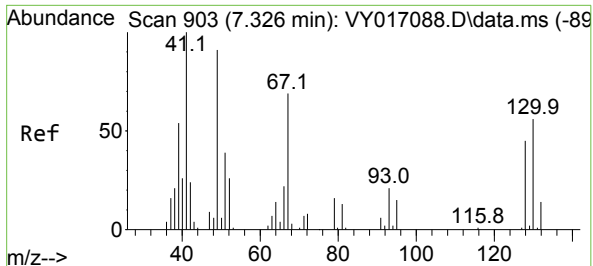
Tgt Ion: 78 Resp: 102020

Ion Ratio Lower Upper

78 100

77 22.5 18.8 28.2

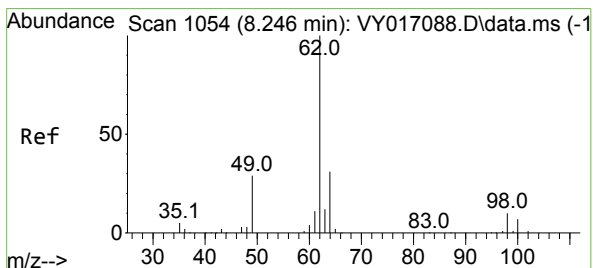
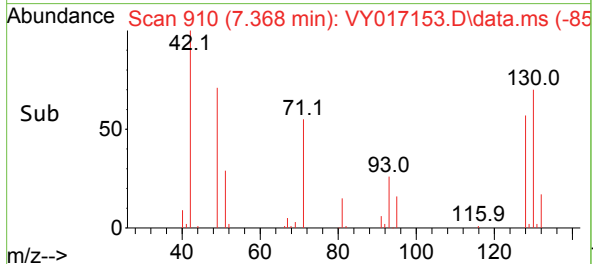
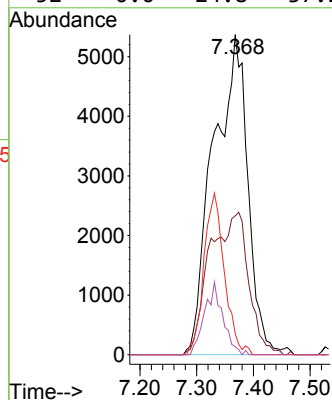
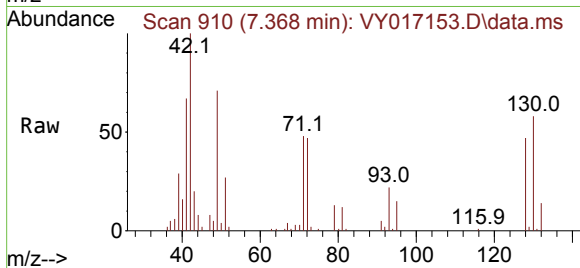




#41
Methacrylonitrile
Concen: 59.181 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.049 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

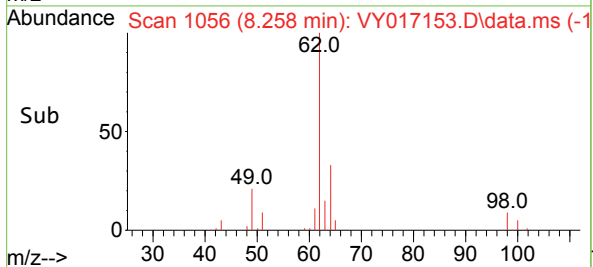
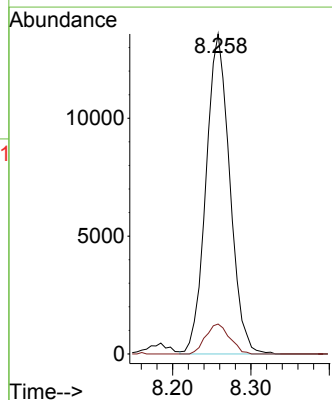
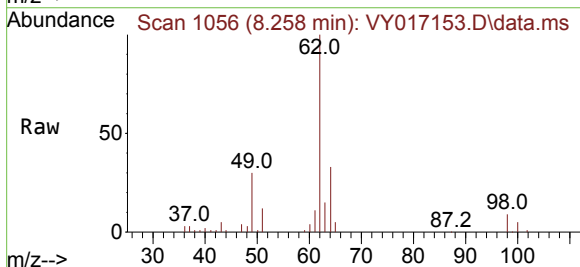
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

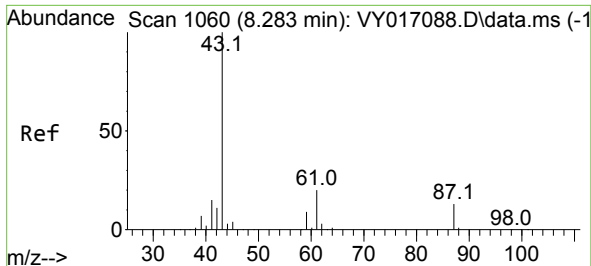
Tgt Ion:	41	Resp:	22558
Ion	Ratio	Lower	Upper
41	100		
39	50.3	41.9	62.9
67	0.0	59.8	89.6#
52	0.0	24.8	37.2#



#42
1,2-Dichloroethane
Concen: 22.918 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion:	62	Resp:	28600
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.2

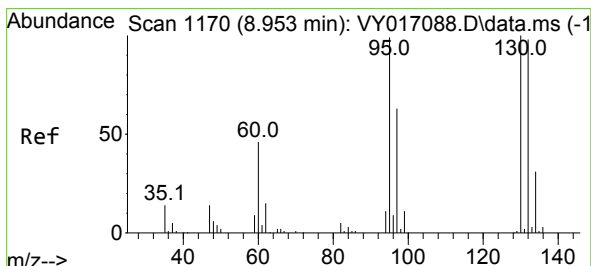
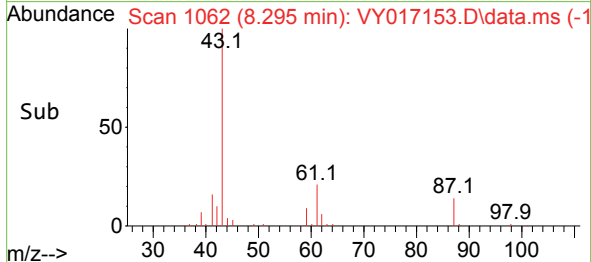
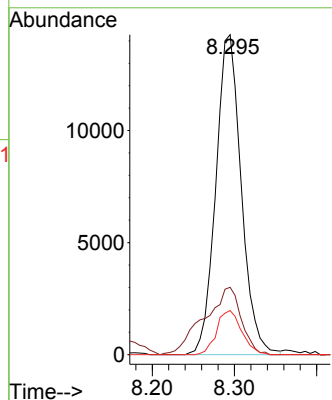
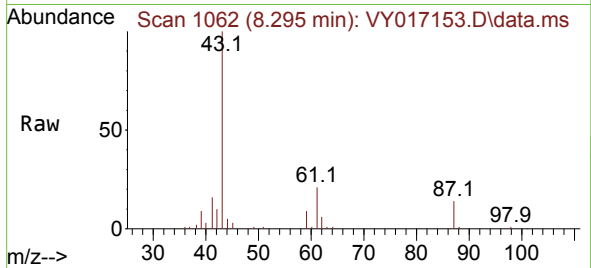




#43
Isopropyl Acetate
Concen: 23.096 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

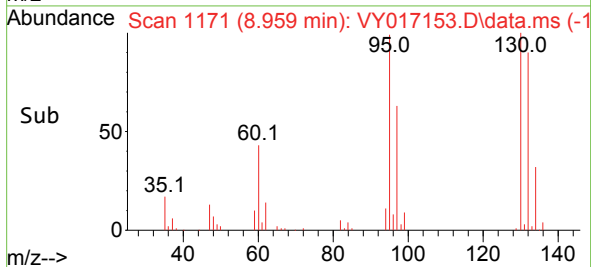
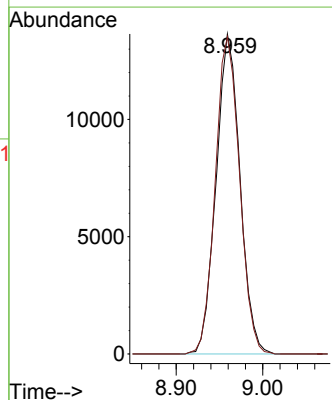
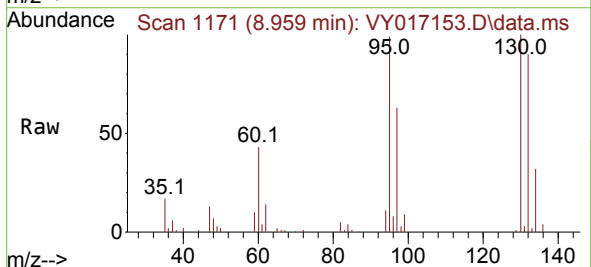
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

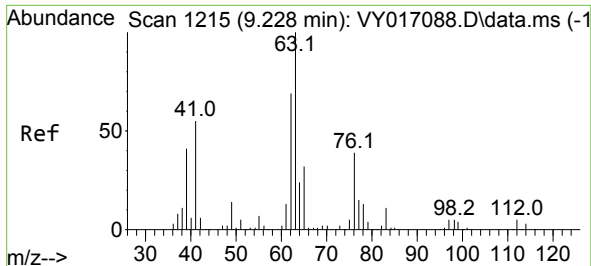
Tgt Ion: 43 Resp: 30729
Ion Ratio Lower Upper
43 100
61 30.5 24.8 37.2
87 13.6 10.7 16.1



#44
Trichloroethene
Concen: 21.224 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion:130 Resp: 26203
Ion Ratio Lower Upper
130 100
95 99.2 0.0 203.8





#45

1,2-Dichloropropane

Concen: 22.661 ug/l

RT: 9.233 min Scan# 1

Delta R.T. 0.005 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

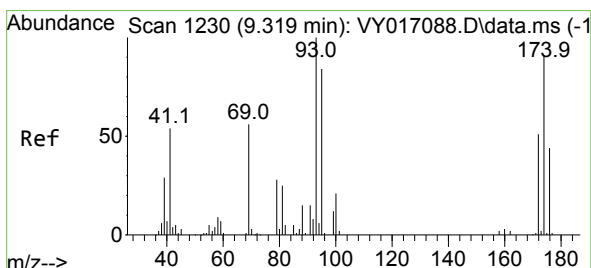
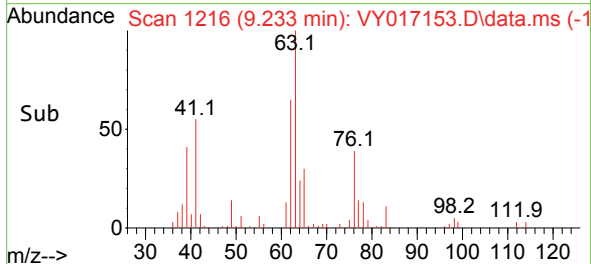
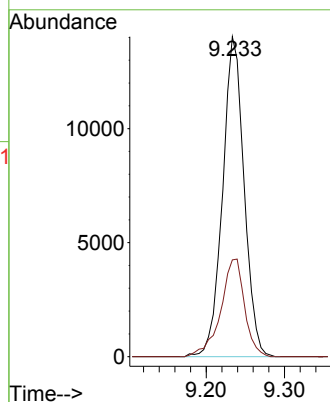
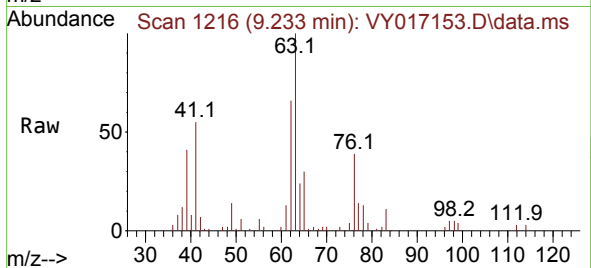
VY0131SBS01

Tgt Ion: 63 Resp: 26774

Ion Ratio Lower Upper

63 100

65 30.3 24.6 36.8



#46

Dibromomethane

Concen: 22.400 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

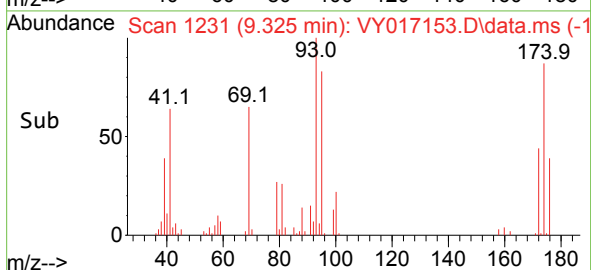
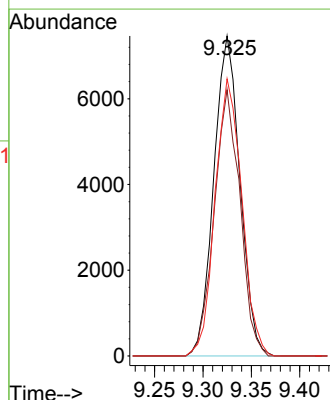
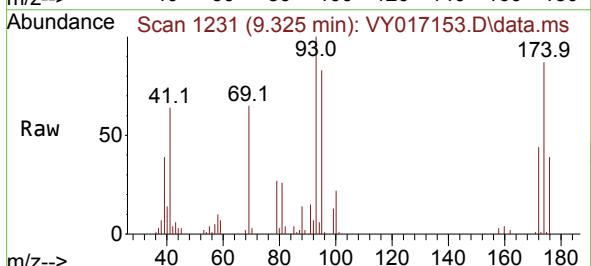
Tgt Ion: 93 Resp: 14055

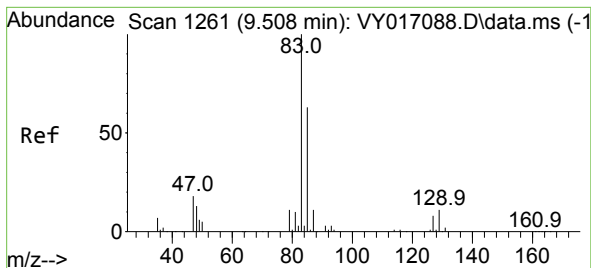
Ion Ratio Lower Upper

93 100

95 81.7 66.6 99.8

174 88.4 73.8 110.6





#47

Bromodichloromethane

Concen: 23.041 ug/l

RT: 9.514 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

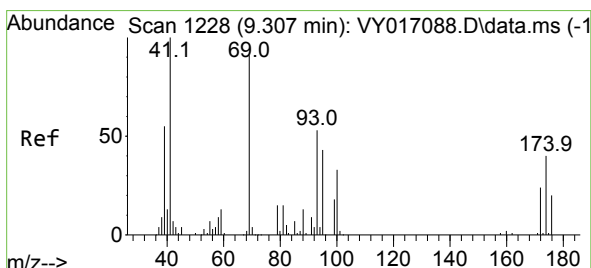
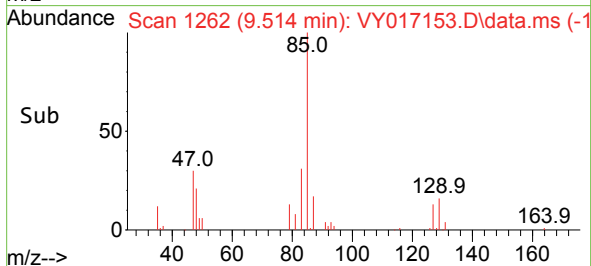
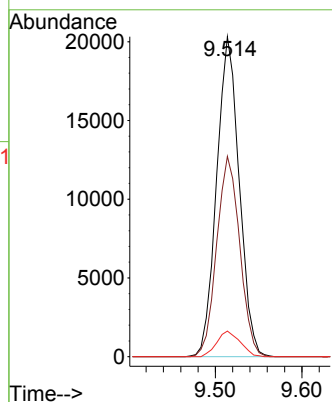
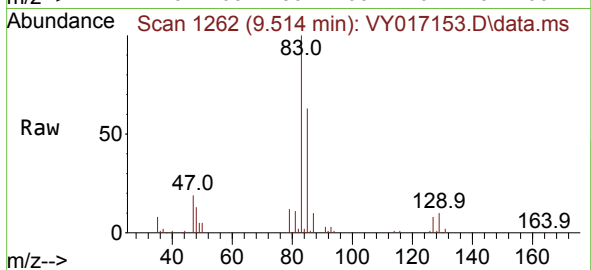
Tgt Ion: 83 Resp: 36780

Ion Ratio Lower Upper

83 100

85 62.6 53.2 79.8

127 8.0 6.4 9.6



#48

Methyl methacrylate

Concen: 22.181 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

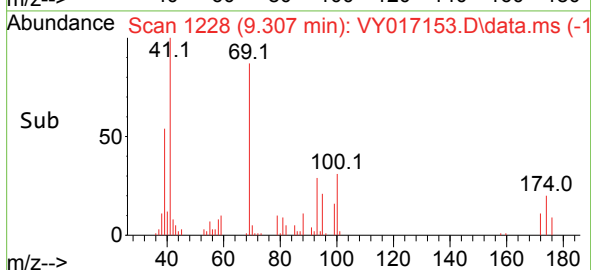
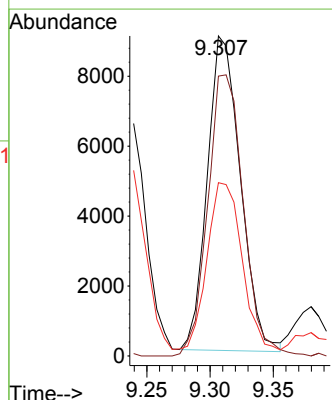
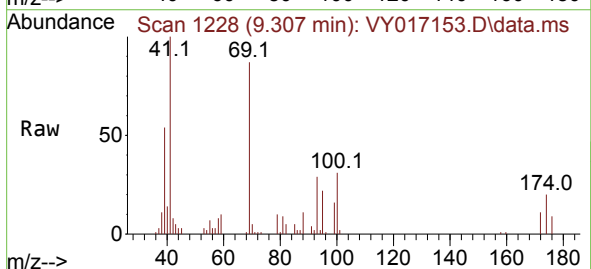
Tgt Ion: 41 Resp: 16386

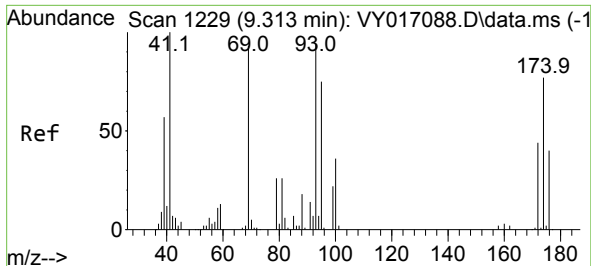
Ion Ratio Lower Upper

41 100

69 96.0 72.1 108.1

39 60.6 42.8 64.2





#49

1,4-Dioxane

Concen: 495.696 ug/l

RT: 9.313 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

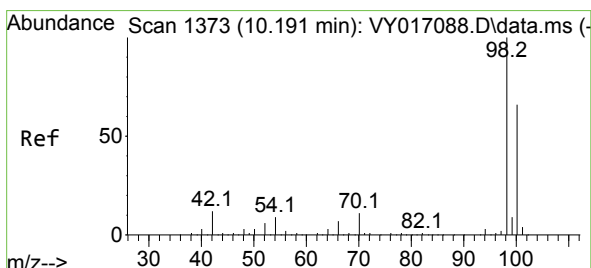
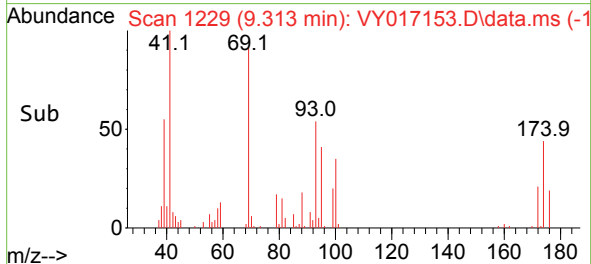
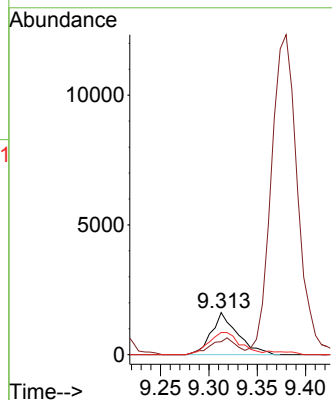
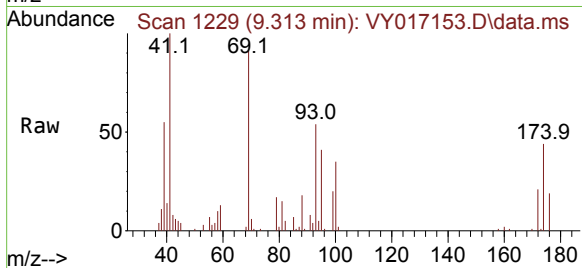
Tgt Ion: 88 Resp: 3059

Ion Ratio Lower Upper

88 100

43 38.7 28.2 42.4

58 63.4 52.2 78.2



#50

Toluene-d8

Concen: 55.136 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY017153.D

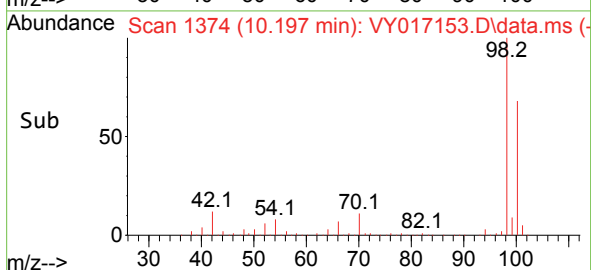
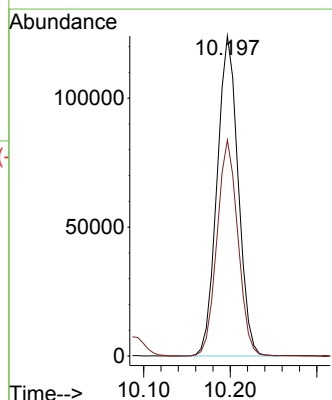
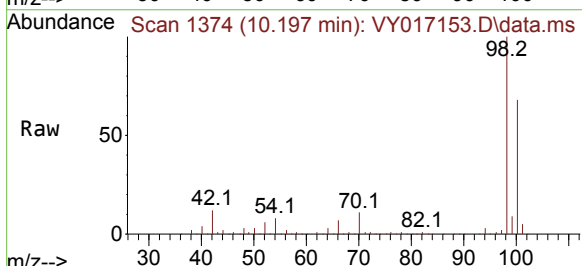
Acq: 31 Jan 2024 11:58

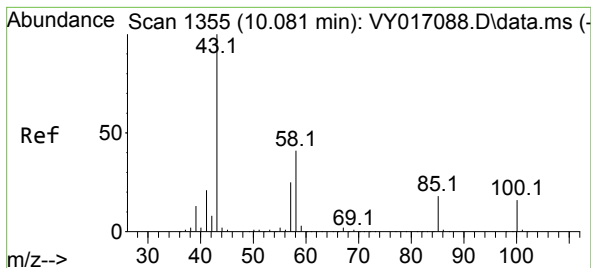
Tgt Ion: 98 Resp: 209793

Ion Ratio Lower Upper

98 100

100 66.8 52.3 78.5

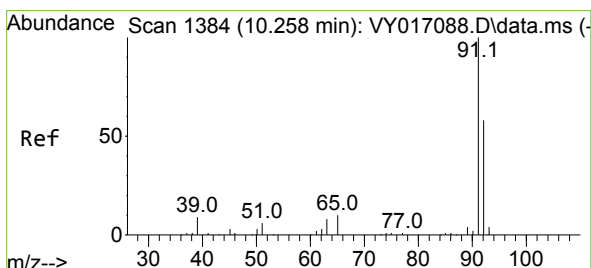
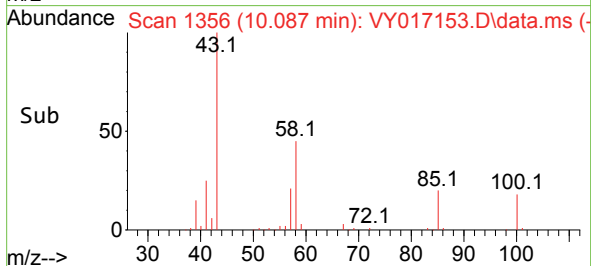
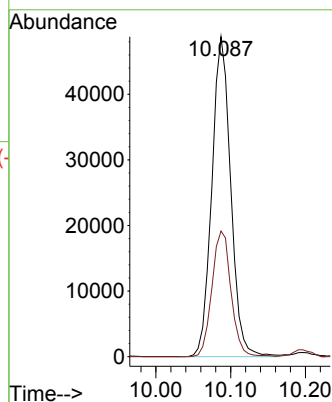
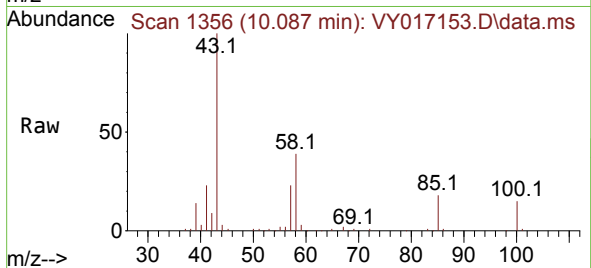




#51
4-Methyl-2-Pentanone
Concen: 121.311 ug/l
RT: 10.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

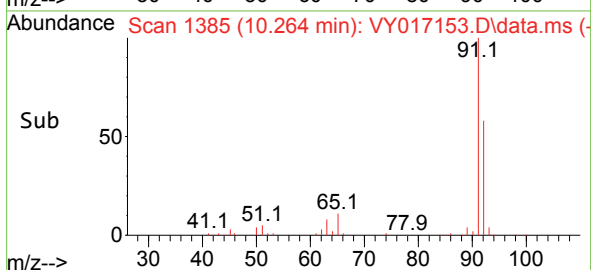
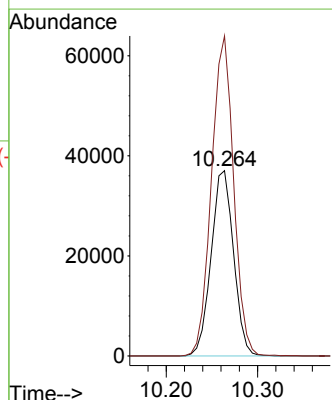
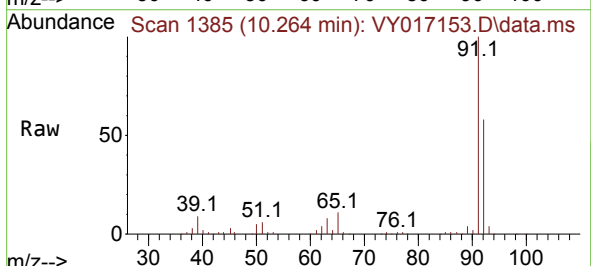
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

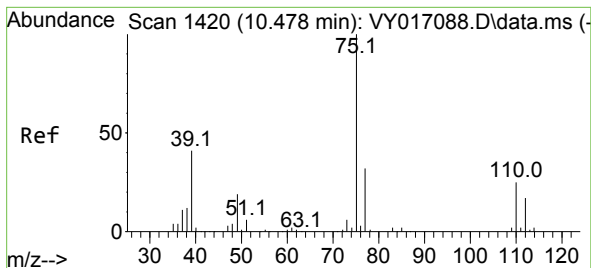
Tgt Ion: 43 Resp: 85859
Ion Ratio Lower Upper
43 100
58 39.7 32.2 48.2



#52
Toluene
Concen: 21.655 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 92 Resp: 63091
Ion Ratio Lower Upper
92 100
91 170.7 137.6 206.4

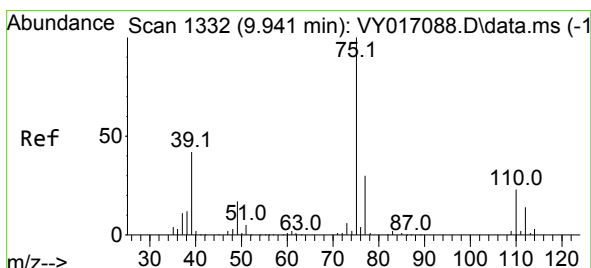
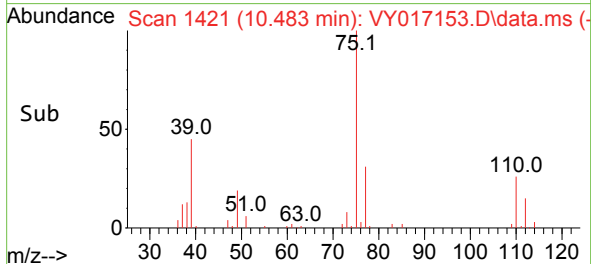
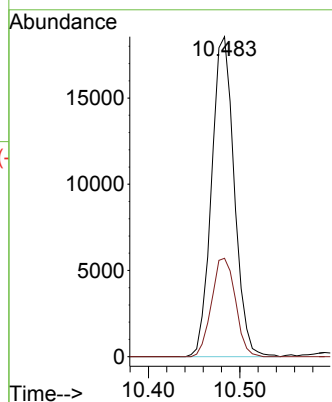
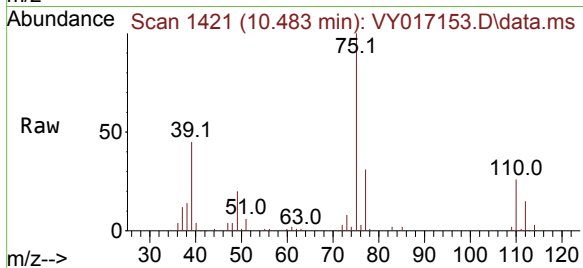




#53
 t-1,3-Dichloropropene
 Concen: 21.916 ug/l
 RT: 10.483 min Scan# 1420
 Delta R.T. 0.012 min
 Lab File: VY017153.D
 Acq: 31 Jan 2024 11:58

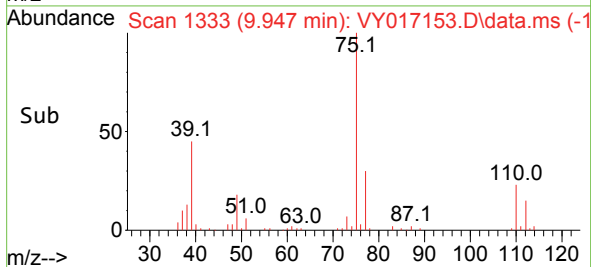
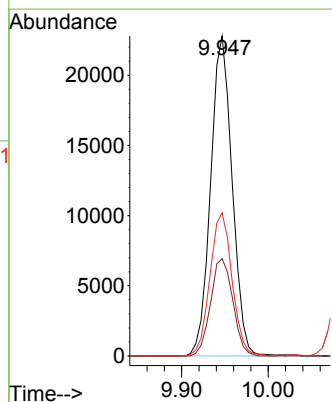
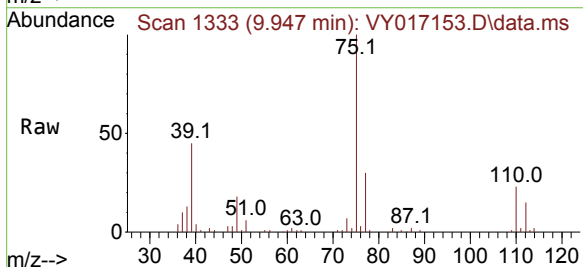
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBSD01

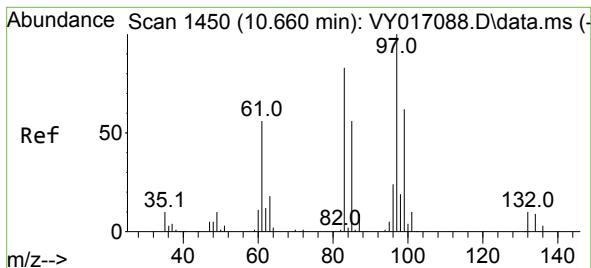
Tgt Ion: 75 Resp: 31959
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 21.918 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY017153.D
 Acq: 31 Jan 2024 11:58

Tgt Ion: 75 Resp: 39310
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.6 36.8
 39 44.7 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 23.089 ug/l

RT: 10.660 min Scan# 1450

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

Tgt Ion: 97 Resp: 20248

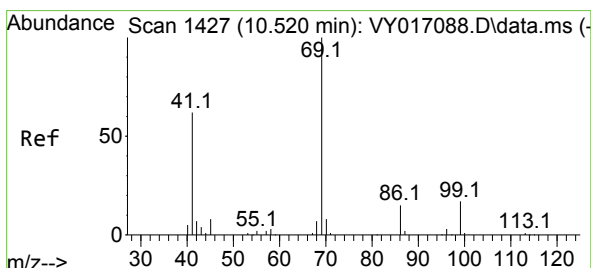
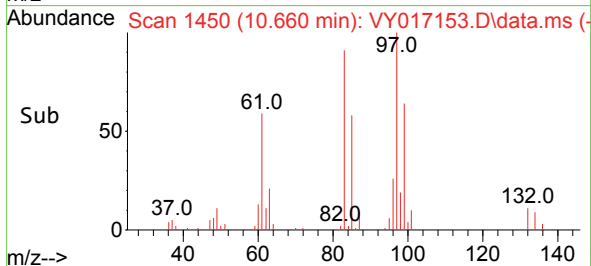
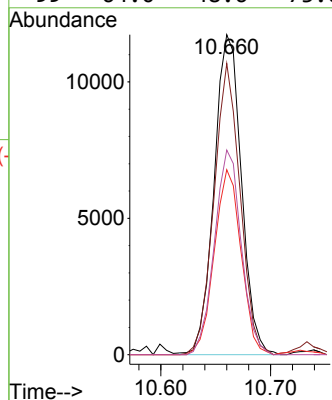
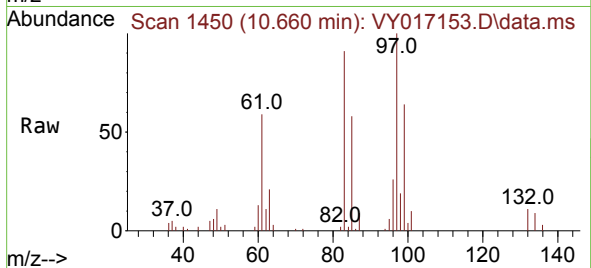
Ion Ratio Lower Upper

97 100

83 91.0 69.4 104.2

85 57.8 43.9 65.9

99 64.0 48.6 73.0



#56

Ethyl methacrylate

Concen: 22.697 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

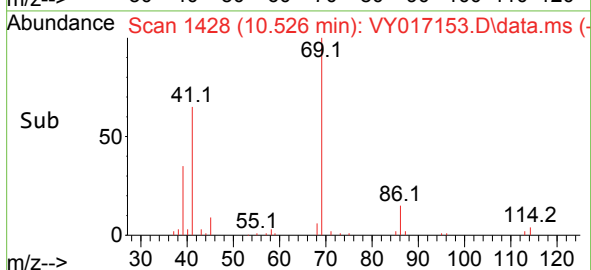
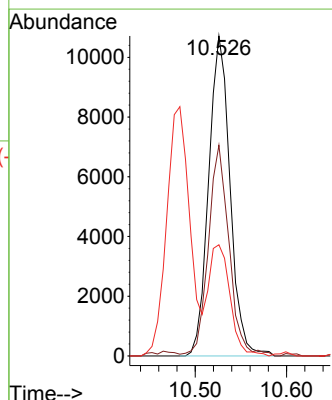
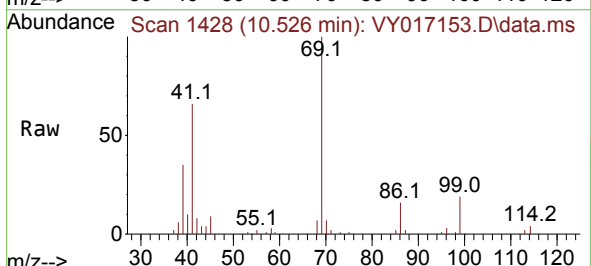
Tgt Ion: 69 Resp: 17406

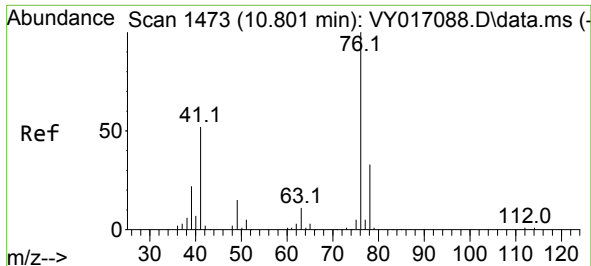
Ion Ratio Lower Upper

69 100

41 63.8 49.2 73.8

39 34.5 26.8 40.2





#57

1,3-Dichloropropane

Concen: 22.891 ug/l

RT: 10.806 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

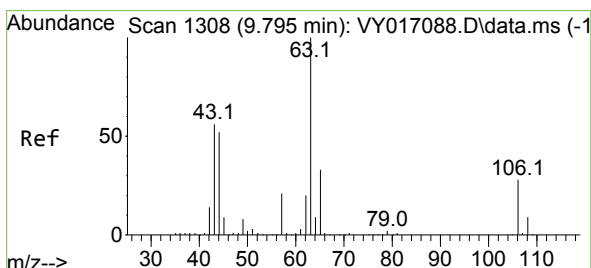
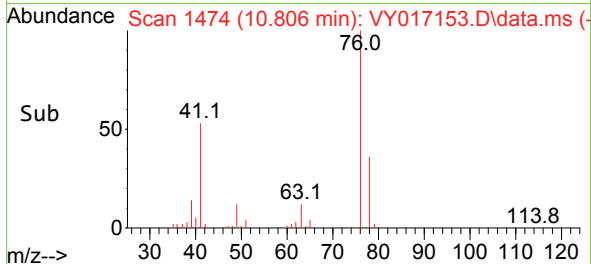
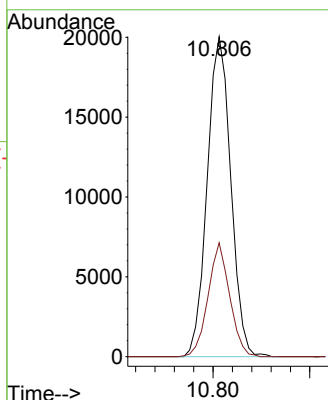
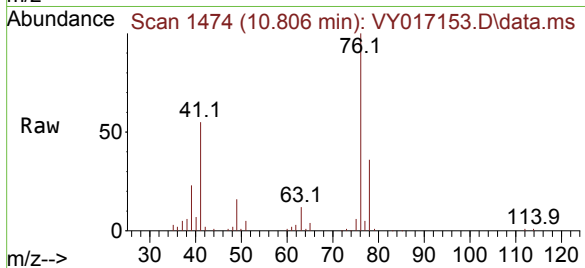
VY0131SBSD01

Tgt Ion: 76 Resp: 33939

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 123.292 ug/l

RT: 9.800 min Scan# 1309

Delta R.T. 0.012 min

Lab File: VY017153.D

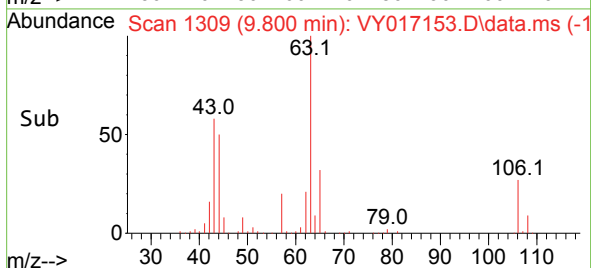
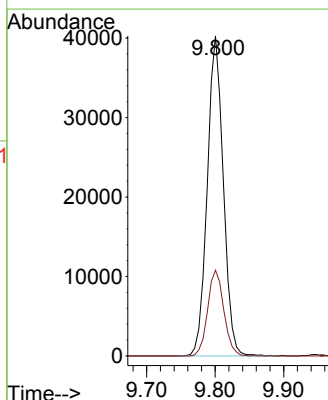
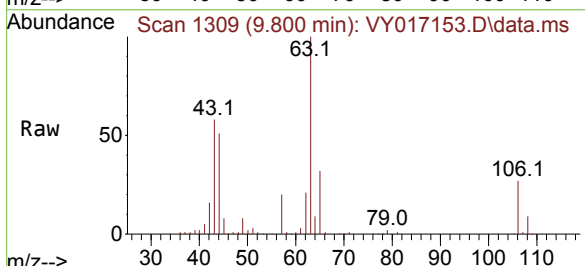
Acq: 31 Jan 2024 11:58

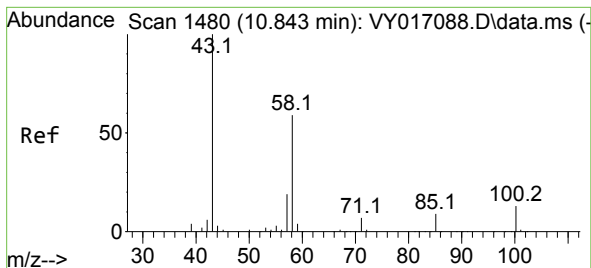
Tgt Ion: 63 Resp: 65632

Ion Ratio Lower Upper

63 100

106 27.0 22.4 33.6





#59

2-Hexanone

Concen: 130.055 ug/l

RT: 10.849 min Scan# 1480

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

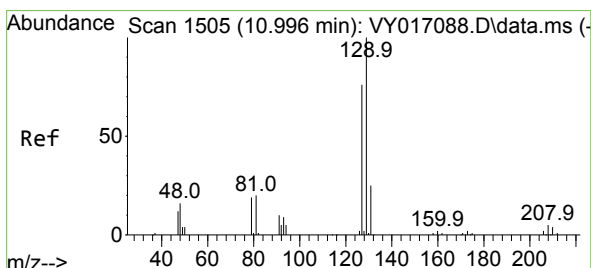
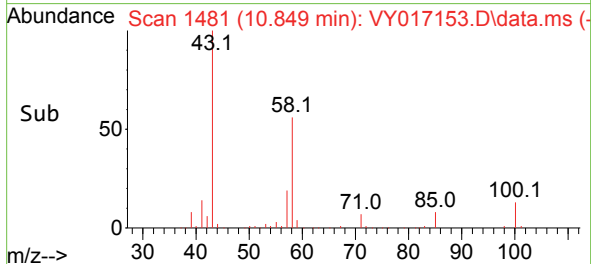
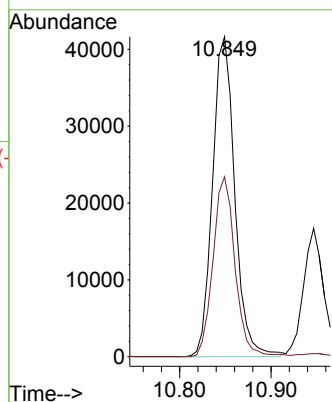
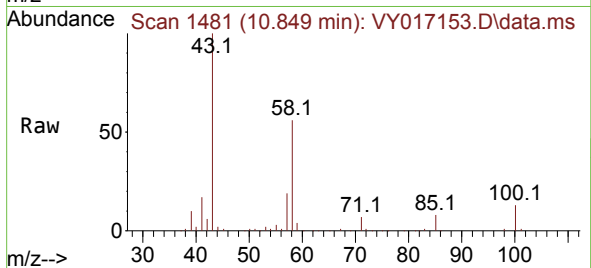
VY0131SBS01

Tgt Ion: 43 Resp: 70224

Ion Ratio Lower Upper

43 100

58 55.8 28.1 84.3



#60

Dibromochloromethane

Concen: 23.150 ug/l

RT: 11.001 min Scan# 1506

Delta R.T. 0.005 min

Lab File: VY017153.D

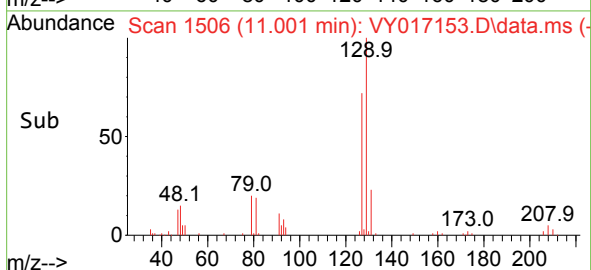
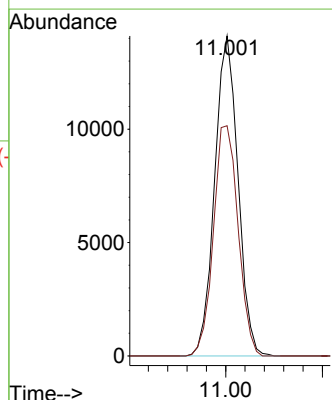
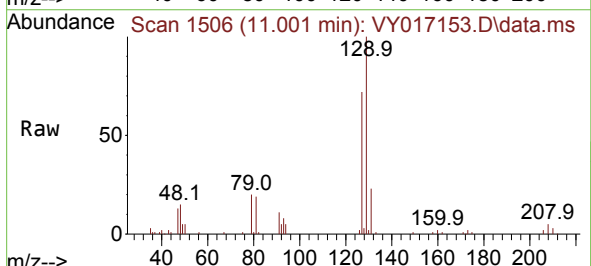
Acq: 31 Jan 2024 11:58

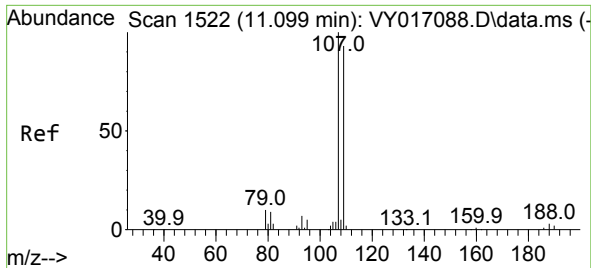
Tgt Ion:129 Resp: 23586

Ion Ratio Lower Upper

129 100

127 76.2 39.2 117.6

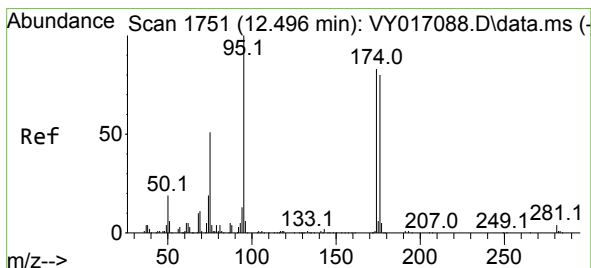
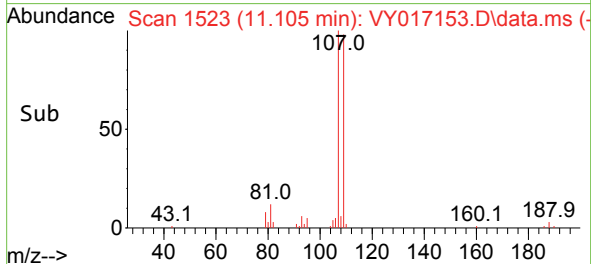
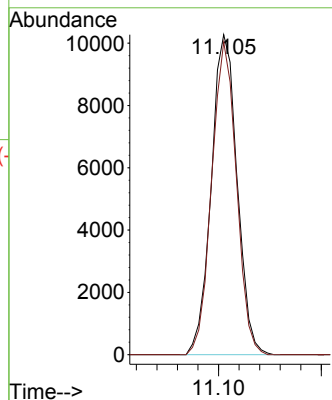
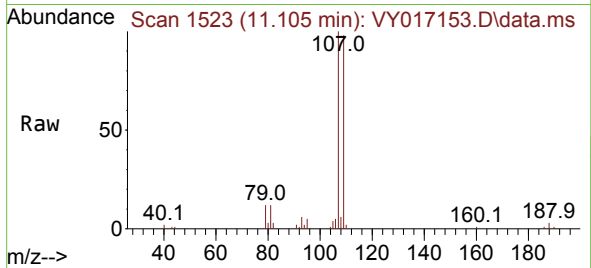




#61
1,2-Dibromoethane
Concen: 22.476 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

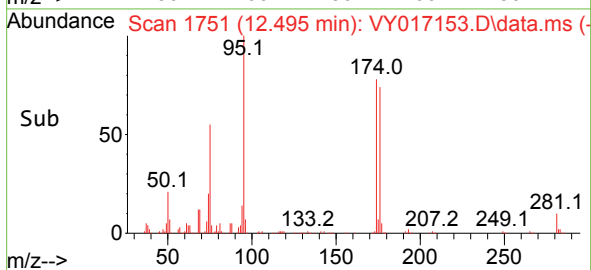
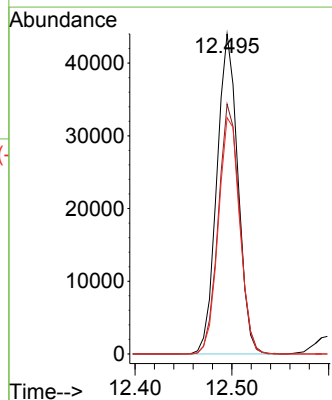
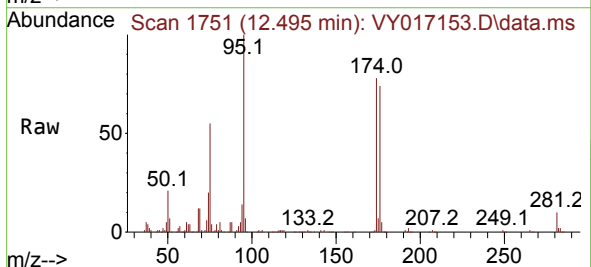
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

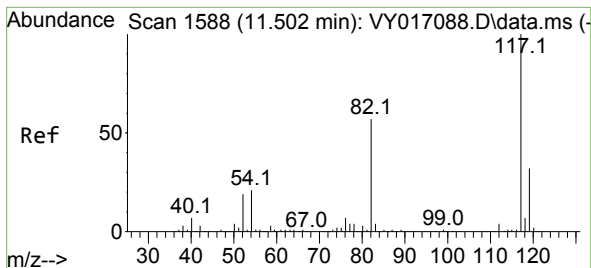
Tgt Ion:107 Resp: 17906
Ion Ratio Lower Upper
107 100
109 93.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 56.708 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 95 Resp: 66470
Ion Ratio Lower Upper
95 100
174 78.9 0.0 160.0
176 75.3 0.0 151.8

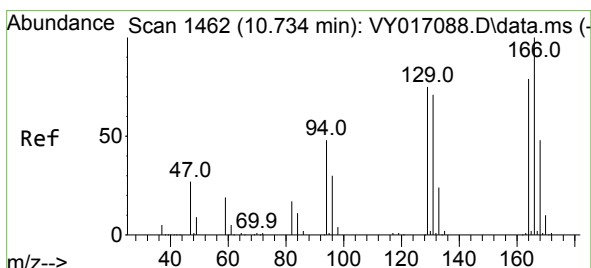
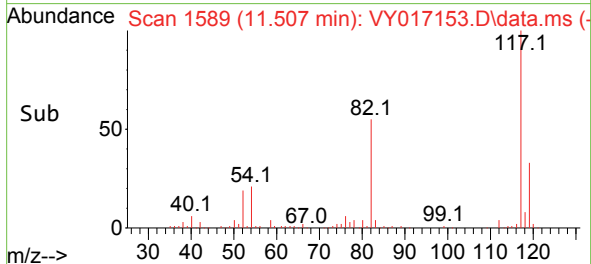
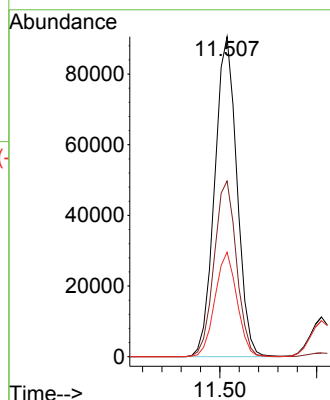
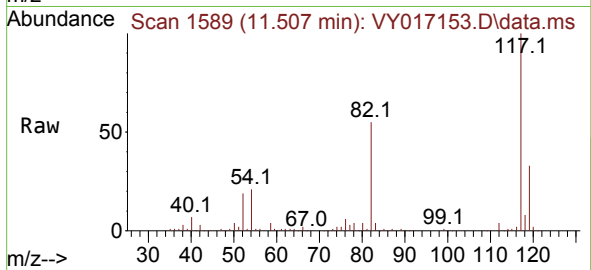




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.507 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

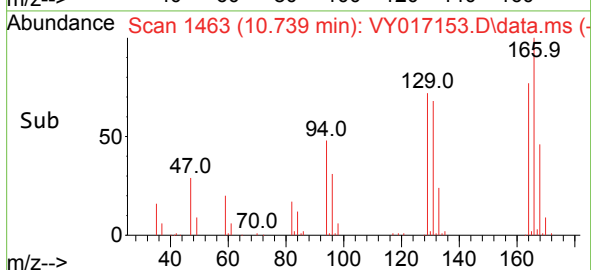
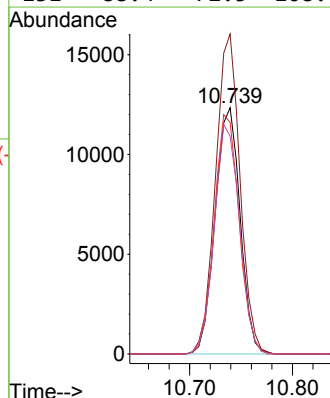
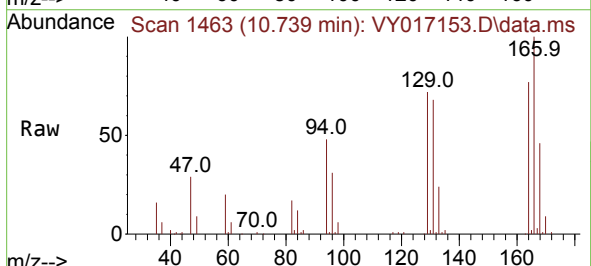
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

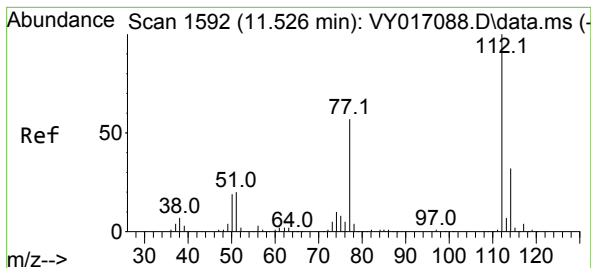
Tgt Ion:117 Resp: 144405
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.8
119 32.7 26.5 39.7



#64
Tetrachloroethene
Concen: 20.658 ug/l
RT: 10.739 min Scan# 1463
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion:164 Resp: 20793
Ion Ratio Lower Upper
164 100
166 130.0 98.8 148.2
129 94.1 78.9 118.3
131 88.4 72.5 108.7





#65

Chlorobenzene

Concen: 21.702 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

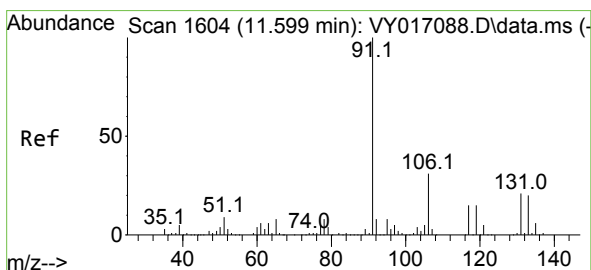
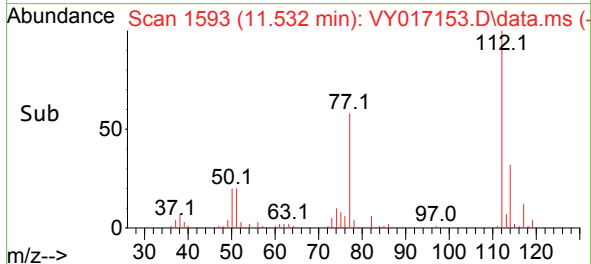
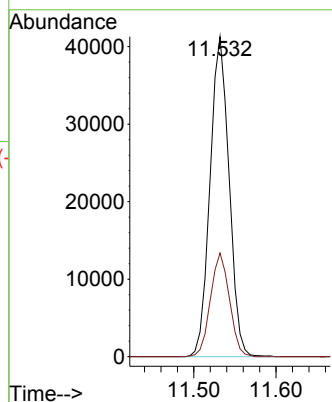
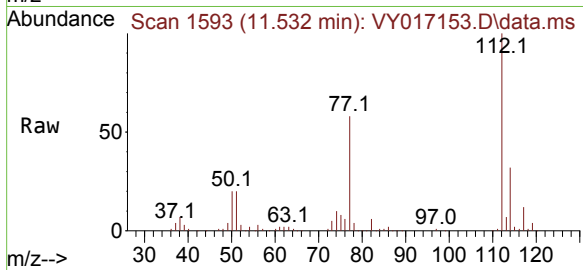
VY0131SBS01

Tgt Ion:112 Resp: 66411

Ion Ratio Lower Upper

112 100

114 32.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 22.222 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

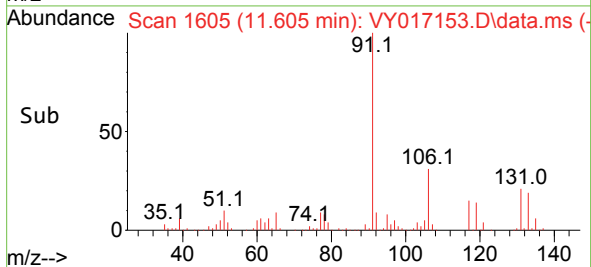
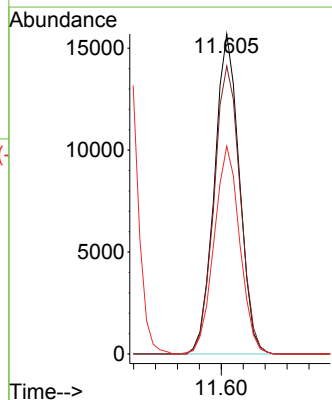
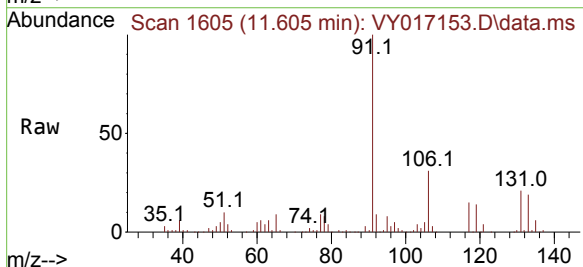
Tgt Ion:131 Resp: 24839

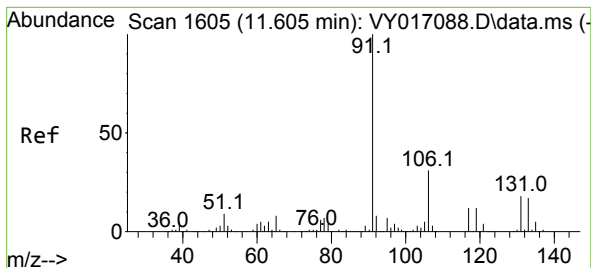
Ion Ratio Lower Upper

131 100

133 94.3 47.0 141.0

119 66.7 33.3 99.9





#67

Ethyl Benzene

Concen: 21.191 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

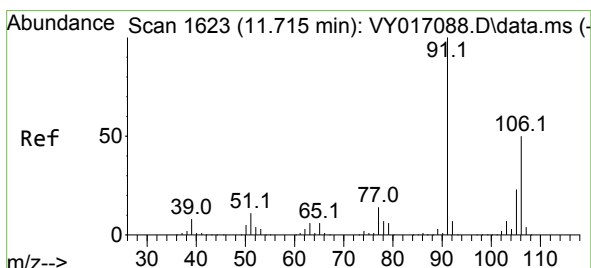
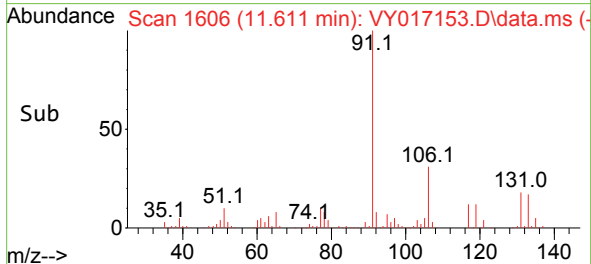
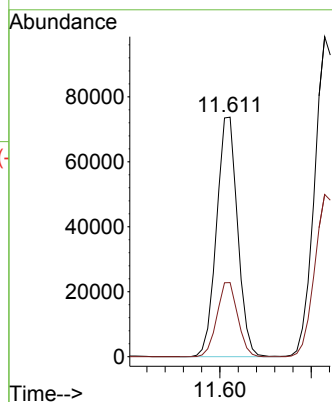
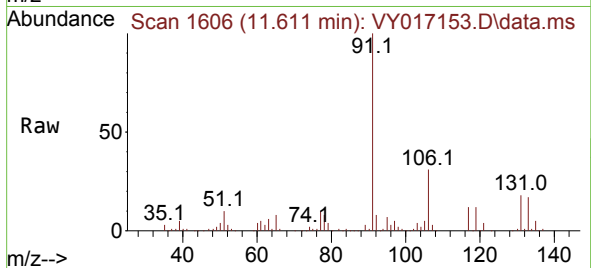
VY0131SBSD01

Tgt Ion: 91 Resp: 117887

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.4



#68

m/p-Xylenes

Concen: 43.600 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017153.D

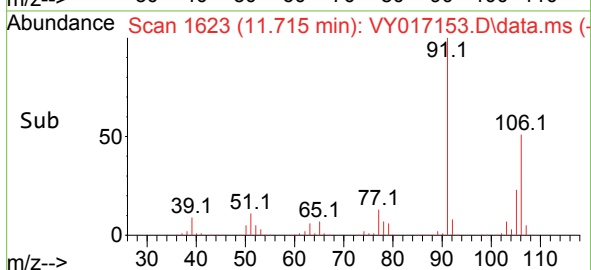
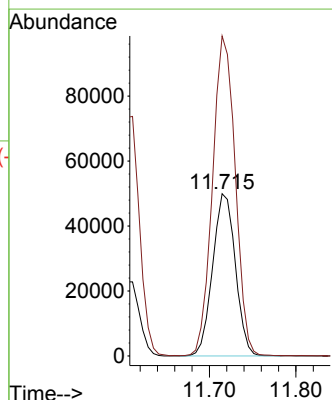
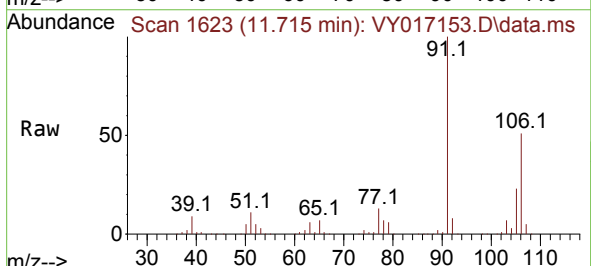
Acq: 31 Jan 2024 11:58

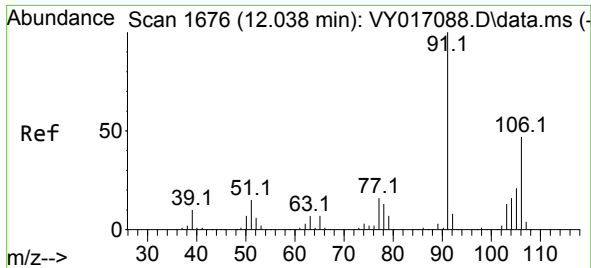
Tgt Ion:106 Resp: 91129

Ion Ratio Lower Upper

106 100

91 197.0 160.7 241.1

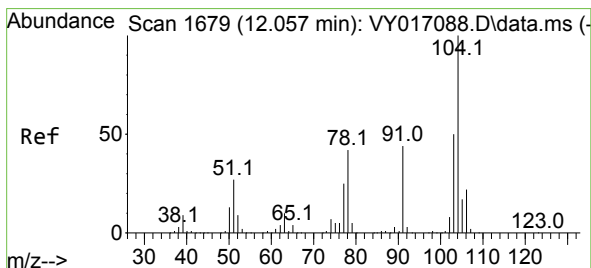
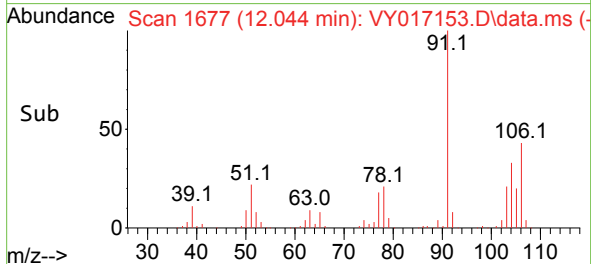
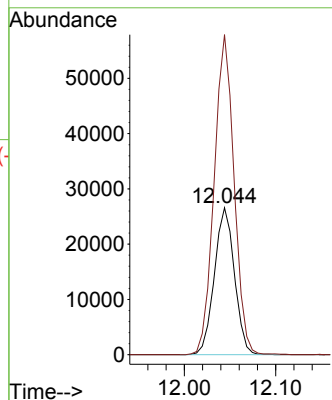
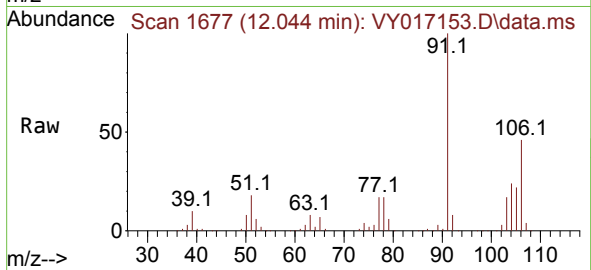




#69
o-Xylene
Concen: 21.433 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

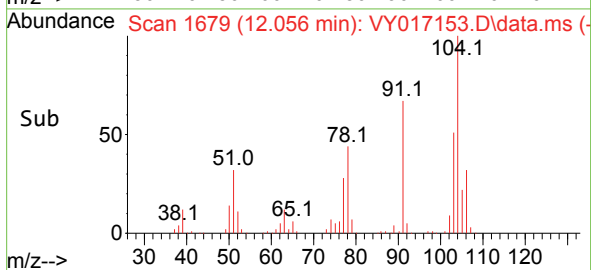
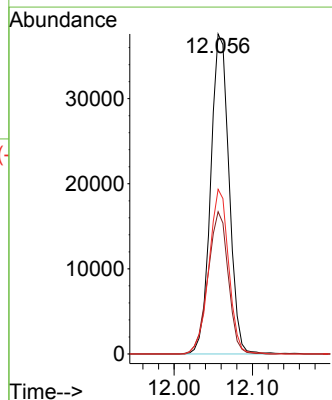
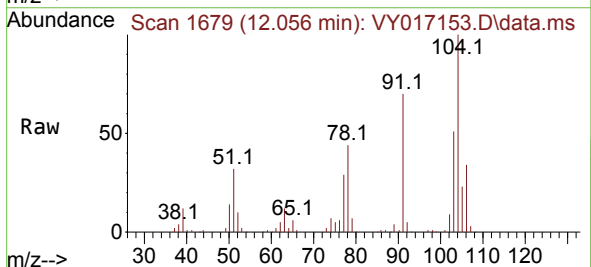
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

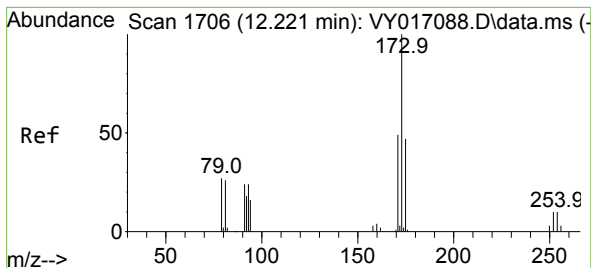
Tgt Ion:106 Resp: 40692
Ion Ratio Lower Upper
106 100
91 216.1 106.5 319.5



#70
Styrene
Concen: 22.257 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion:104 Resp: 61347
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 55.2 43.8 65.6





#71

Bromoform

Concen: 22.347 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

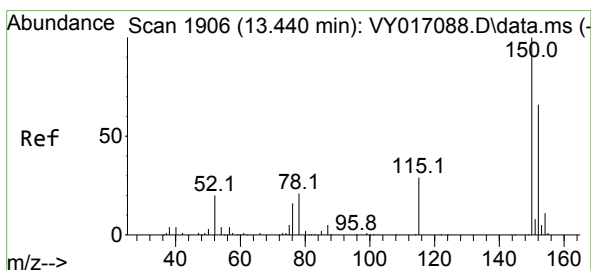
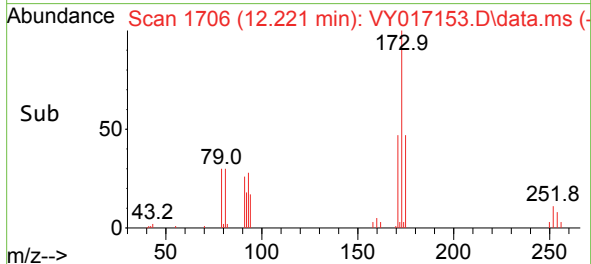
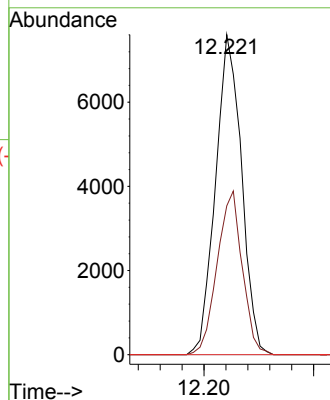
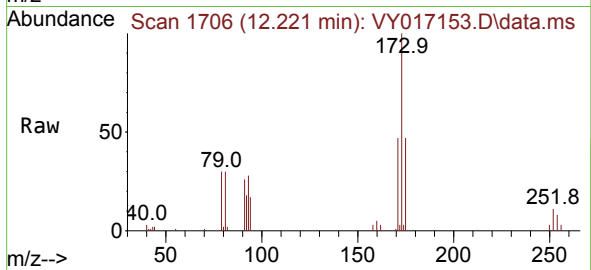
Tgt Ion:173 Resp: 12525

Ion Ratio Lower Upper

173 100

175 49.4 23.5 70.6

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: VY017153.D

Acq: 31 Jan 2024 11:58

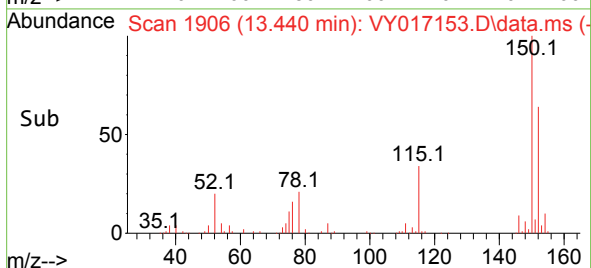
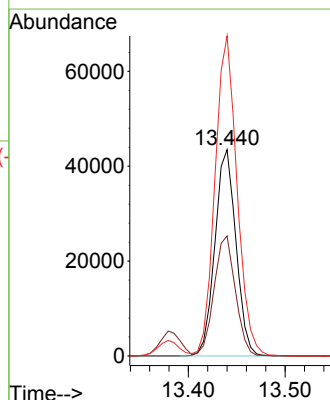
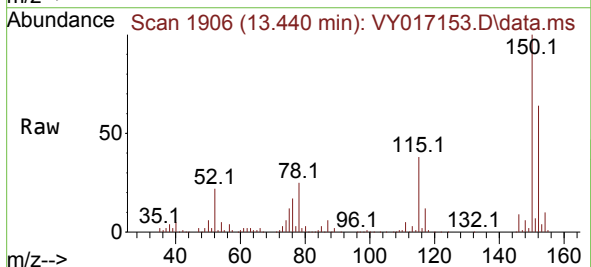
Tgt Ion:152 Resp: 65809

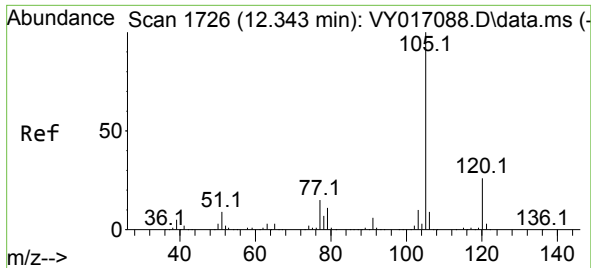
Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 162.2 0.0 344.6

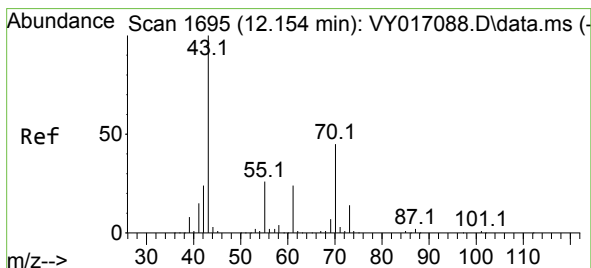
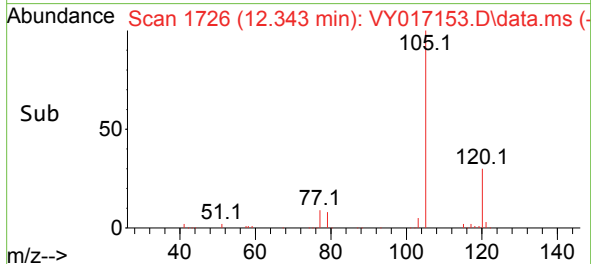
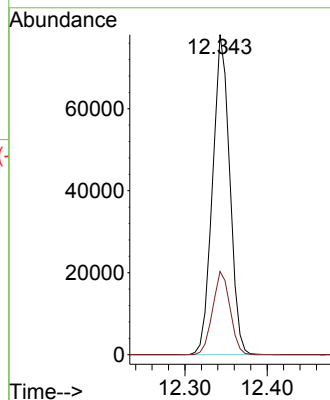
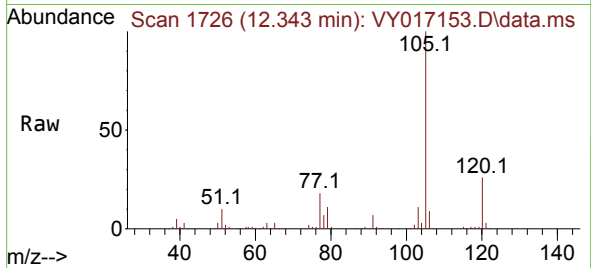




#73
Isopropylbenzene
Concen: 20.955 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

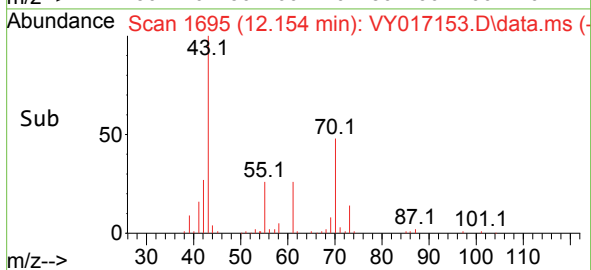
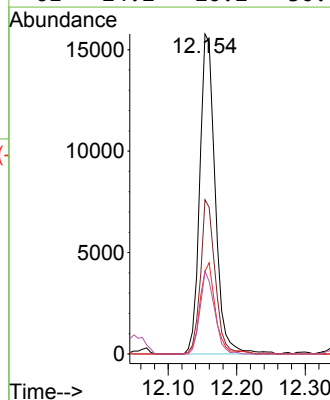
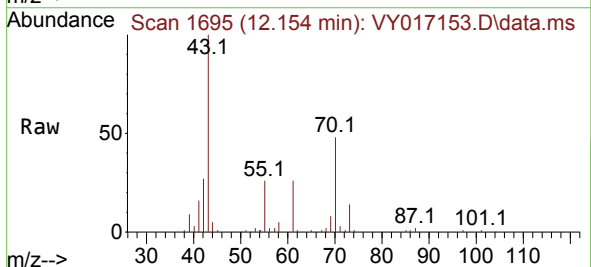
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

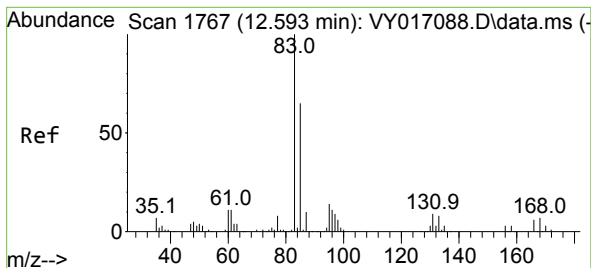
Tgt Ion:105 Resp: 113365
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0



#74
N-ethyl acetate
Concen: 22.751 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 43 Resp: 24809
Ion Ratio Lower Upper
43 100
70 45.8 36.6 55.0
55 28.4 22.2 33.4
61 24.2 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.753 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

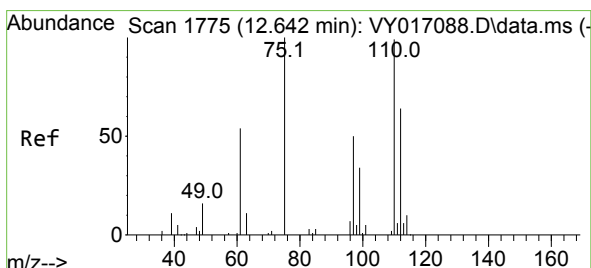
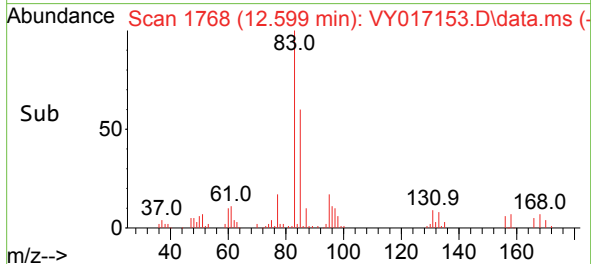
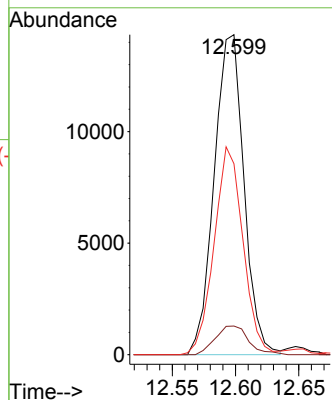
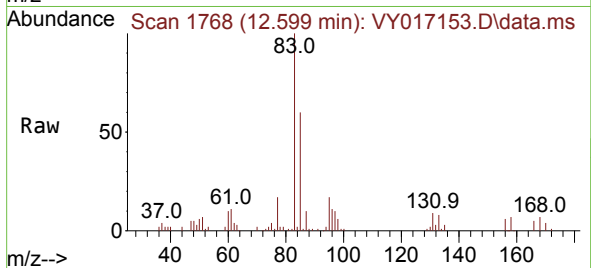
Tgt Ion: 83 Resp: 23472

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.6

85 63.2 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 34.795 ug/l

RT: 12.641 min Scan# 1775

Delta R.T. -0.001 min

Lab File: VY017153.D

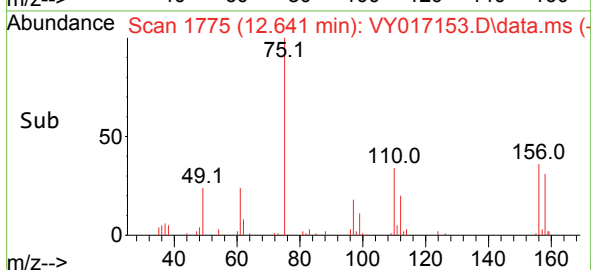
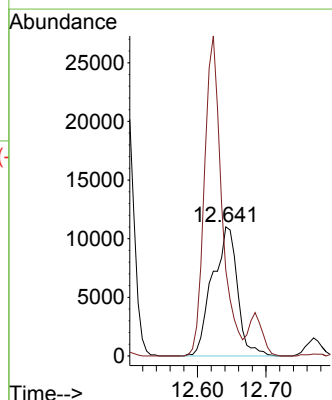
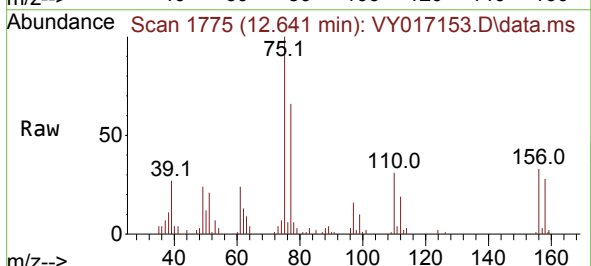
Acq: 31 Jan 2024 11:58

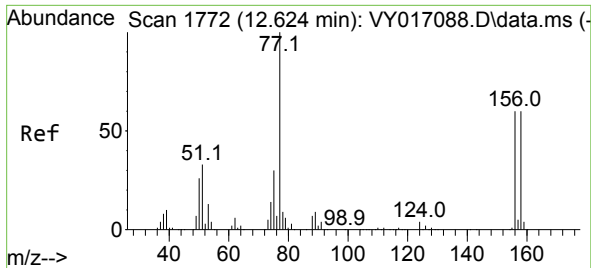
Tgt Ion: 75 Resp: 27794

Ion Ratio Lower Upper

75 100

77 174.0 0.0 0.0#

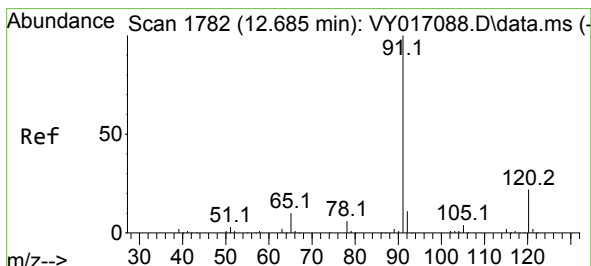
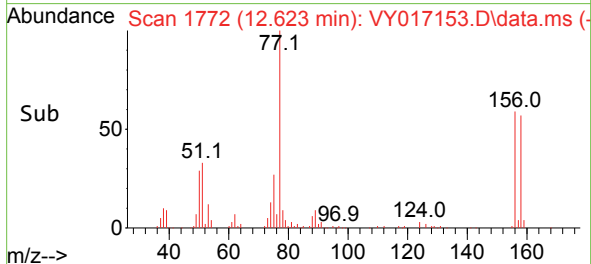
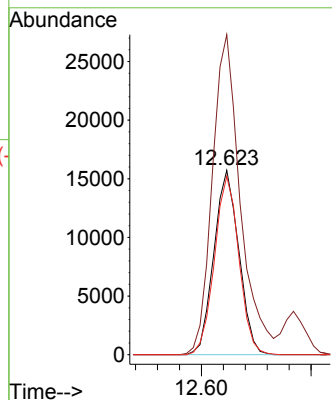
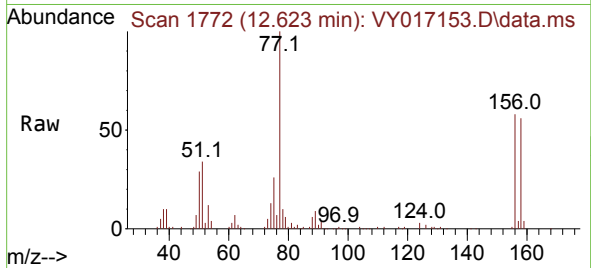




#77
Bromobenzene
Concen: 21.268 ug/l
RT: 12.623 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

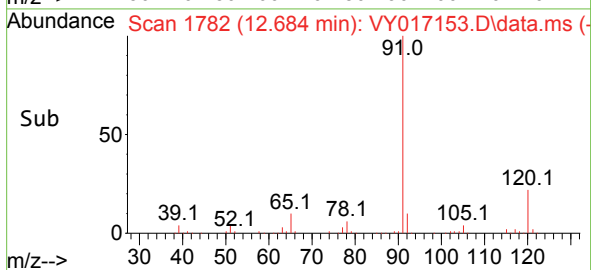
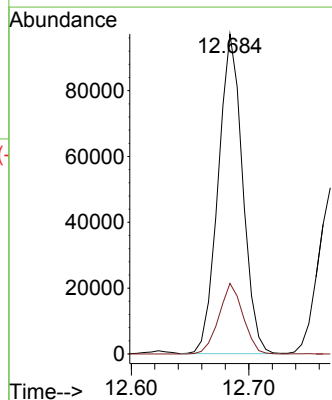
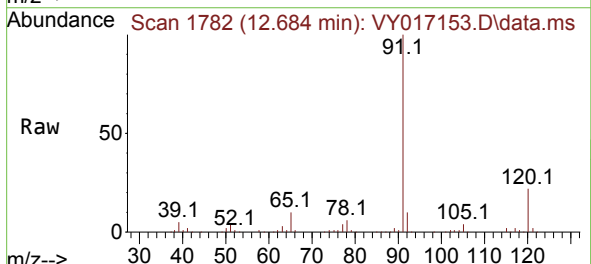
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

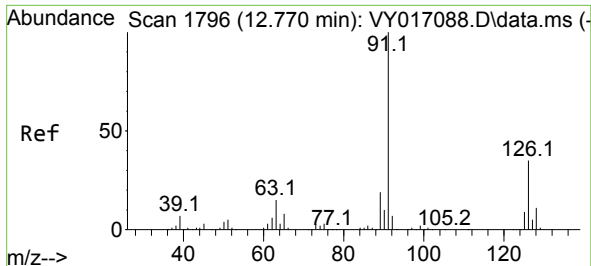
Tgt Ion:156 Resp: 24897
Ion Ratio Lower Upper
156 100
77 194.3 97.3 291.8
158 94.6 48.4 145.0



#78
n-propylbenzene
Concen: 21.550 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 91 Resp: 140229
Ion Ratio Lower Upper
91 100
120 21.8 11.0 33.0

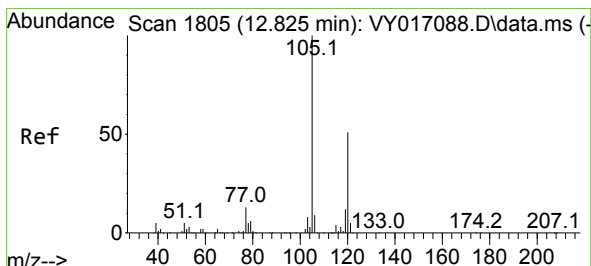
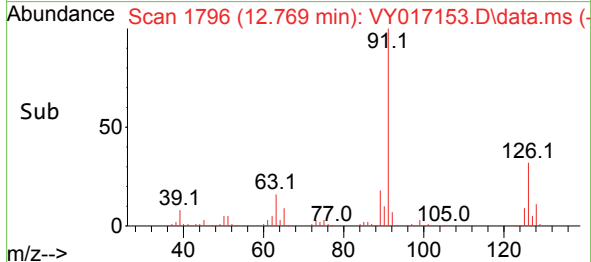
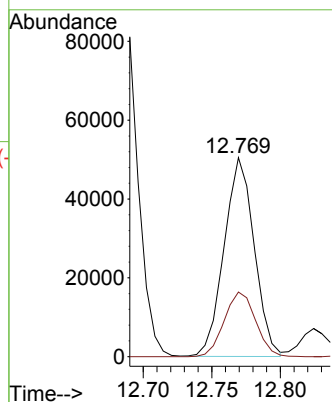
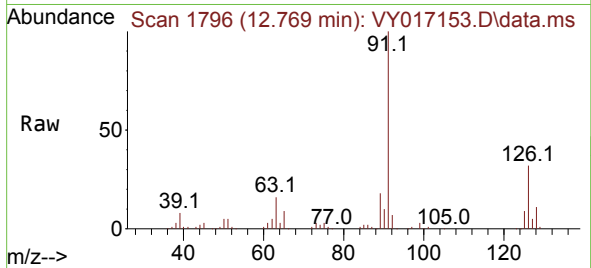




#79
2-Chlorotoluene
Concen: 21.612 ug/l
RT: 12.769 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

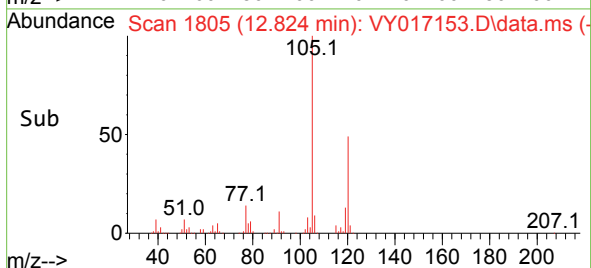
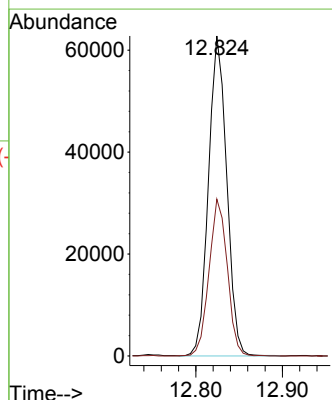
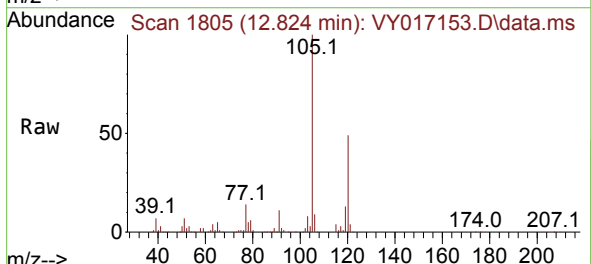
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

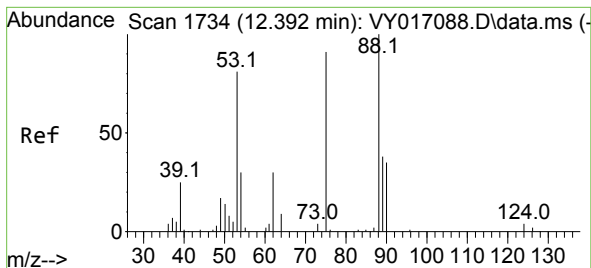
Tgt Ion: 91 Resp: 77170
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.464 ug/l
RT: 12.824 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 105 Resp: 91902
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8

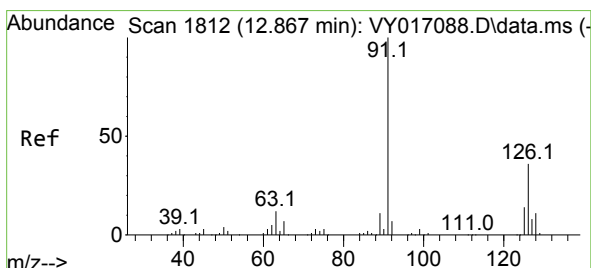
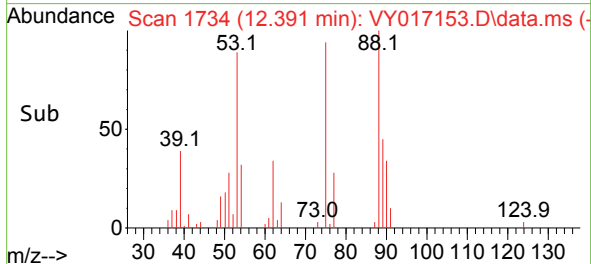
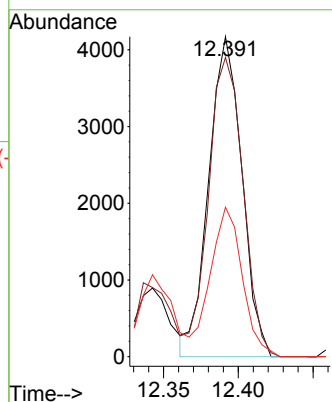
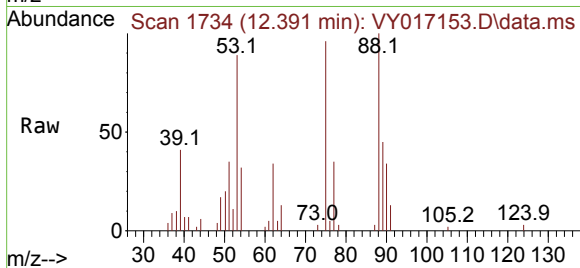




#81
trans-1,4-Dichloro-2-butene
Concen: 20.817 ug/l
RT: 12.391 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

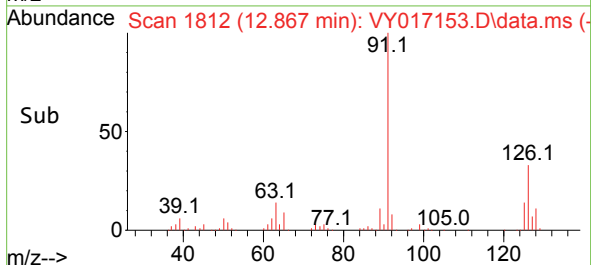
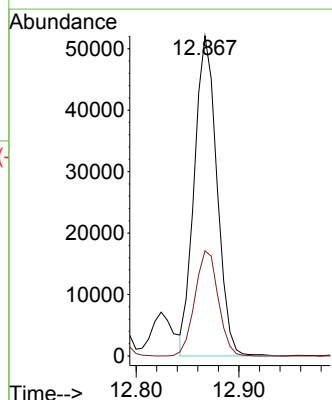
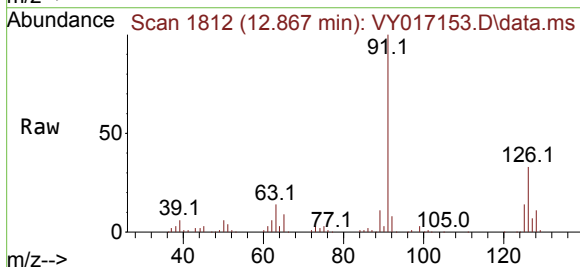
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

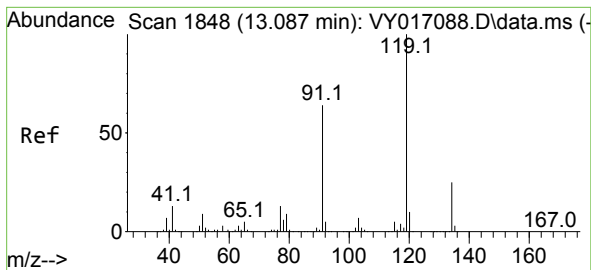
Tgt Ion:	75	Resp:	6423
Ion	Ratio	Lower	Upper
75	100		
53	97.9	74.0	111.0
89	45.0	36.5	54.7



#82
4-Chlorotoluene
Concen: 21.552 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion:	91	Resp:	79759
Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.1	51.2





#83

tert-Butylbenzene

Concen: 21.312 ug/l

RT: 13.086 min Scan# 1848

Delta R.T. -0.001 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

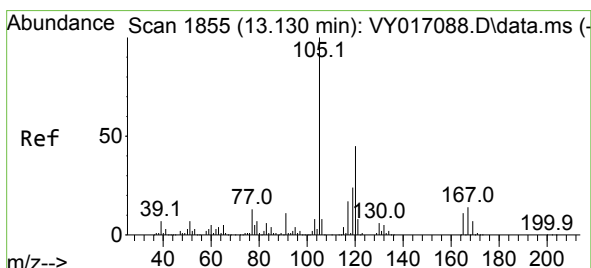
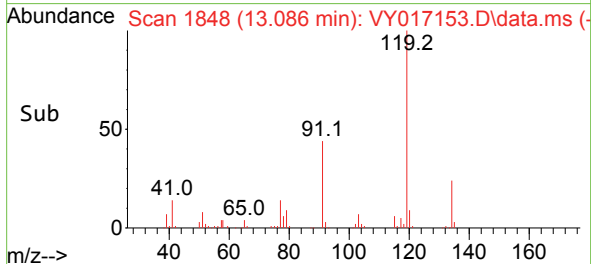
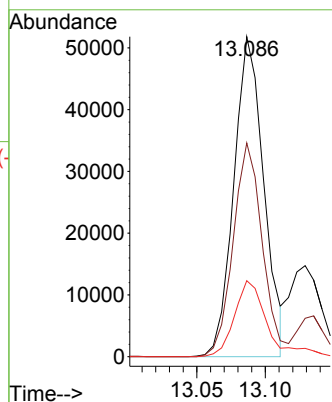
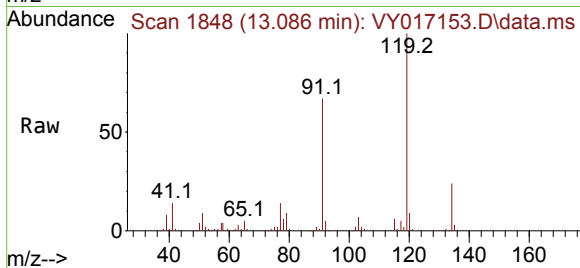
Tgt Ion:119 Resp: 78929

Ion Ratio Lower Upper

119 100

91 65.1 31.5 94.5

134 25.8 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 21.287 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY017153.D

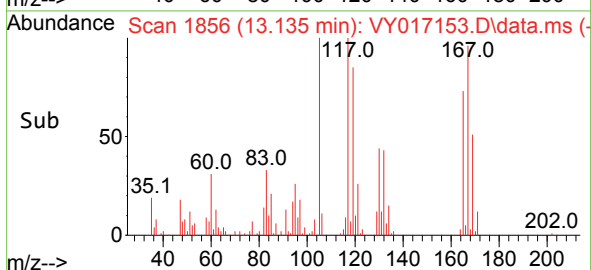
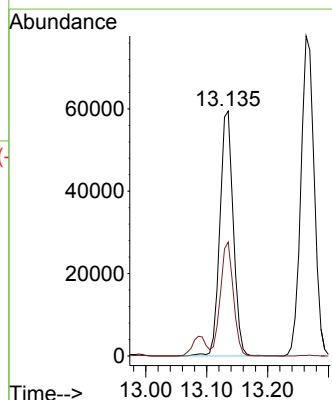
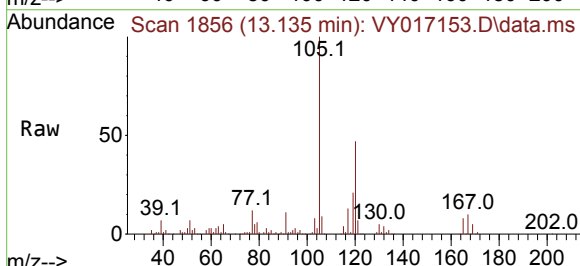
Acq: 31 Jan 2024 11:58

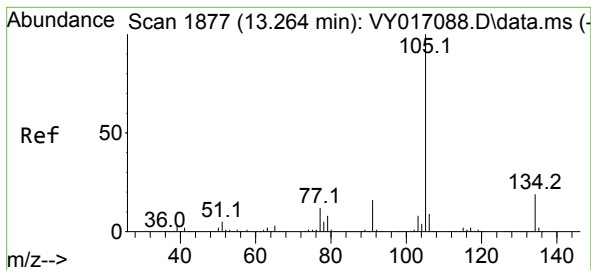
Tgt Ion:105 Resp: 90590

Ion Ratio Lower Upper

105 100

120 45.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 21.463 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

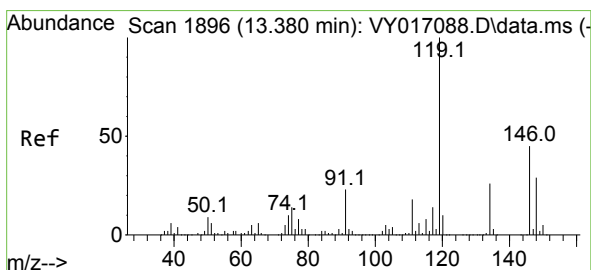
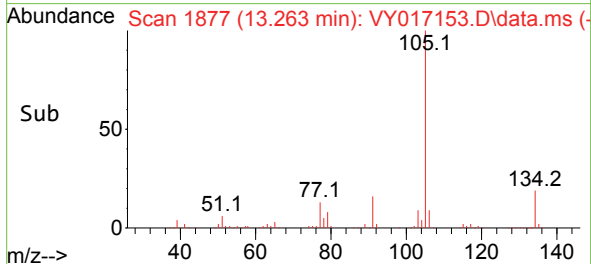
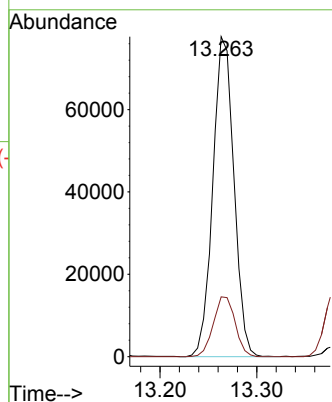
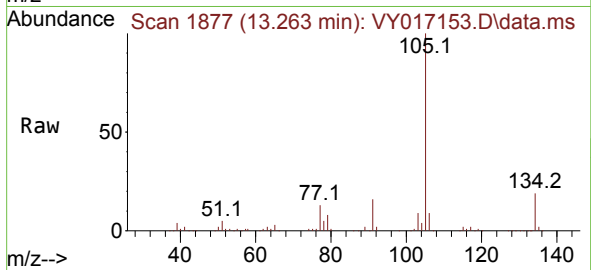
VY0131SBSD01

Tgt Ion:105 Resp: 117700

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 21.134 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

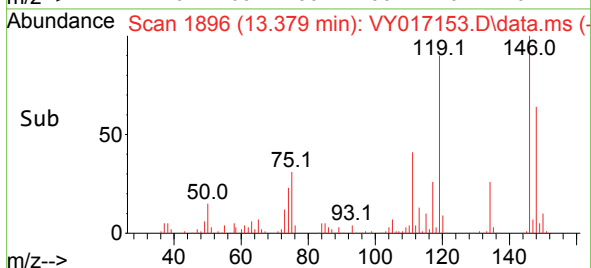
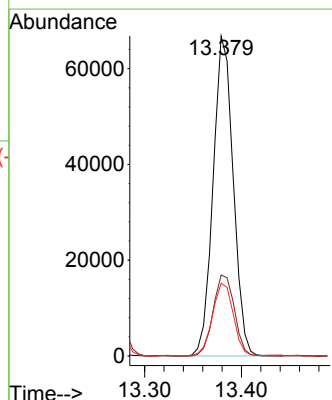
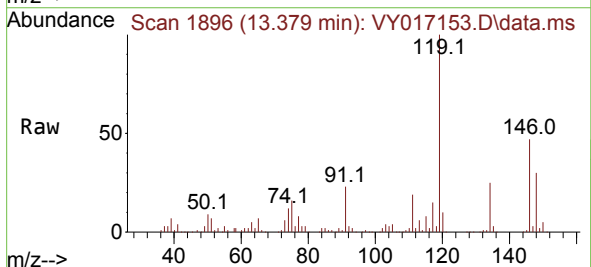
Tgt Ion:119 Resp: 96540

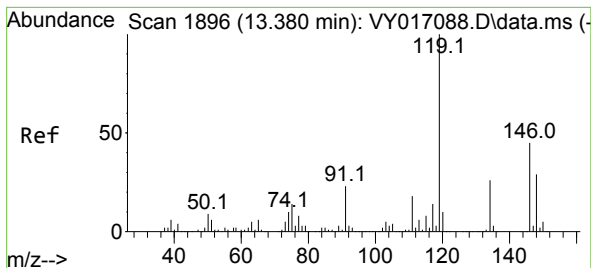
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 23.7 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 21.076 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

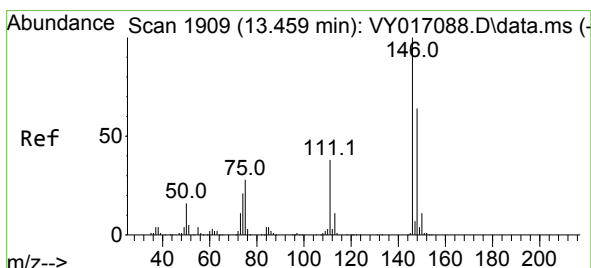
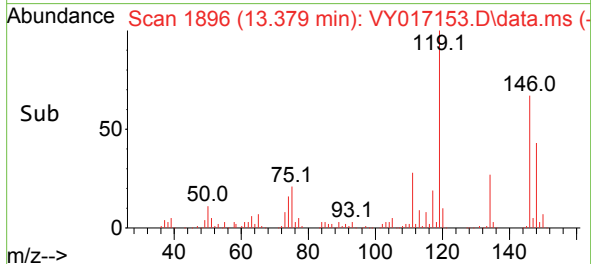
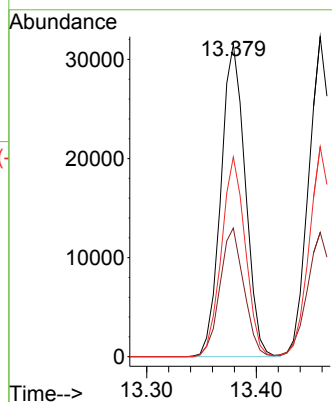
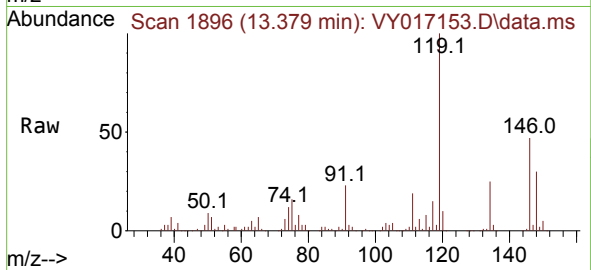
Tgt Ion:146 Resp: 48711

Ion Ratio Lower Upper

146 100

111 40.5 20.2 60.5

148 62.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 21.290 ug/l

RT: 13.458 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

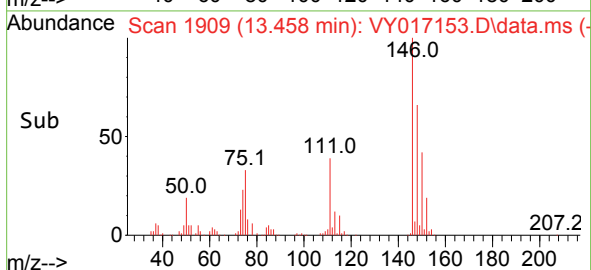
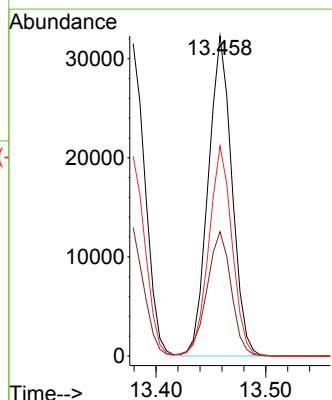
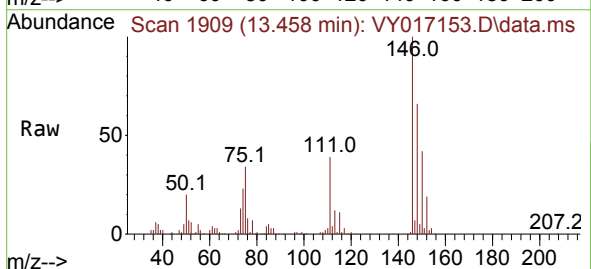
Tgt Ion:146 Resp: 48414

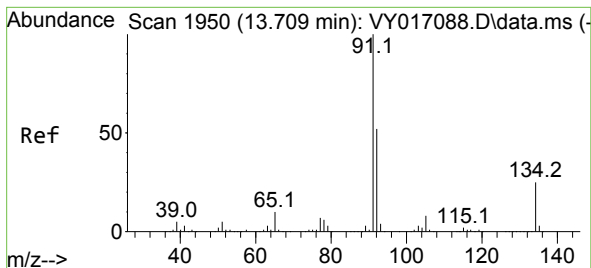
Ion Ratio Lower Upper

146 100

111 40.1 19.3 57.9

148 64.6 31.6 94.7





#89

n-Butylbenzene

Concen: 21.298 ug/l

RT: 13.708 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

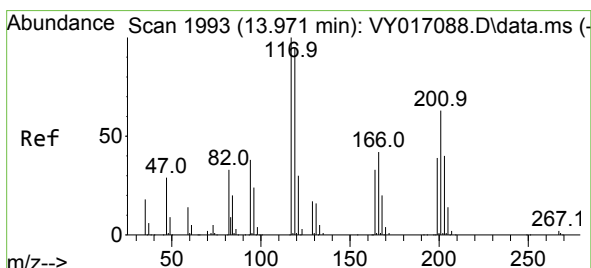
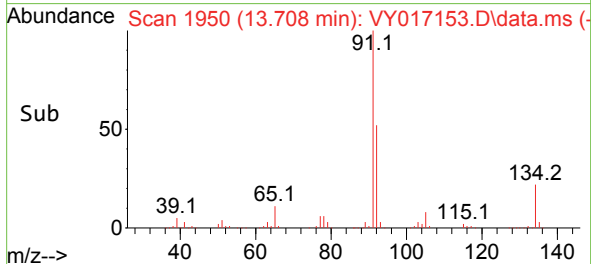
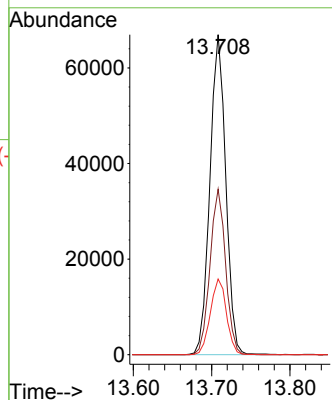
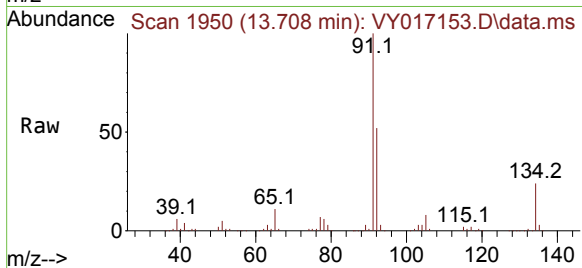
Tgt Ion: 91 Resp: 93841

Ion Ratio Lower Upper

91 100

92 51.0 26.4 79.2

134 24.1 12.3 36.8



#90

Hexachloroethane

Concen: 21.947 ug/l

RT: 13.970 min Scan# 1993

Delta R.T. -0.001 min

Lab File: VY017153.D

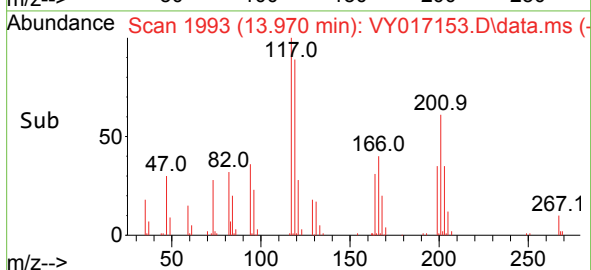
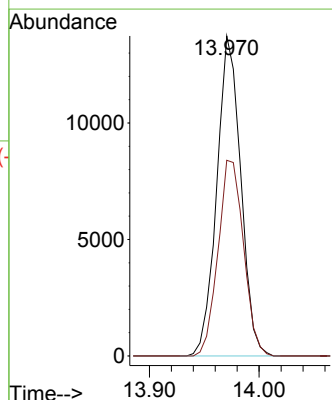
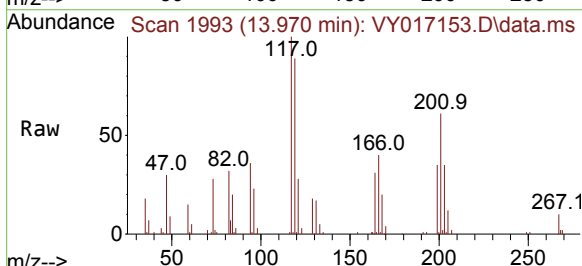
Acq: 31 Jan 2024 11:58

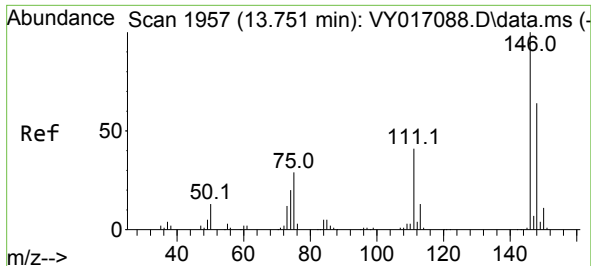
Tgt Ion: 117 Resp: 20896

Ion Ratio Lower Upper

117 100

201 65.0 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 21.938 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

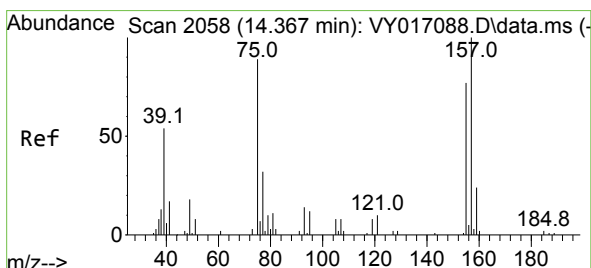
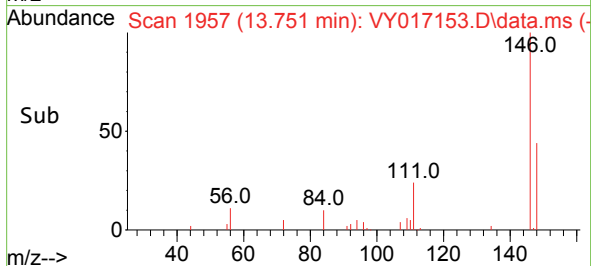
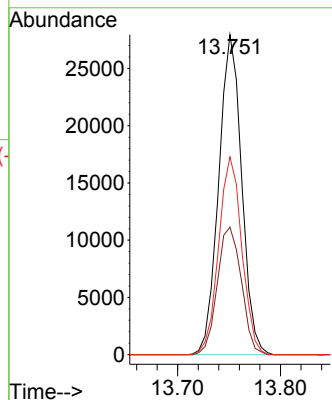
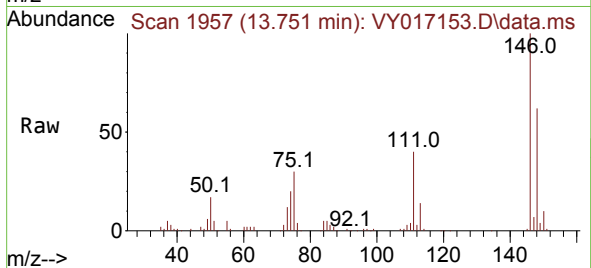
Tgt Ion:146 Resp: 43300

Ion Ratio Lower Upper

146 100

111 41.7 20.5 61.6

148 62.5 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.255 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

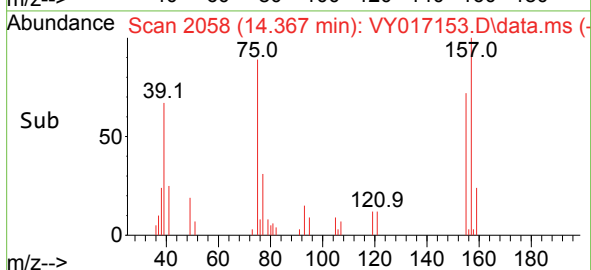
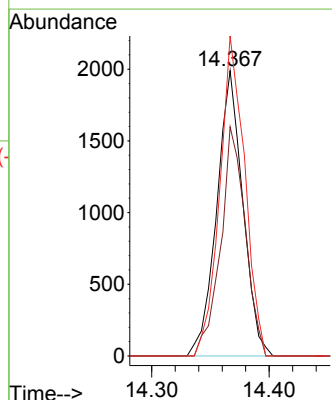
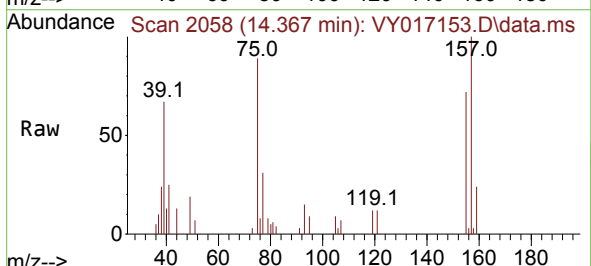
Tgt Ion: 75 Resp: 3064

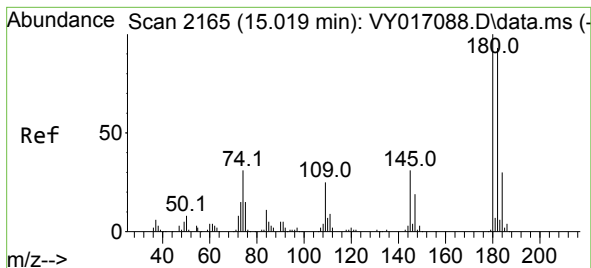
Ion Ratio Lower Upper

75 100

155 75.8 42.1 126.3

157 108.0 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 20.712 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY017153.D

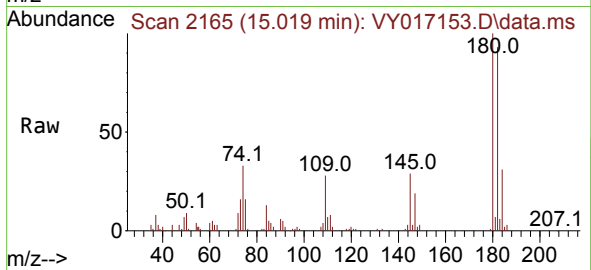
Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01



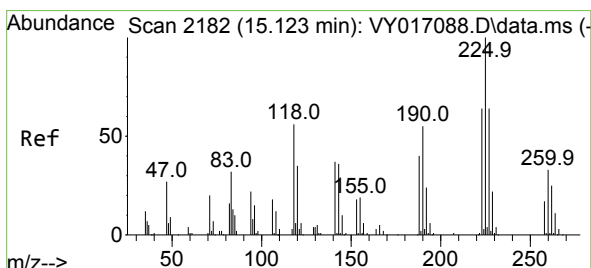
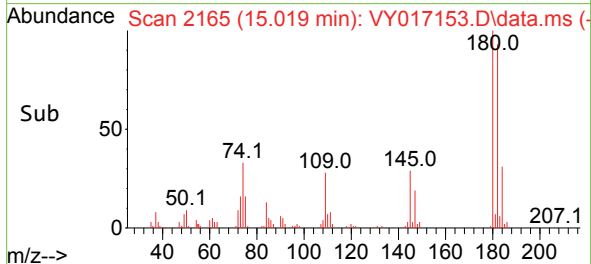
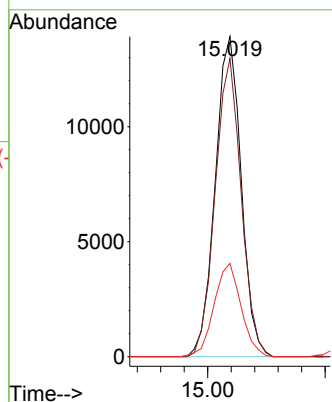
Tgt Ion:180 Resp: 21363

Ion Ratio Lower Upper

180 100

182 93.1 47.9 143.7

145 30.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 20.780 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

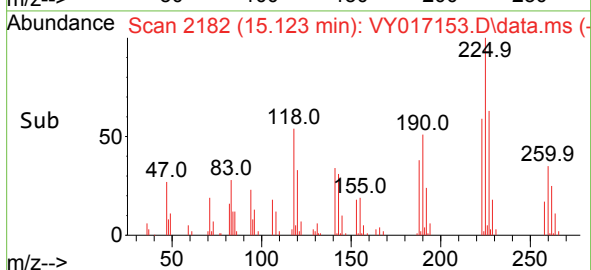
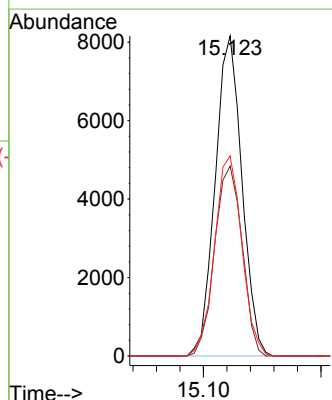
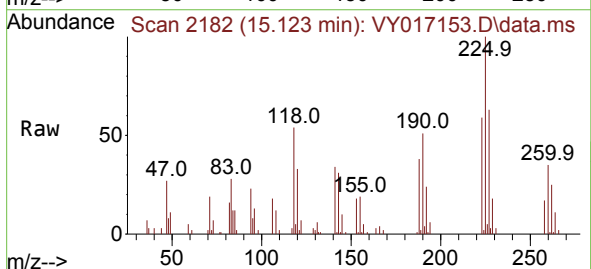
Tgt Ion:225 Resp: 12899

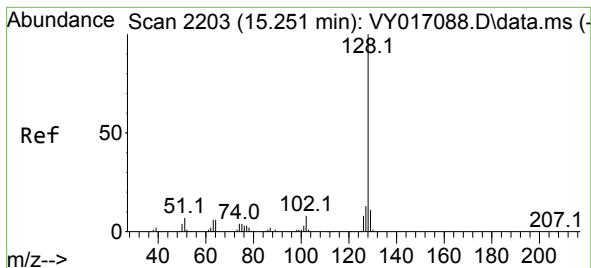
Ion Ratio Lower Upper

225 100

223 60.9 31.4 94.3

227 63.9 32.3 96.8





#95

Naphthalene

Concen: 20.763 ug/l

RT: 15.245 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

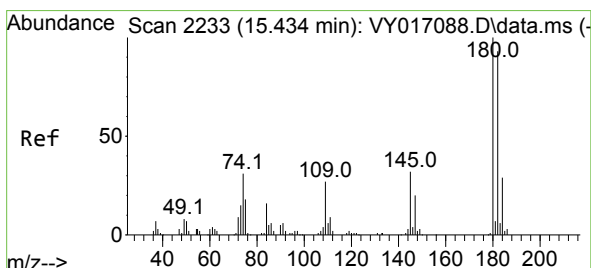
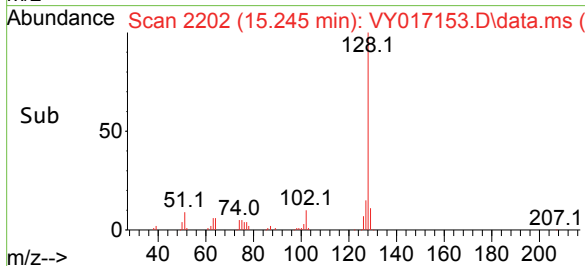
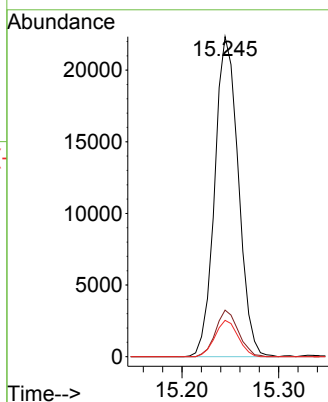
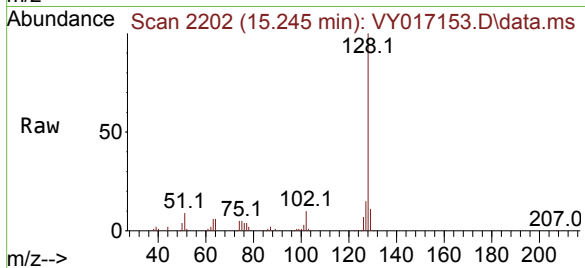
Tgt Ion:128 Resp: 37823

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.209 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Tgt Ion:180 Resp: 18199

Ion Ratio Lower Upper

180 100

182 94.6 46.3 138.8

145 32.3 16.1 48.2

