

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031424\
 Data File : VY017659.D
 Acq On : 14 Mar 2024 12:10
 Operator : SY/MD
 Sample : VY0314SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

Quant Time: Mar 15 03:56:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	166374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	263315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109537	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76838	48.731	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.460%
35) Dibromofluoromethane	7.716	113	90452	49.296	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.600%
50) Toluene-d8	10.179	98	328596	51.220	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.440%
62) 4-Bromofluorobenzene	12.483	95	104771	51.965	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	18309	14.918	ug/l	96
3) Chloromethane	2.113	50	27530	12.277	ug/l	97
4) Vinyl Chloride	2.247	62	37415	13.006	ug/l	100
5) Bromomethane	2.644	94	32802	13.992	ug/l	98
6) Chloroethane	2.790	64	26412	14.554	ug/l	99
7) Trichlorofluoromethane	3.119	101	46422	15.833	ug/l	90
8) Diethyl Ether	3.527	74	15025	17.472	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	28853	17.109	ug/l	98
10) Methyl Iodide	4.088	142	27440	14.498	ug/l	99
11) Tert butyl alcohol	4.954	59	12674	94.626	ug/l #	86
12) 1,1-Dichloroethene	3.869	96	24187	15.389	ug/l	98
13) Acrolein	3.729	56	11992	67.856	ug/l	98
14) Allyl chloride	4.472	41	30325	15.969	ug/l	97
15) Acrylonitrile	5.155	53	33421	94.542	ug/l	99
16) Acetone	3.942	43	32133	105.068	ug/l	99
17) Carbon Disulfide	4.192	76	44213	9.372	ug/l	98
18) Methyl Acetate	4.472	43	12554	16.920	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	67076	18.311	ug/l	100
20) Methylene Chloride	4.716	84	39073	18.269	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	27607	15.002	ug/l	93
22) Diisopropyl ether	6.118	45	81328	18.559	ug/l	94
23) Vinyl Acetate	6.058	43	234397	89.762	ug/l	99
24) 1,1-Dichloroethane	6.015	63	52690	17.599	ug/l	99
25) 2-Butanone	6.984	43	44205	101.423	ug/l	99
26) 2,2-Dichloropropane	6.978	77	44712	17.763	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	35712	17.284	ug/l	99
28) Bromochloromethane	7.332	49	19161	16.251	ug/l	91
29) Tetrahydrofuran	7.350	42	24012	91.393	ug/l	98
30) Chloroform	7.508	83	59458	18.654	ug/l	96
31) Cyclohexane	7.783	56	35614	13.879	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	49045	17.723	ug/l	99
36) 1,1-Dichloropropene	7.917	75	38149	15.410	ug/l	99
37) Ethyl Acetate	7.070	43	17249	17.641	ug/l	99
38) Carbon Tetrachloride	7.899	117	42831	17.263	ug/l	96
39) Methylcyclohexane	9.185	83	39516	13.282	ug/l	95
40) Benzene	8.161	78	121581	16.537	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	7189	14.652	ug/l #	79
42) 1,2-Dichloroethane	8.234	62	31632	17.634	ug/l	99
43) Isopropyl Acetate	8.271	43	31610	18.397	ug/l	100
44) Trichloroethene	8.941	130	35346	16.680	ug/l	96
45) 1,2-Dichloropropane	9.215	63	31162	17.816	ug/l	100
46) Dibromomethane	9.307	93	17875	17.856	ug/l	96
47) Bromodichloromethane	9.496	83	45444	18.697	ug/l	96
48) Methyl methacrylate	9.295	41	13249	16.659	ug/l	88
49) 1,4-Dioxane	9.301	88	4320	381.326	ug/l #	98
51) 4-Methyl-2-Pentanone	10.069	43	91324	95.366	ug/l	99
52) Toluene	10.240	92	79166	17.081	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	40479	17.943	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	48253	17.602	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	27003	18.999	ug/l	99
56) Ethyl methacrylate	10.514	69	28514	18.017	ug/l	97
57) 1,3-Dichloropropane	10.788	76	42488	18.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	70411	85.851	ug/l	98
59) 2-Hexanone	10.831	43	67602	102.775	ug/l	99
60) Dibromochloromethane	10.983	129	32389	19.263	ug/l	100
61) 1,2-Dibromoethane	11.087	107	23907	18.253	ug/l	100
64) Tetrachloroethene	10.721	164	37174	16.647	ug/l	98
65) Chlorobenzene	11.514	112	87607	17.740	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	34505	18.651	ug/l	98
67) Ethyl Benzene	11.593	91	148143	17.105	ug/l	98
68) m/p-Xylenes	11.703	106	118162	34.722	ug/l	98
69) o-Xylene	12.032	106	54397	17.230	ug/l	100
70) Styrene	12.044	104	93914	17.920	ug/l	97
71) Bromoform	12.209	173	19960	19.469	ug/l #	99
73) Isopropylbenzene	12.331	105	146545	18.008	ug/l	99
74) N-amyl acetate	12.142	43	27502	19.161	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	28909	20.687	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	35049	33.676	ug/l #	100
77) Bromobenzene	12.611	156	36483	18.512	ug/l	96
78) n-propylbenzene	12.672	91	178942	18.326	ug/l	99
79) 2-Chlorotoluene	12.758	91	100235	18.335	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	119549	18.336	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	8312	18.351	ug/l	99
82) 4-Chlorotoluene	12.855	91	104124	18.621	ug/l	99
83) tert-Butylbenzene	13.075	119	107038	18.696	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	119236	18.525	ug/l	100
85) sec-Butylbenzene	13.251	105	165164	18.869	ug/l	100
86) p-Isopropyltoluene	13.367	119	133887	18.685	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	73578	18.600	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	72870	18.948	ug/l	100
89) n-Butylbenzene	13.696	91	123421	18.879	ug/l	99
90) Hexachloroethane	13.959	117	27659	19.254	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	63925	19.105	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4116	20.951	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	35930	20.330	ug/l	99
94) Hexachlorobutadiene	15.111	225	22107	20.260	ug/l	95
95) Naphthalene	15.239	128	58084	19.548	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	30863	20.356	ug/l	99

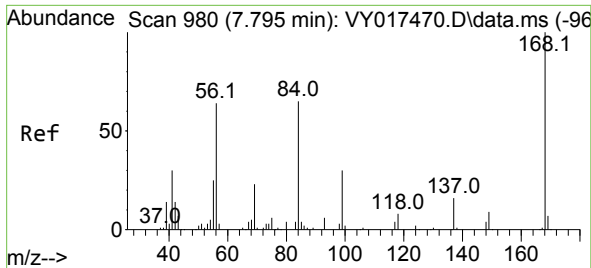
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031424\
Data File : VY017659.D
Acq On : 14 Mar 2024 12:10
Operator : SY/MD
Sample : VY0314SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Response via : Initial Calibration

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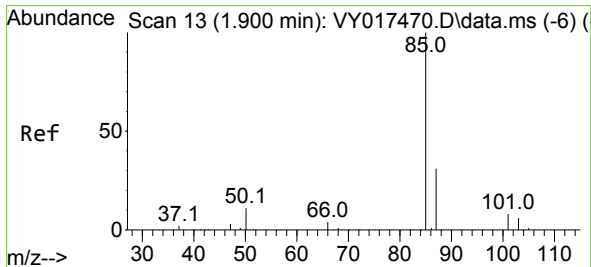
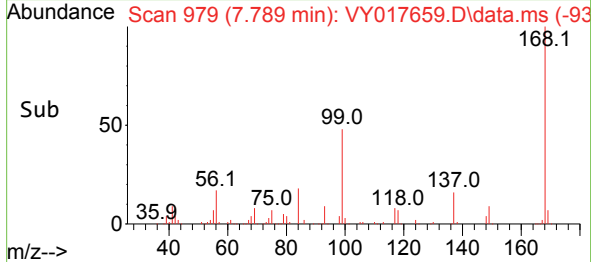
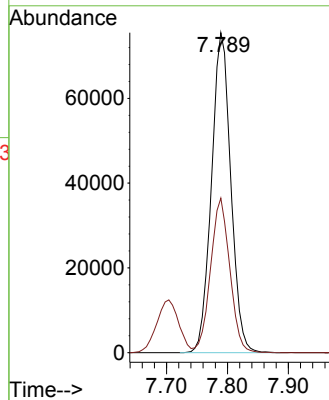
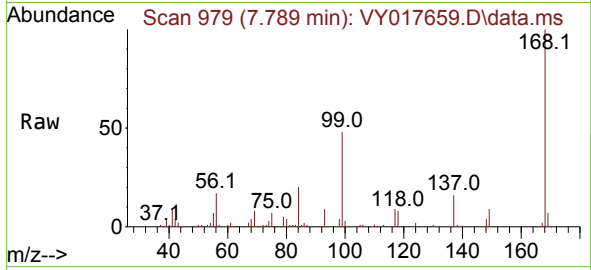
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

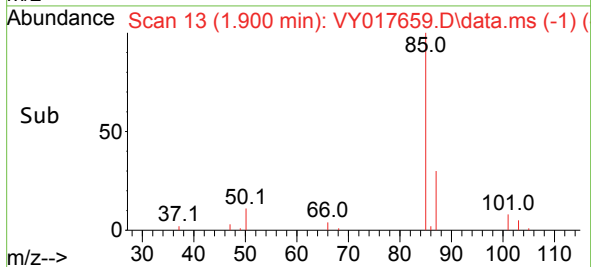
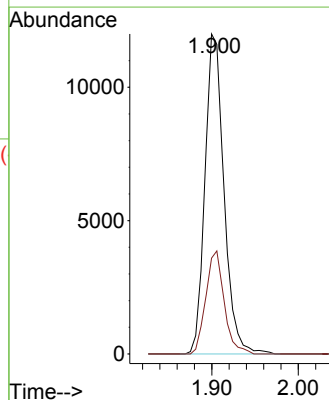
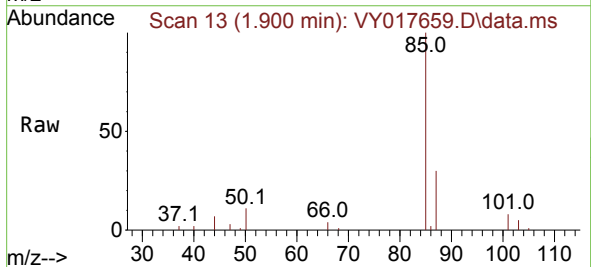
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MSVOA_Y
ClientSampleId :
VY0314SBS01

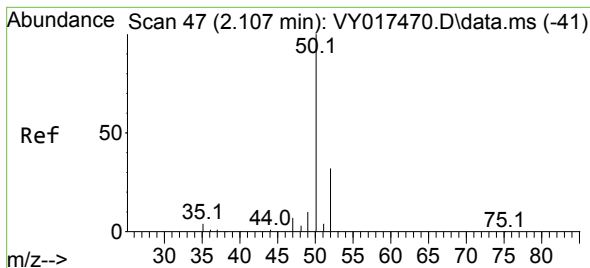
Tgt Ion:168 Resp: 166374
Ion Ratio Lower Upper
168 100
99 48.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 14.918 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion: 85 Resp: 18309
Ion Ratio Lower Upper
85 100
87 29.9 16.0 48.0





#3

Chloromethane

Concen: 12.277 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

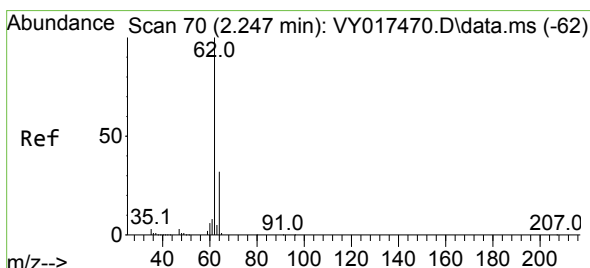
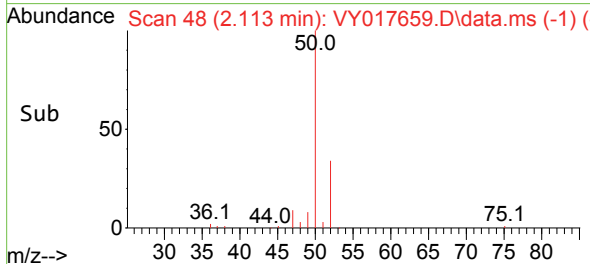
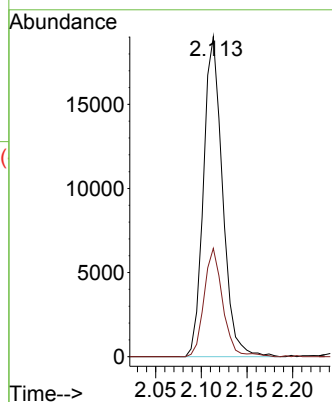
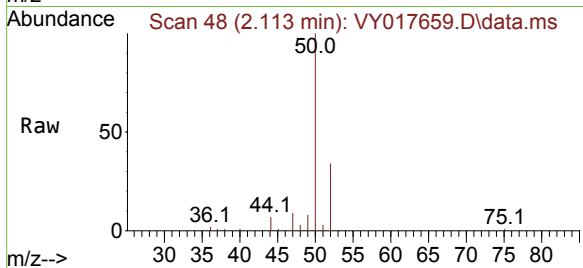
VY0314SBSD01

Tgt Ion: 50 Resp: 27530

Ion Ratio Lower Upper

50 100

52 33.9 25.6 38.4



#4

Vinyl Chloride

Concen: 13.006 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY017659.D

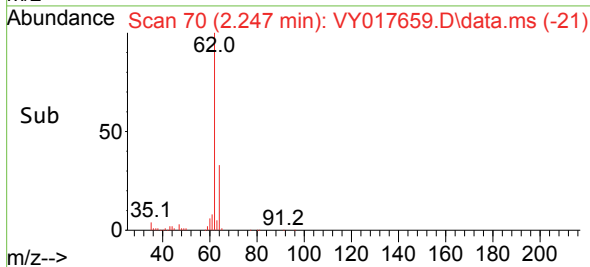
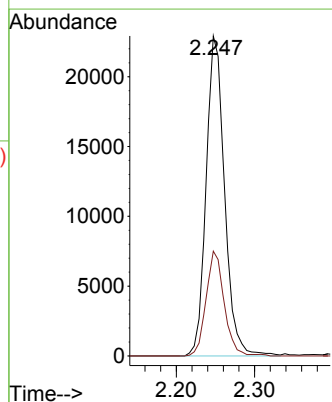
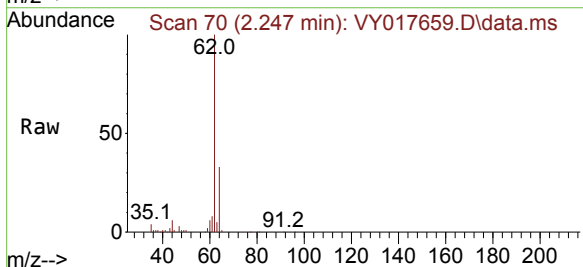
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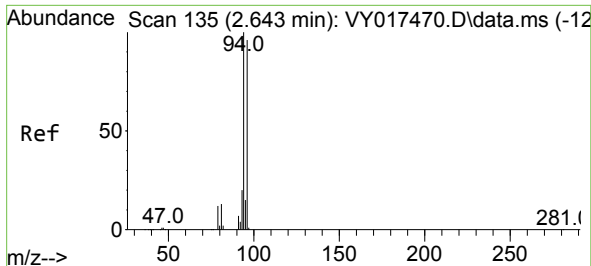
Tgt Ion: 62 Resp: 37415

Ion Ratio Lower Upper

62 100

64 32.8 26.1 39.1

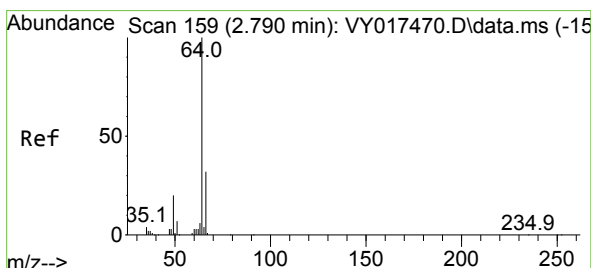
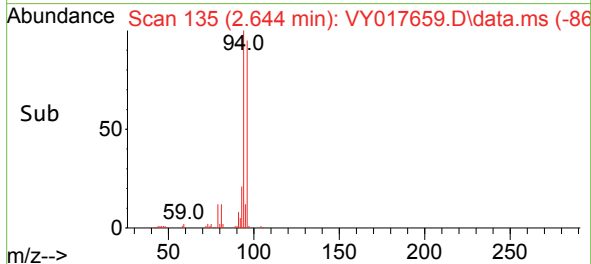
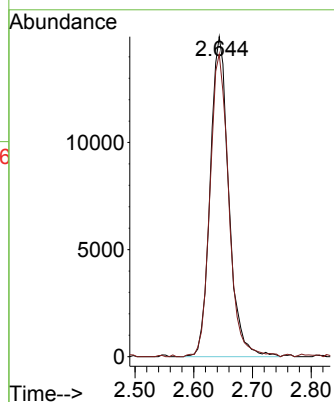
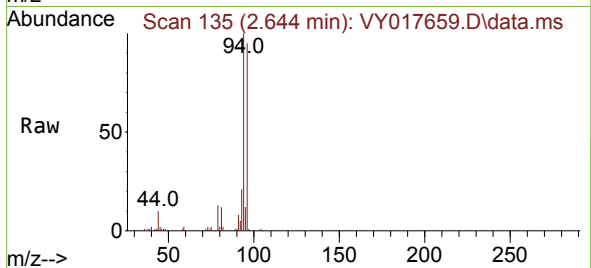




#5
Bromomethane
Concen: 13.992 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

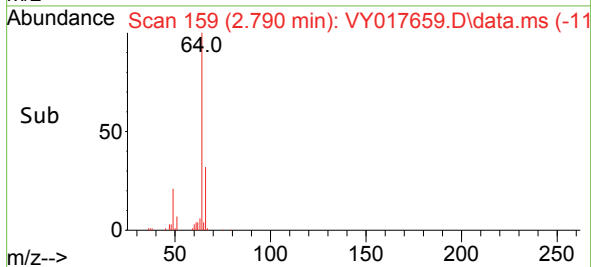
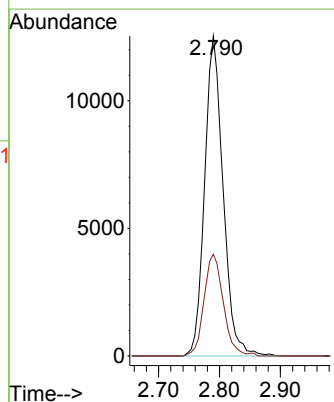
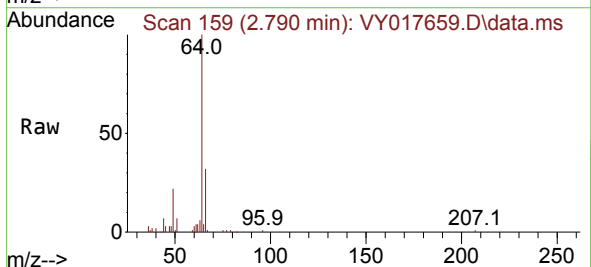
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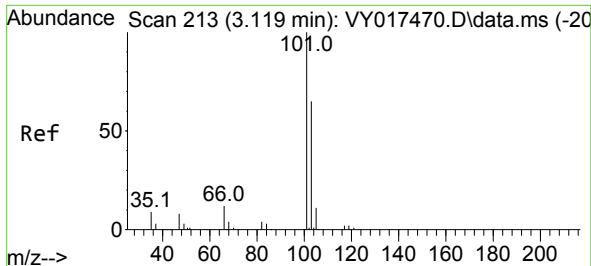
Tgt Ion: 94 Resp: 32802
Ion Ratio Lower Upper
94 100
96 94.6 74.1 111.1



#6
Chloroethane
Concen: 14.554 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion: 64 Resp: 26412
Ion Ratio Lower Upper
64 100
66 31.8 26.1 39.1

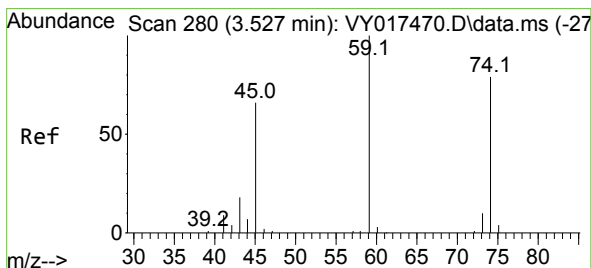
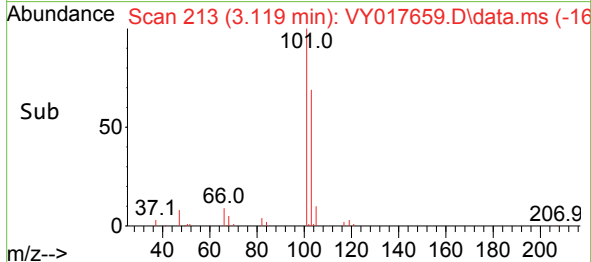
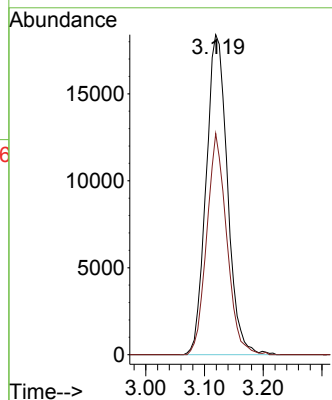
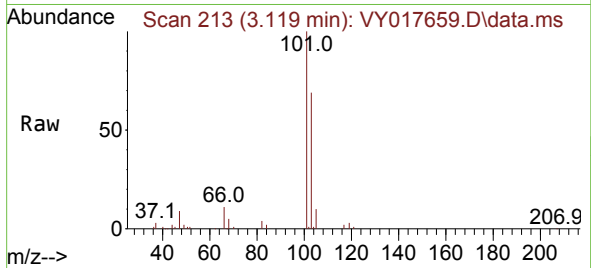




#7
 Trichlorofluoromethane
 Concen: 15.833 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017659.D
 Acq: 14 Mar 2024 12:10

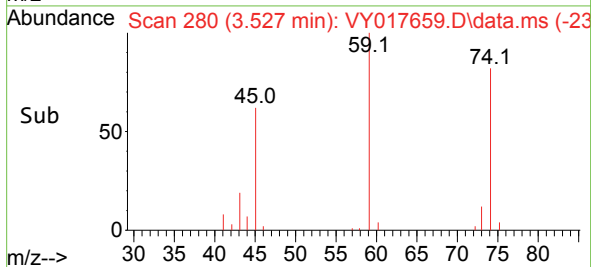
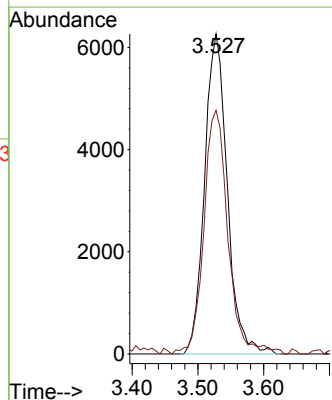
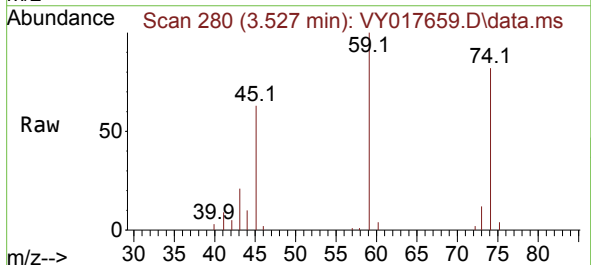
Instrument :
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 ClientSampleId :
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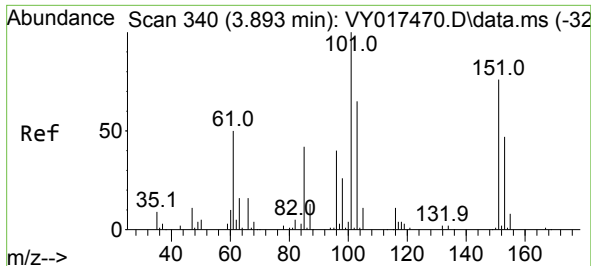
Tgt Ion:101 Resp: 46422
 Ion Ratio Lower Upper
 101 100
 103 69.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 17.472 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017659.D
 Acq: 14 Mar 2024 12:10

Tgt Ion: 74 Resp: 15025
 Ion Ratio Lower Upper
 74 100
 45 80.6 41.3 124.1

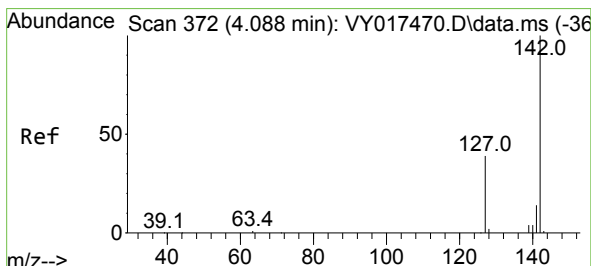
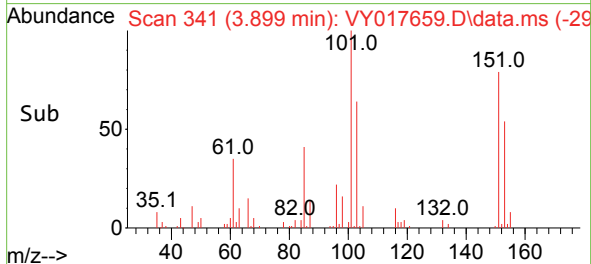
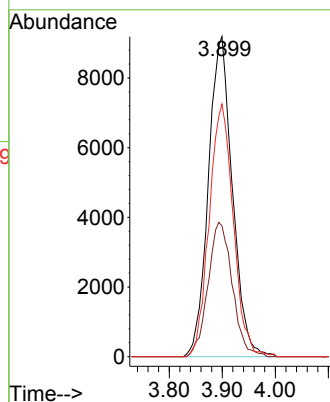
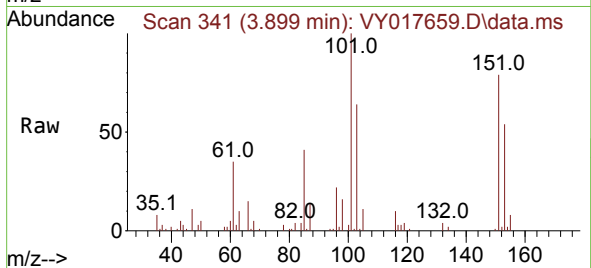




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.109 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

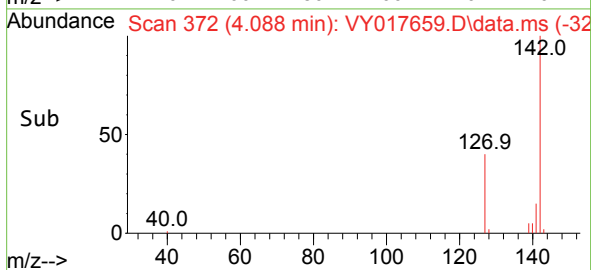
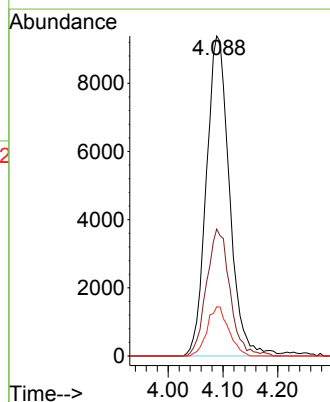
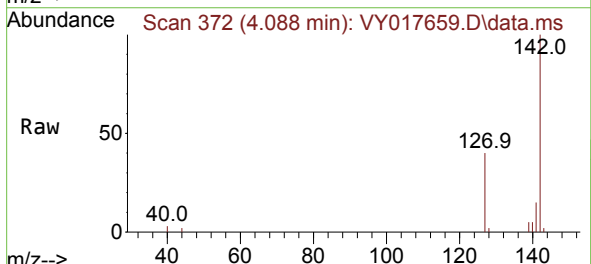
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

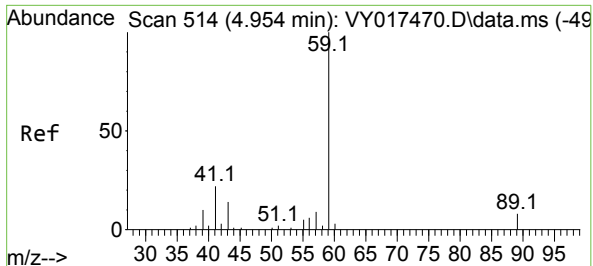
Tgt Ion:	101	Resp:	28853
Ion	Ratio	Lower	Upper
101	100		
85	42.4	34.5	51.7
151	79.2	61.7	92.5



#10
Methyl Iodide
Concen: 14.498 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion:	142	Resp:	27440
Ion	Ratio	Lower	Upper
142	100		
127	40.2	32.8	49.2
141	14.3	11.4	17.2





#11

Tert butyl alcohol

Concen: 94.626 ug/l

RT: 4.954 min Scan# 514

Delta R.T. 0.000 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

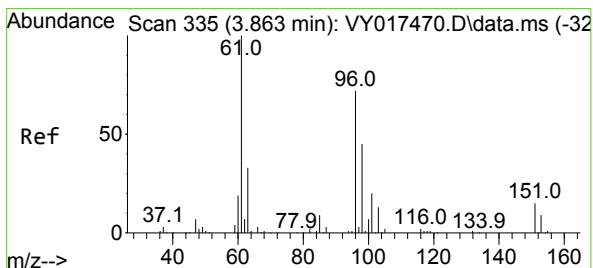
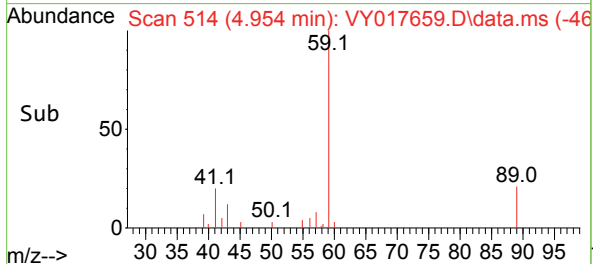
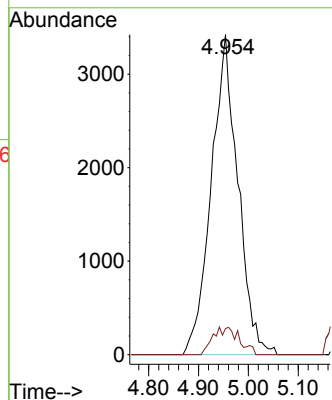
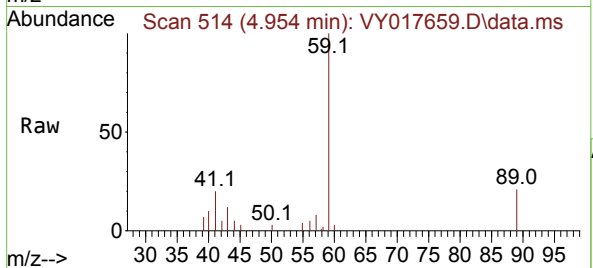
VY0314SBS01

Tgt Ion: 59 Resp: 12674

Ion Ratio Lower Upper

59 100

57 8.4 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 15.389 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

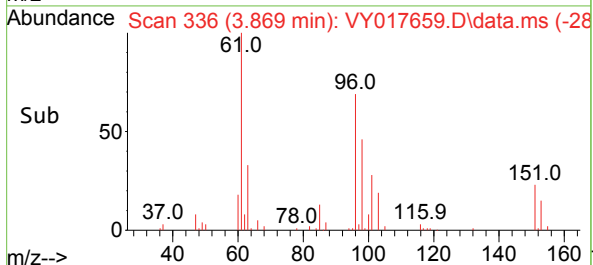
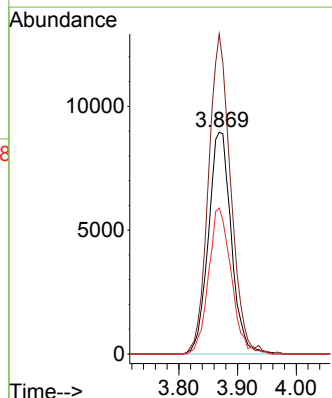
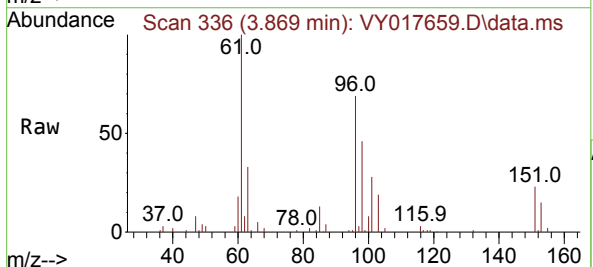
Tgt Ion: 96 Resp: 24187

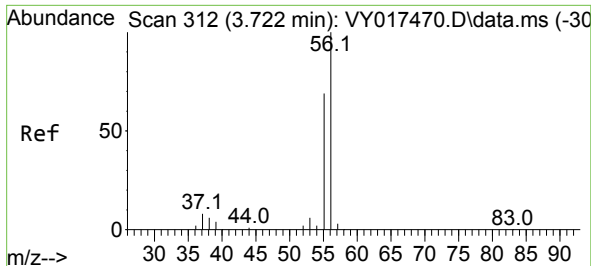
Ion Ratio Lower Upper

96 100

61 144.3 114.6 171.8

98 65.8 50.8 76.2





#13

Acrolein

Concen: 67.856 ug/l

RT: 3.729 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

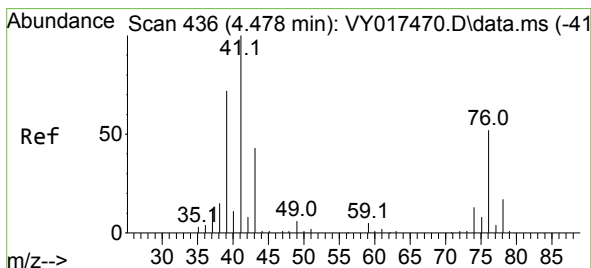
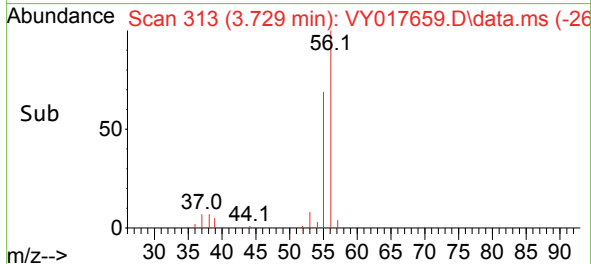
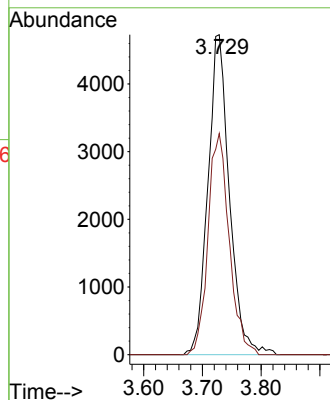
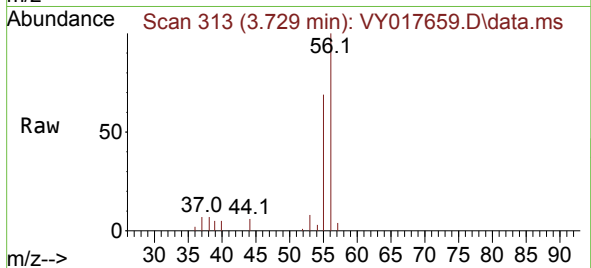
VY0314SBS01

Tgt Ion: 56 Resp: 11992

Ion Ratio Lower Upper

56 100

55 68.2 55.7 83.5



#14

Allyl chloride

Concen: 15.969 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

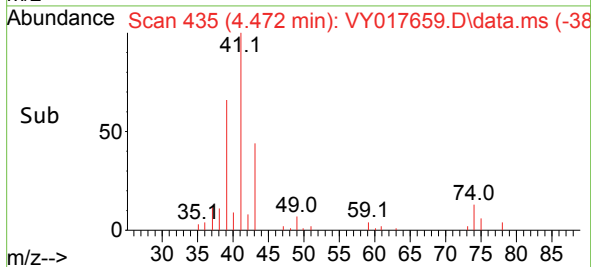
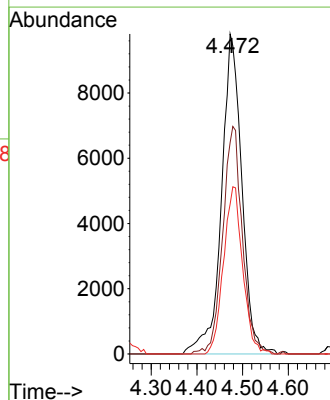
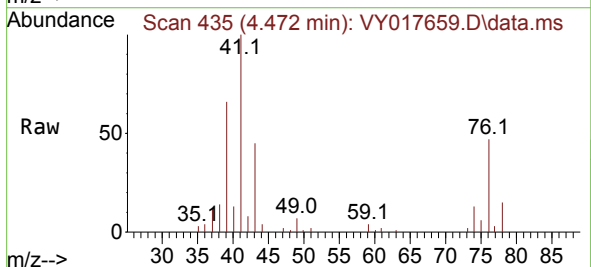
Tgt Ion: 41 Resp: 30325

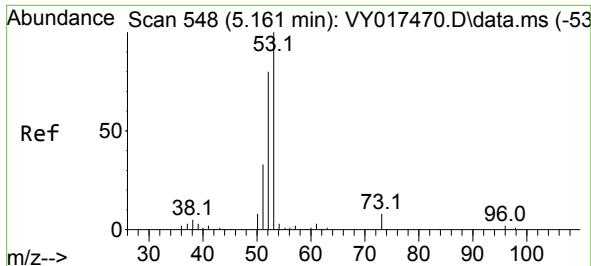
Ion Ratio Lower Upper

41 100

39 68.5 58.3 87.5

76 49.2 39.0 58.6

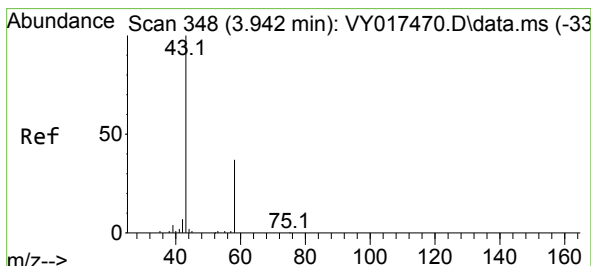
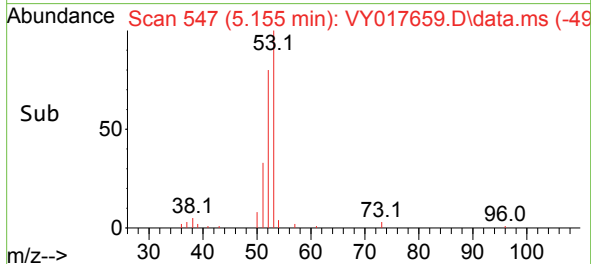
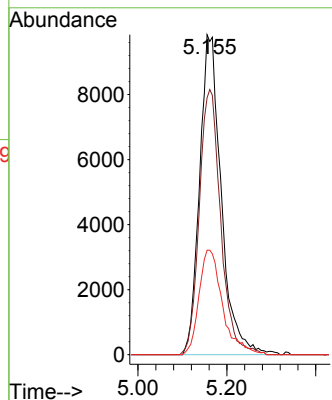
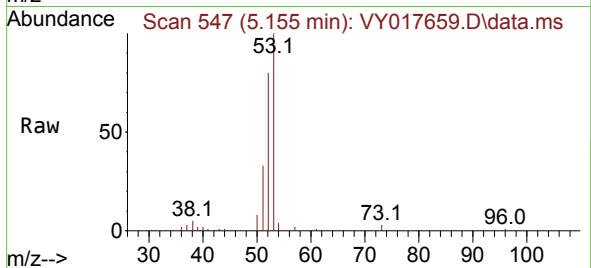




#15
Acrylonitrile
Concen: 94.542 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

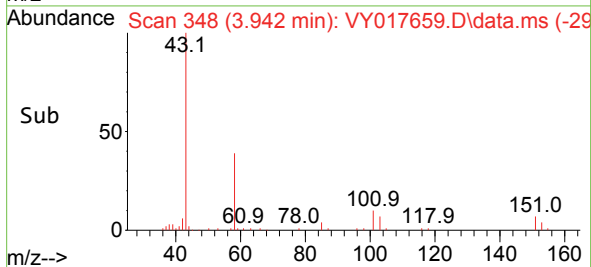
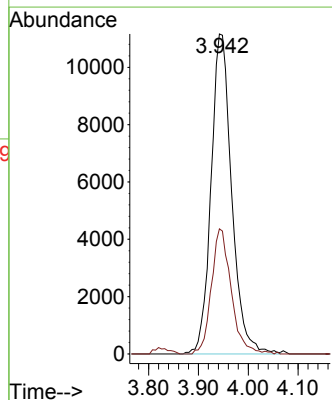
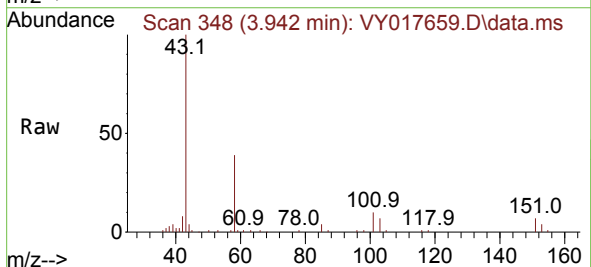
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

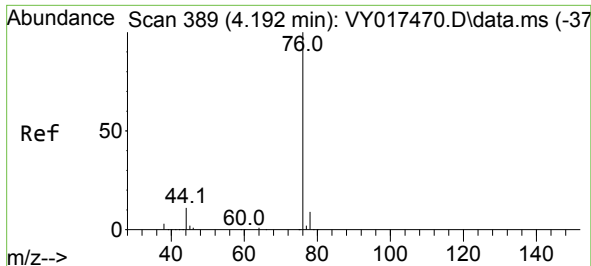
Tgt Ion: 53 Resp: 33421
Ion Ratio Lower Upper
53 100
52 81.8 64.7 97.1
51 35.5 28.4 42.6



#16
Acetone
Concen: 105.068 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion: 43 Resp: 32133
Ion Ratio Lower Upper
43 100
58 39.1 31.7 47.5

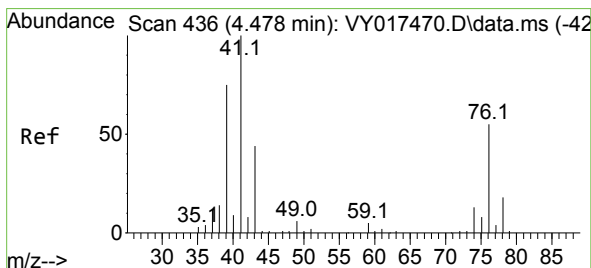
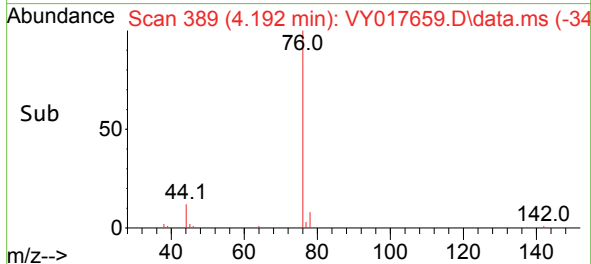
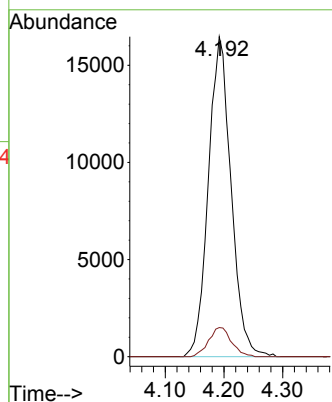
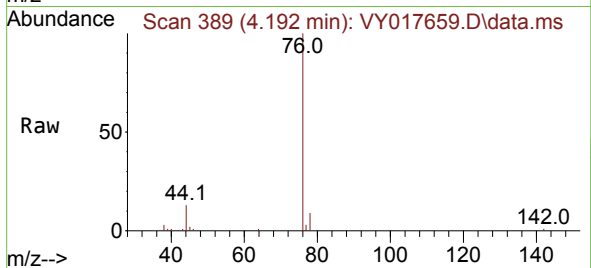




#17
Carbon Disulfide
Concen: 9.372 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

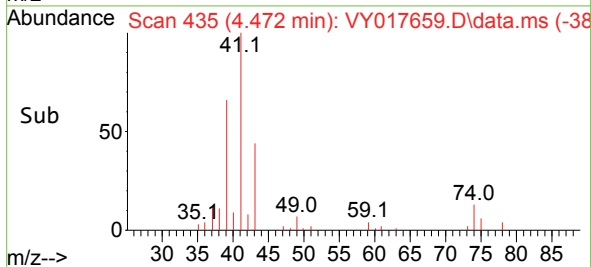
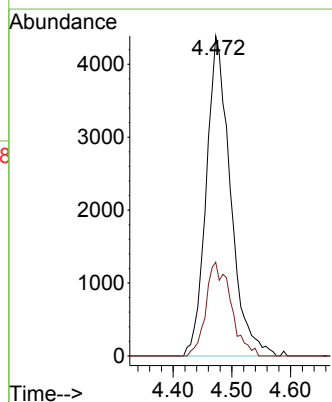
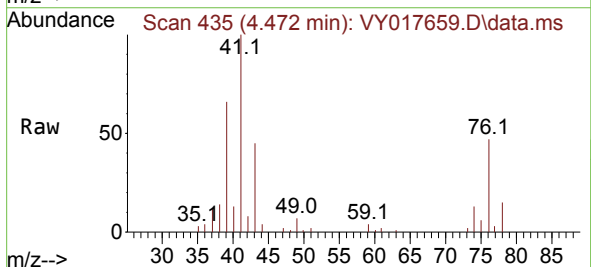
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

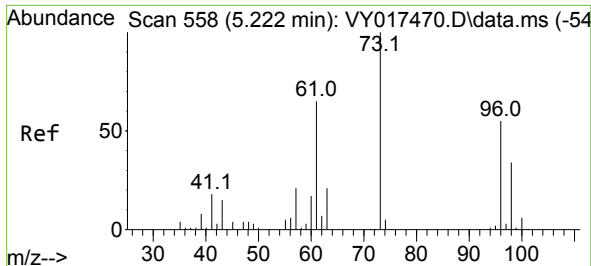
Tgt Ion: 76 Resp: 44213
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 16.920 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion: 43 Resp: 12554
Ion Ratio Lower Upper
43 100
74 30.3 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 18.311 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

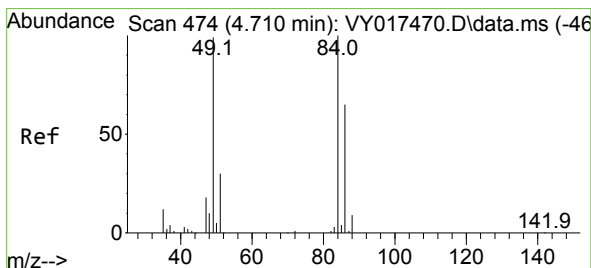
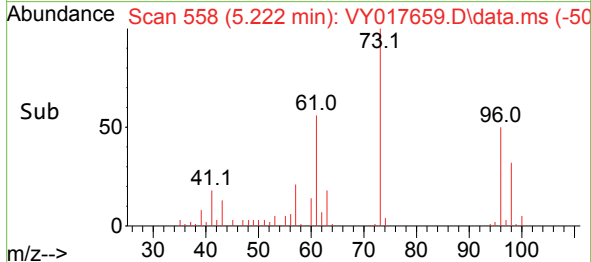
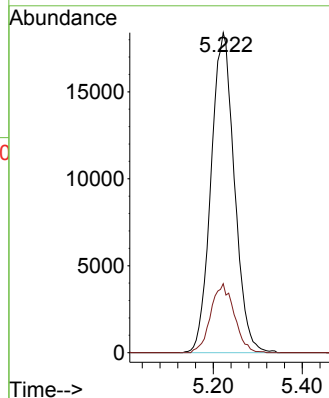
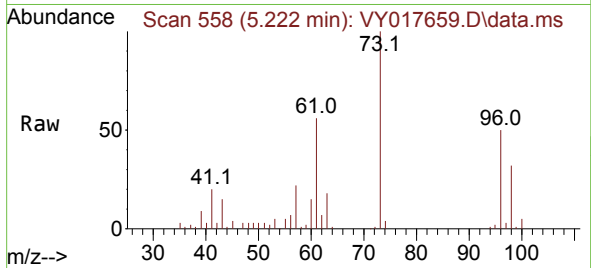
VY0314SBSD01

Tgt Ion: 73 Resp: 67076

Ion Ratio Lower Upper

73 100

57 21.5 17.3 25.9



#20

Methylene Chloride

Concen: 18.269 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Tgt Ion: 84 Resp: 39073

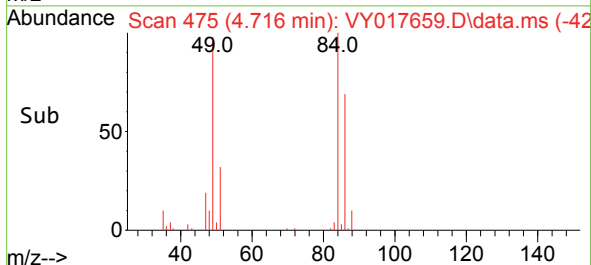
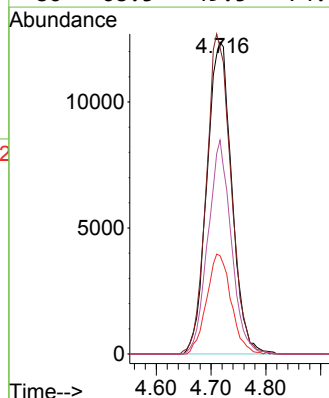
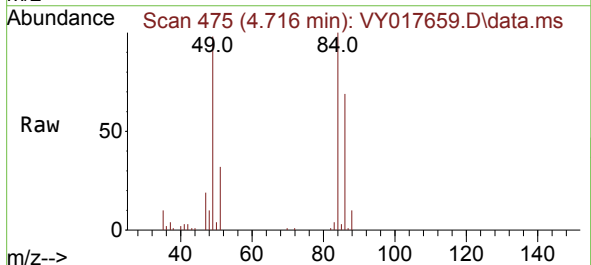
Ion Ratio Lower Upper

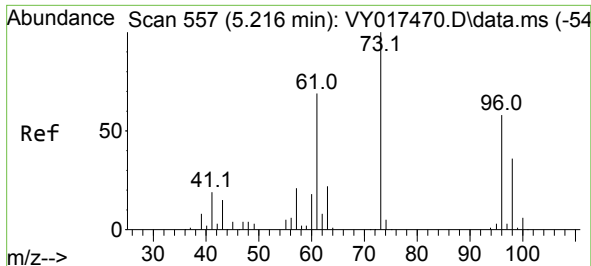
84 100

49 98.2 84.4 126.6

51 31.5 26.0 39.0

86 68.5 49.5 74.3

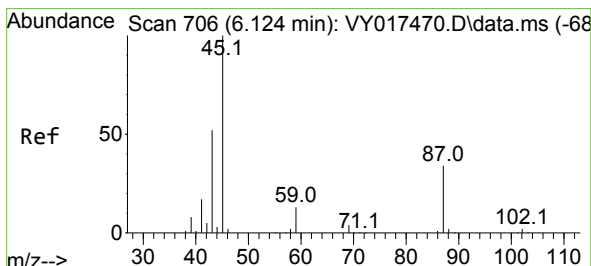
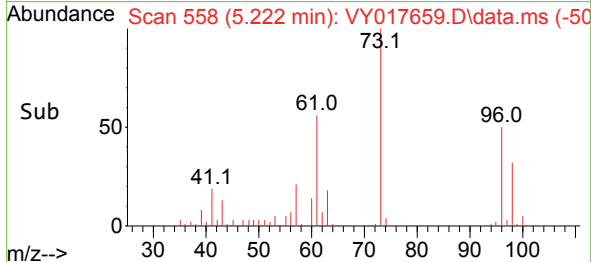
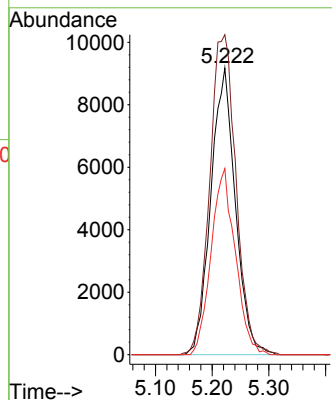
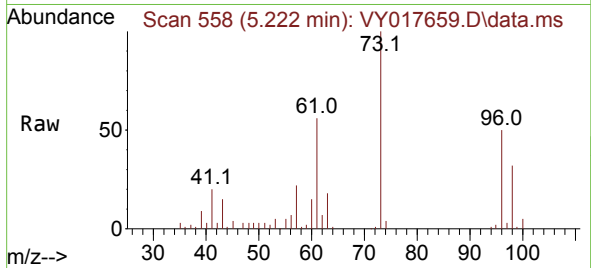




#21
trans-1,2-Dichloroethene
Concen: 15.002 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

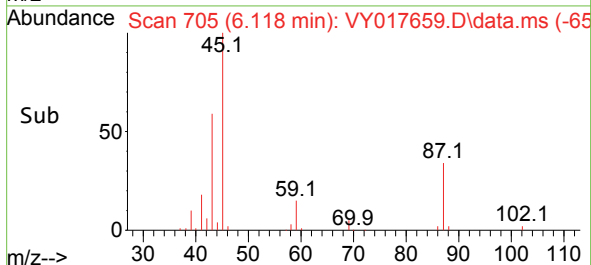
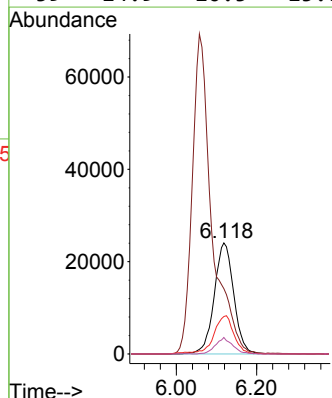
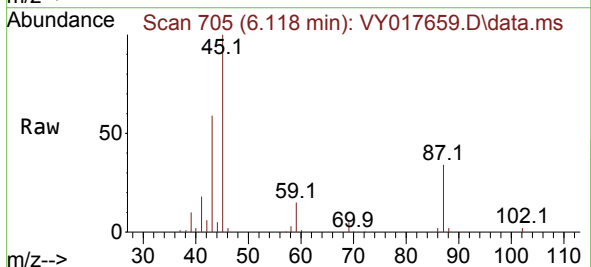
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

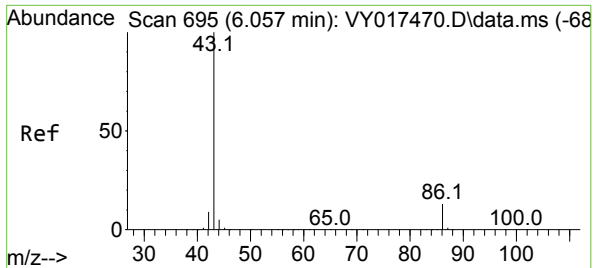
Tgt Ion: 96 Resp: 27607
Ion Ratio Lower Upper
96 100
61 111.6 97.5 146.3
98 64.9 50.5 75.7



#22
Diisopropyl ether
Concen: 18.559 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion: 45 Resp: 81328
Ion Ratio Lower Upper
45 100
43 58.2 42.2 63.2
87 33.7 25.0 37.6
59 14.9 10.5 15.7

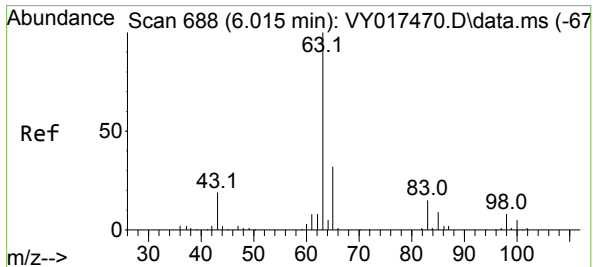
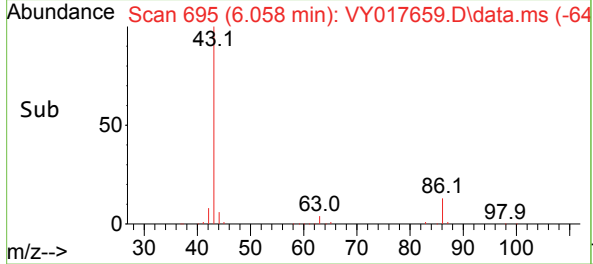
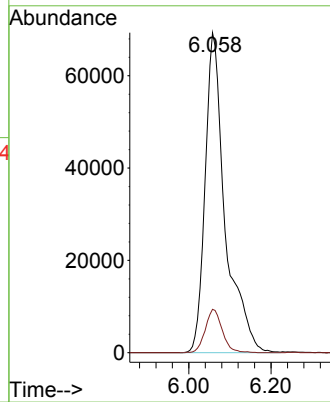
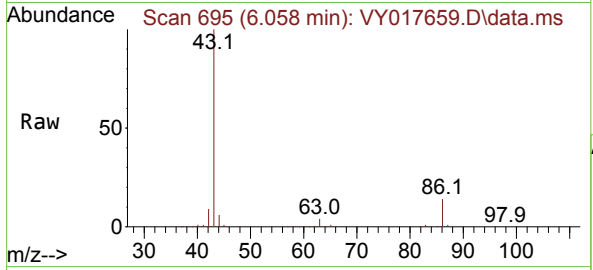




#23
 Vinyl Acetate
 Concen: 89.762 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017659.D
 Acq: 14 Mar 2024 12:10

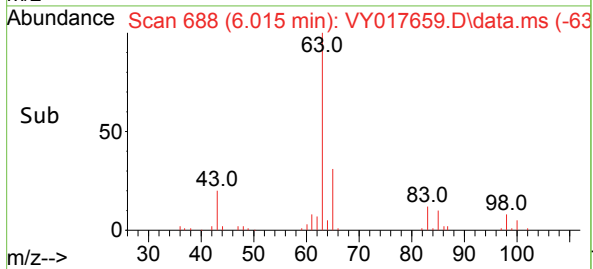
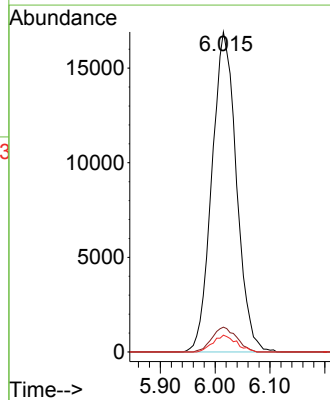
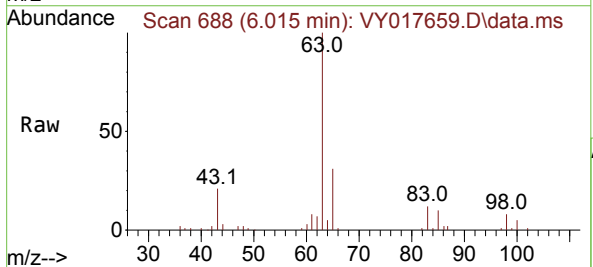
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

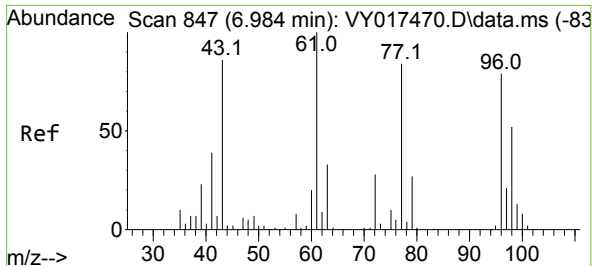
Tgt Ion: 43 Resp: 234397
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 17.599 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017659.D
 Acq: 14 Mar 2024 12:10

Tgt Ion: 63 Resp: 52690
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.2
 100 5.2 2.6 8.0

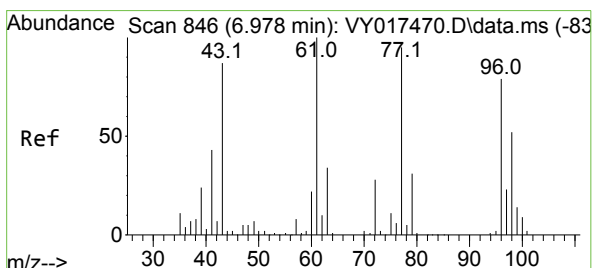
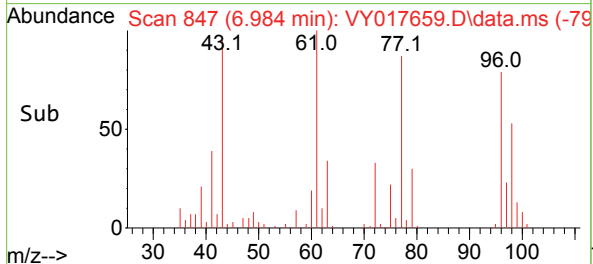
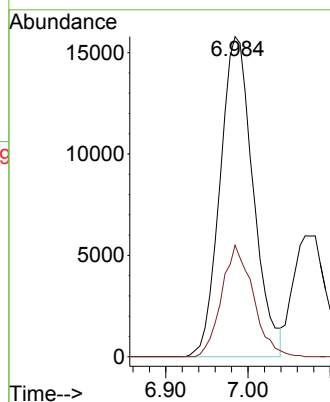
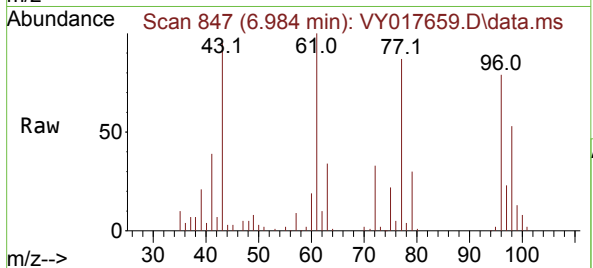




#25
2-Butanone
Concen: 101.423 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

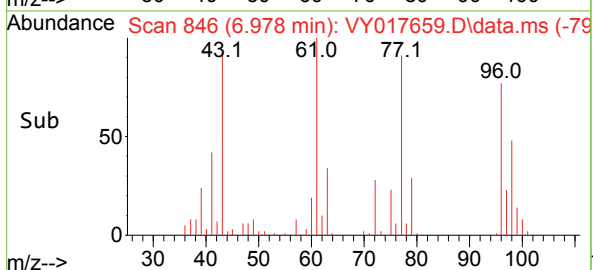
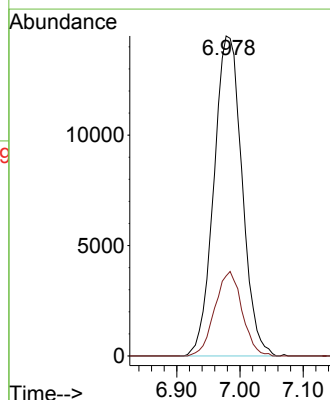
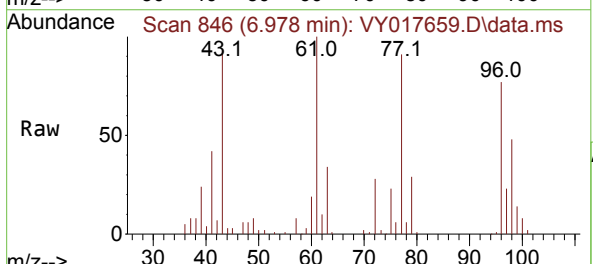
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

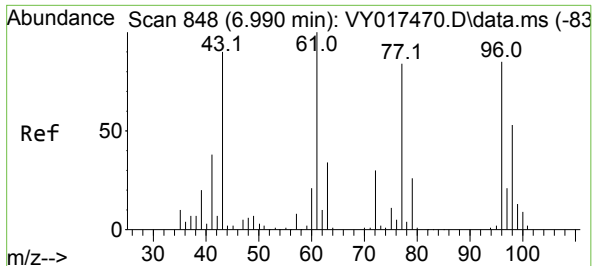
Tgt Ion: 43 Resp: 44205
Ion Ratio Lower Upper
43 100
72 34.8 27.3 40.9



#26
2,2-Dichloropropane
Concen: 17.763 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion: 77 Resp: 44712
Ion Ratio Lower Upper
77 100
97 25.6 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 17.284 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

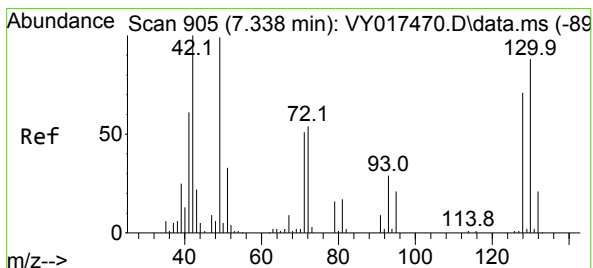
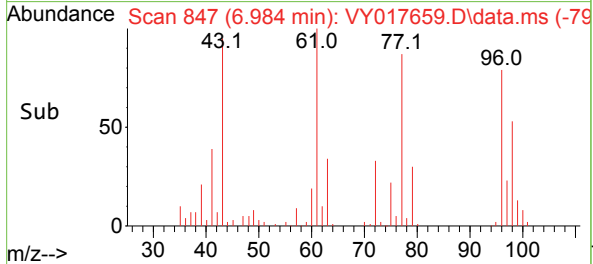
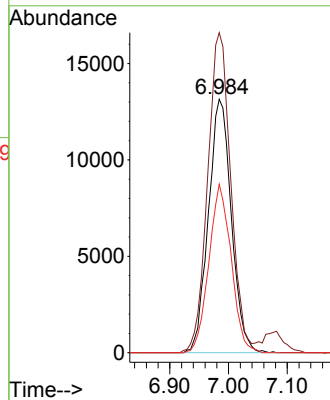
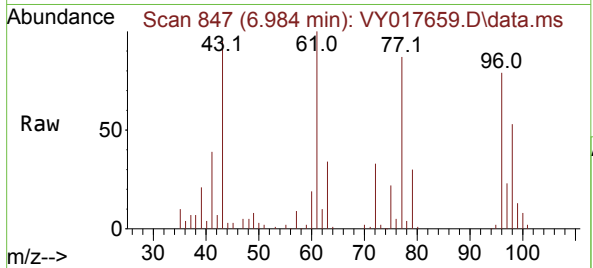
Tgt Ion: 96 Resp: 35712

Ion Ratio Lower Upper

96 100

61 127.1 0.0 256.2

98 64.4 0.0 130.0



#28

Bromochloromethane

Concen: 16.251 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

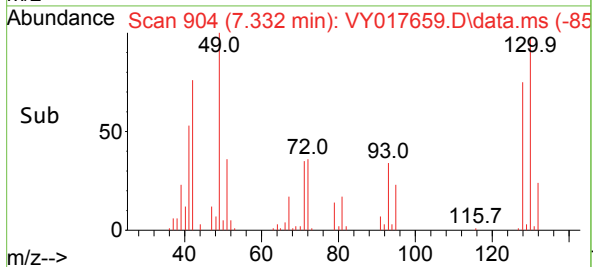
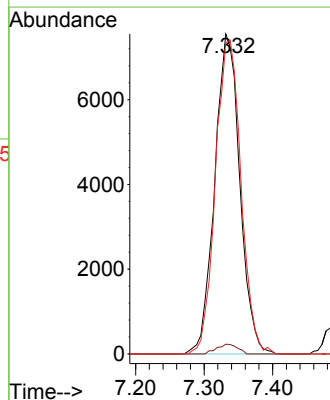
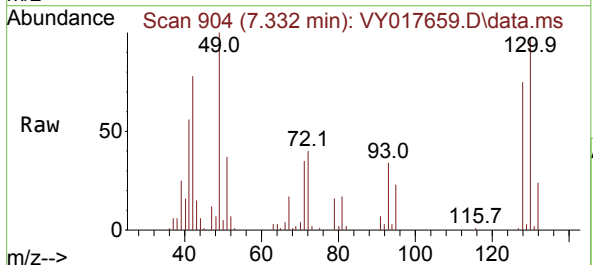
Tgt Ion: 49 Resp: 19161

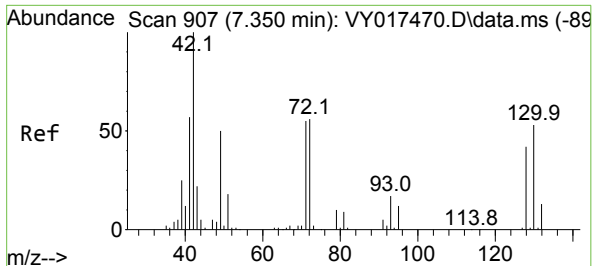
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 100.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 91.393 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

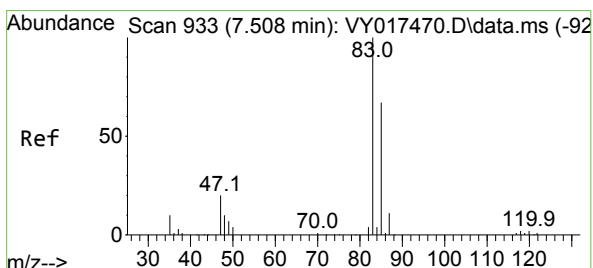
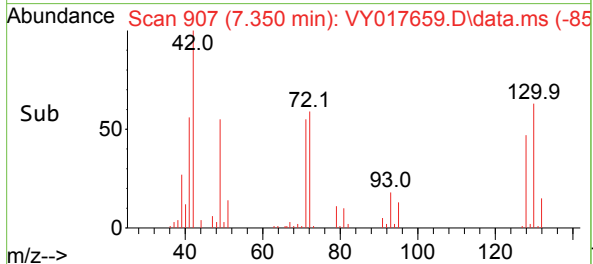
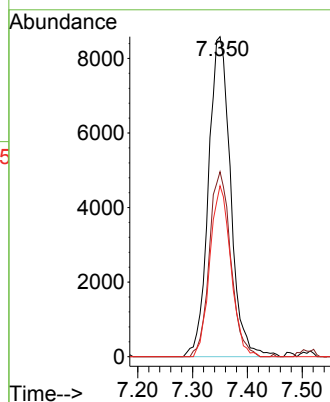
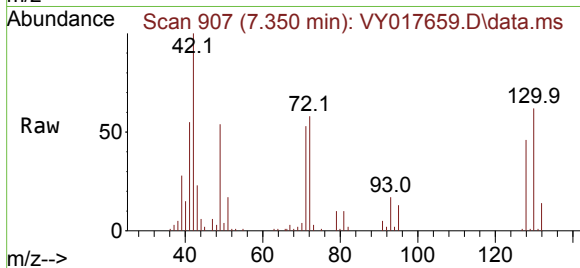
Tgt Ion: 42 Resp: 24012

Ion Ratio Lower Upper

42 100

72 56.1 43.0 64.4

71 50.5 40.8 61.2



#30

Chloroform

Concen: 18.654 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017659.D

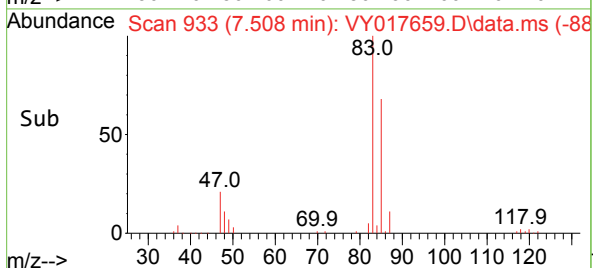
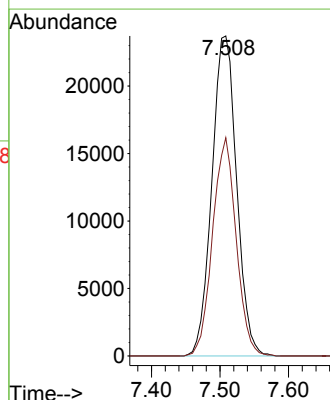
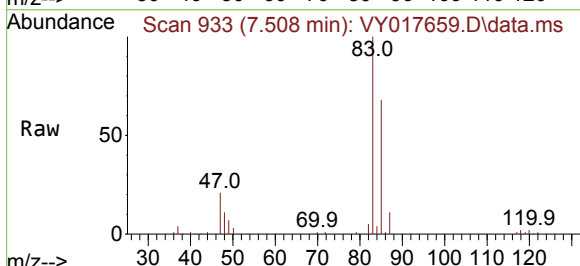
Acq: 14 Mar 2024 12:10

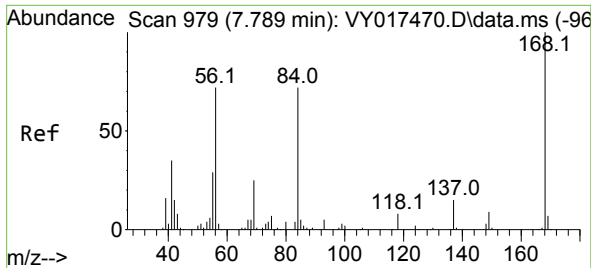
Tgt Ion: 83 Resp: 59458

Ion Ratio Lower Upper

83 100

85 68.2 52.2 78.4

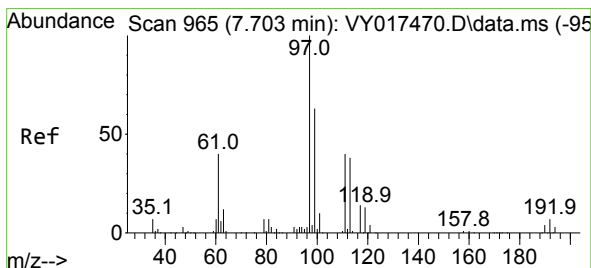
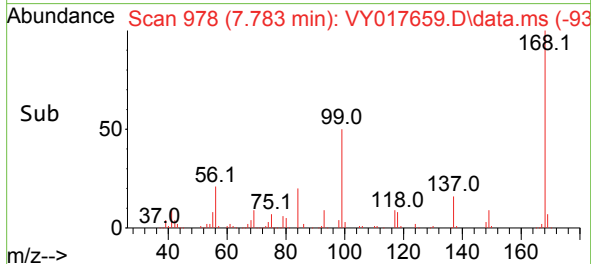
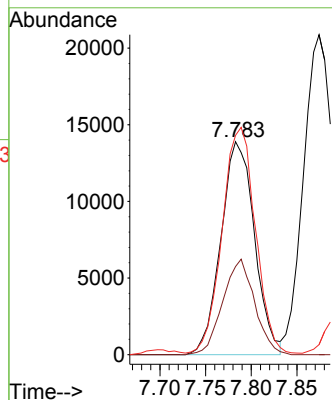
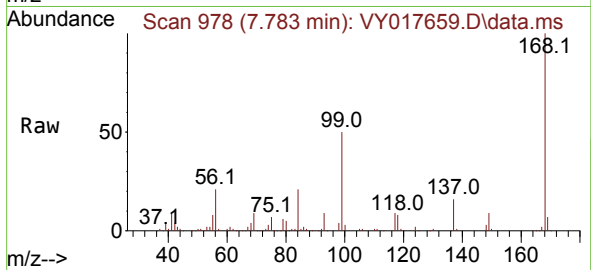




#31
Cyclohexane
Concen: 13.879 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

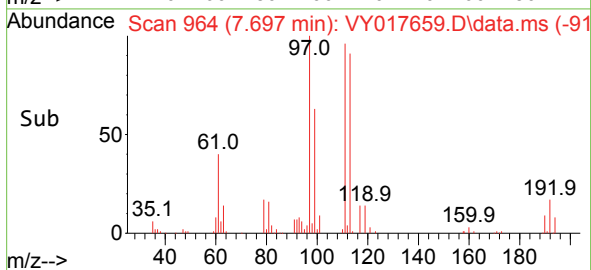
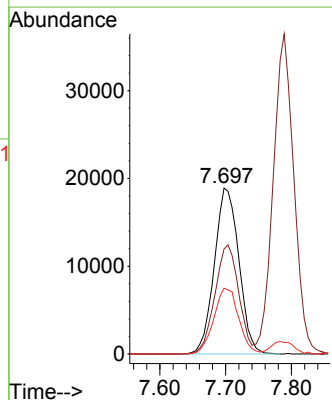
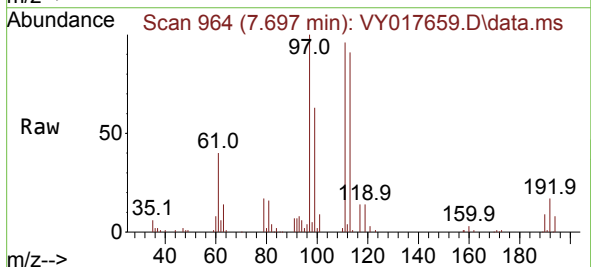
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

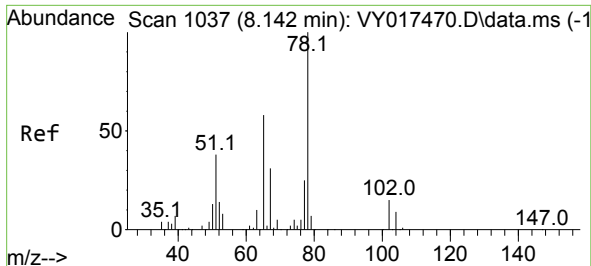
Tgt Ion: 56 Resp: 35614
Ion Ratio Lower Upper
56 100
69 41.4 28.7 43.1
84 101.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 17.723 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion: 97 Resp: 49045
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 40.2 32.6 48.8

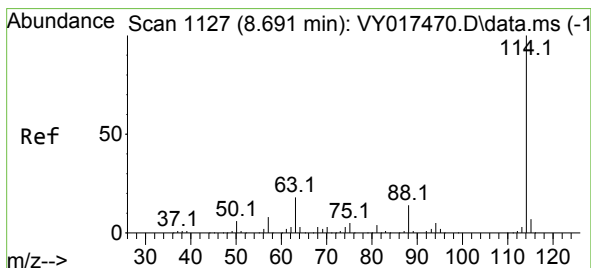
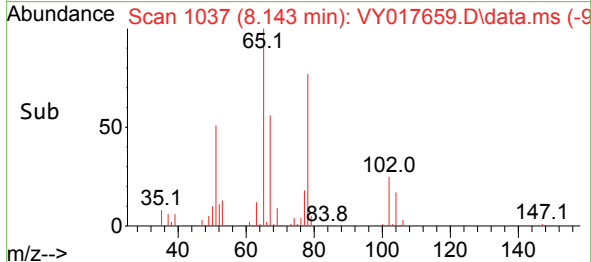
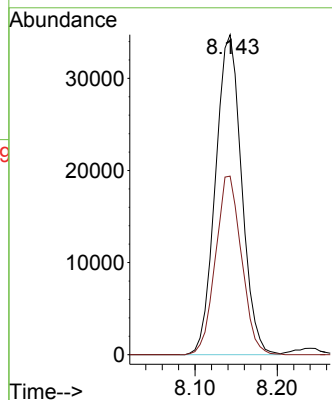
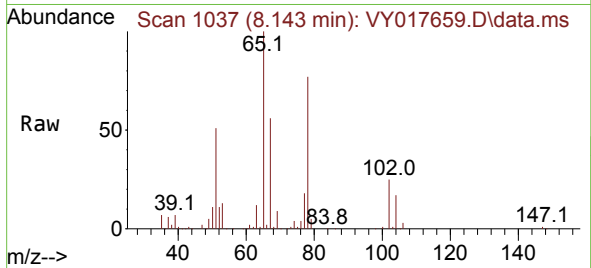




#33
 1,2-Dichloroethane-d4
 Concen: 48.731 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY017659.D
 Acq: 14 Mar 2024 12:10

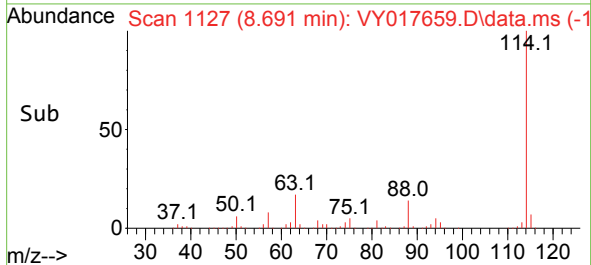
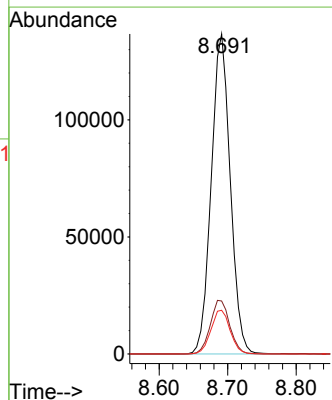
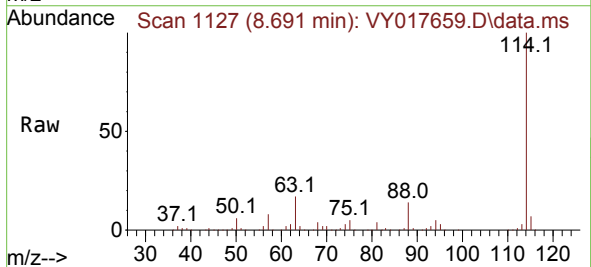
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBSD01

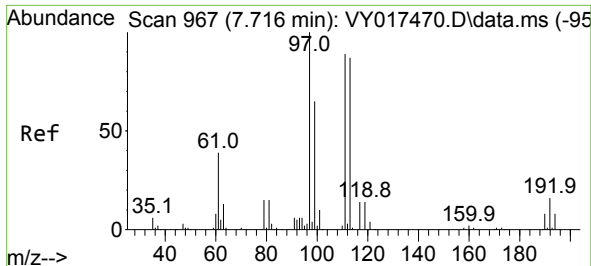
Tgt Ion: 65 Resp: 76838
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY017659.D
 Acq: 14 Mar 2024 12:10

Tgt Ion: 114 Resp: 263315
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 35.0
 88 13.6 0.0 27.2

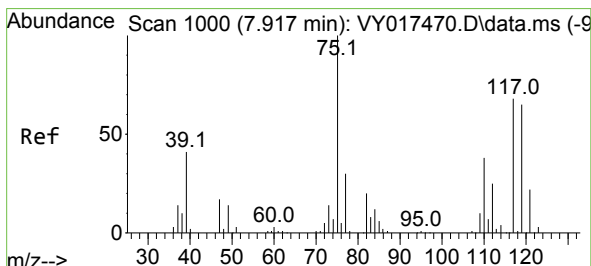
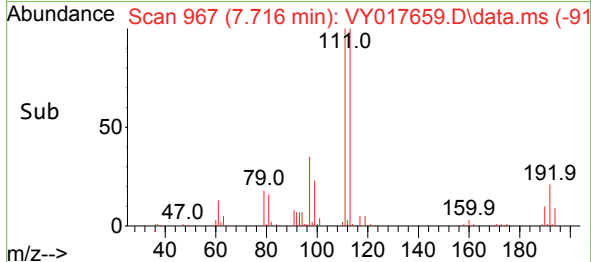
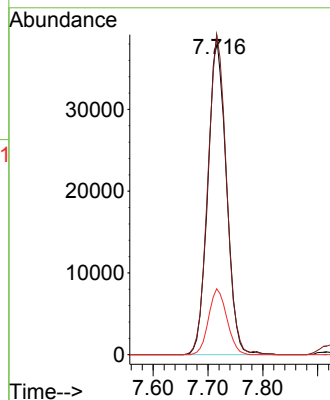
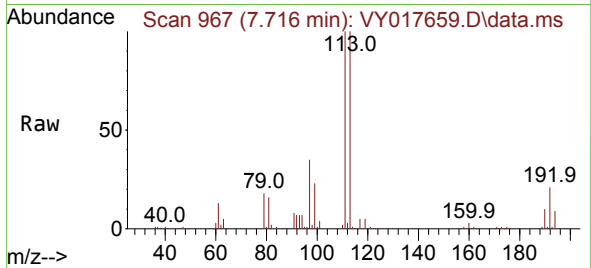




#35
Dibromofluoromethane
Concen: 49.296 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

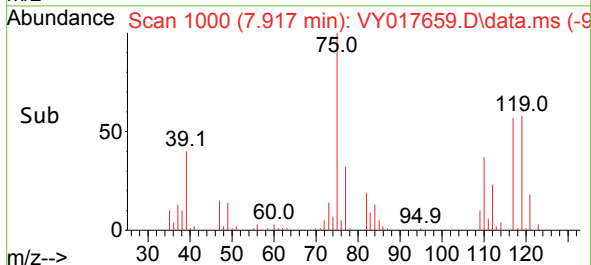
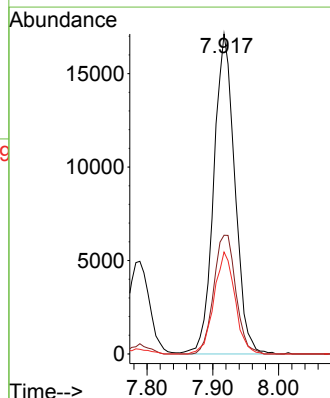
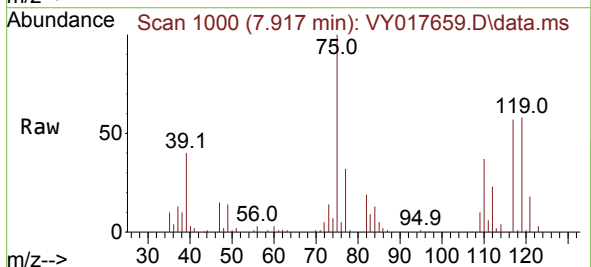
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

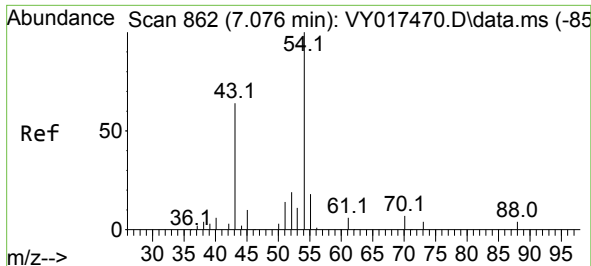
Tgt Ion:113 Resp: 90452
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 20.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 15.410 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion: 75 Resp: 38149
Ion Ratio Lower Upper
75 100
110 39.1 19.0 57.0
77 31.8 25.3 37.9





#37

Ethyl Acetate

Concen: 17.641 ug/l

RT: 7.070 min Scan# 862

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

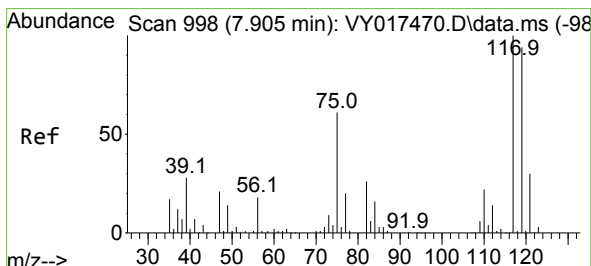
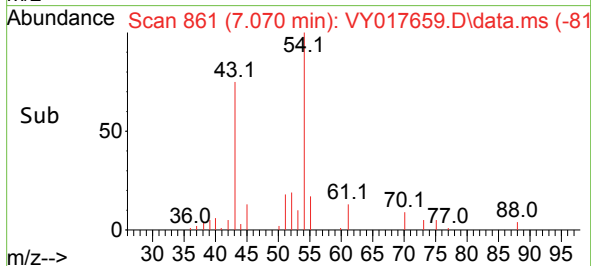
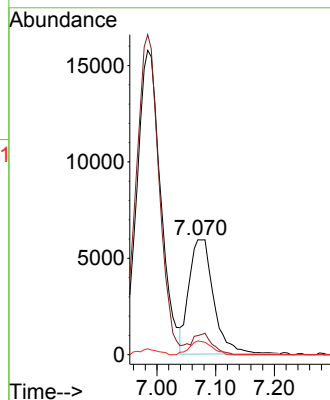
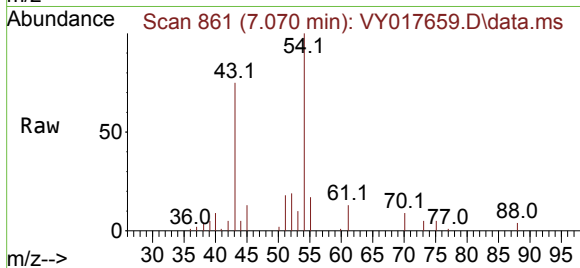
Tgt Ion: 43 Resp: 17249

Ion Ratio Lower Upper

43 100

61 15.9 12.6 19.0

70 10.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 17.263 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

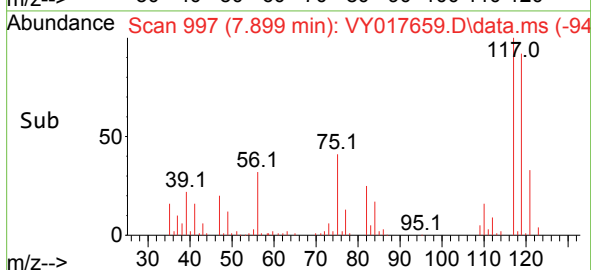
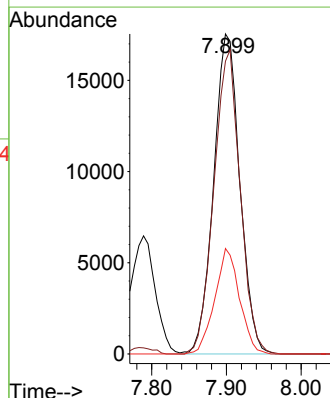
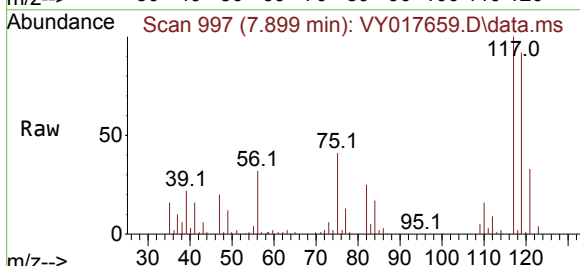
Tgt Ion: 117 Resp: 42831

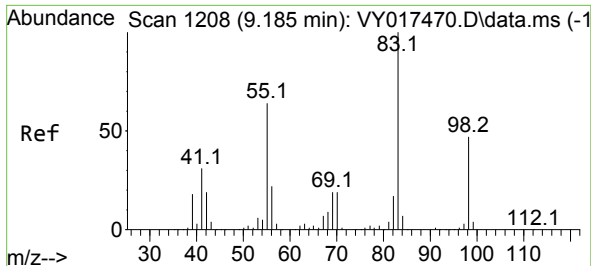
Ion Ratio Lower Upper

117 100

119 91.5 75.8 113.6

121 33.0 24.0 36.0





#39

Methylcyclohexane

Concen: 13.282 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

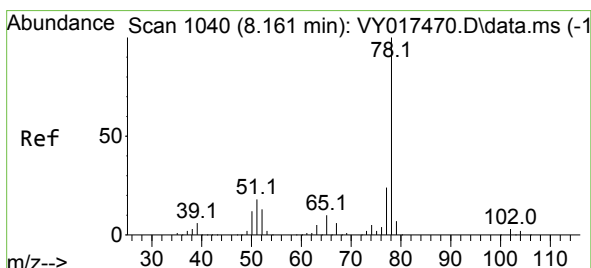
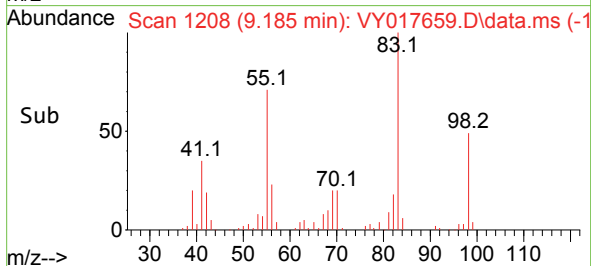
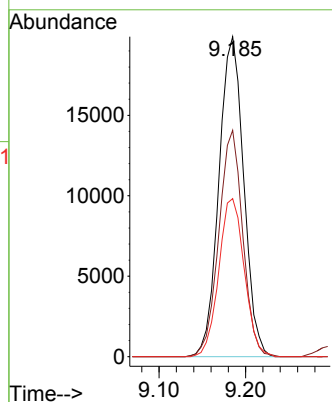
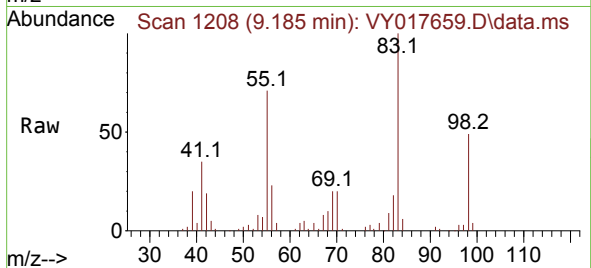
Tgt Ion: 83 Resp: 39516

Ion Ratio Lower Upper

83 100

55 70.8 51.5 77.3

98 49.4 40.5 60.7



#40

Benzene

Concen: 16.537 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017659.D

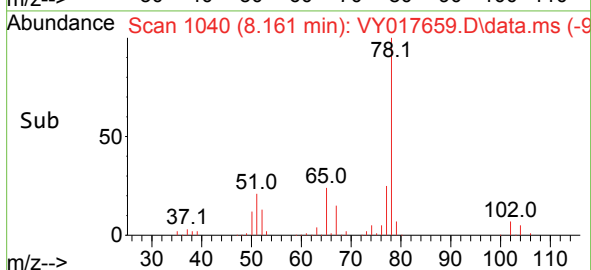
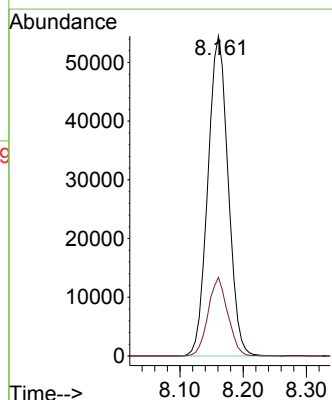
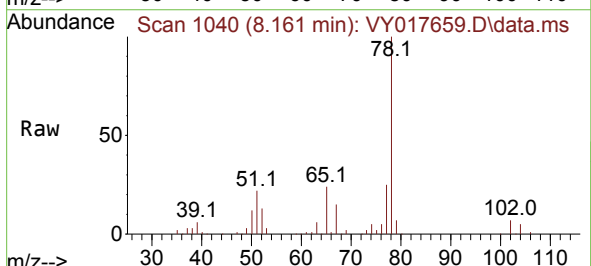
Acq: 14 Mar 2024 12:10

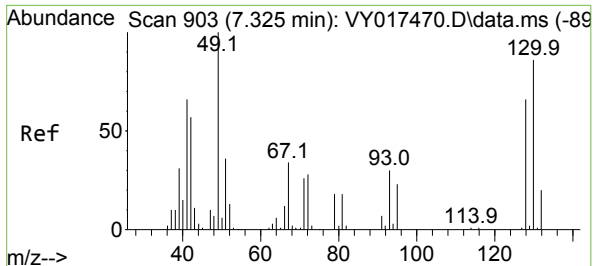
Tgt Ion: 78 Resp: 121581

Ion Ratio Lower Upper

78 100

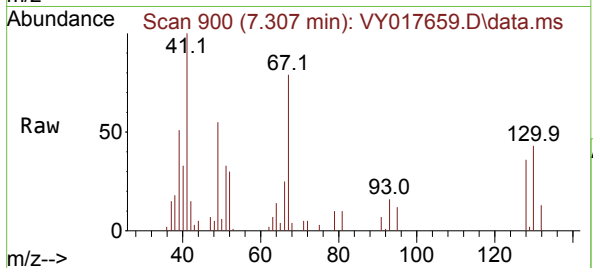
77 24.6 19.5 29.3



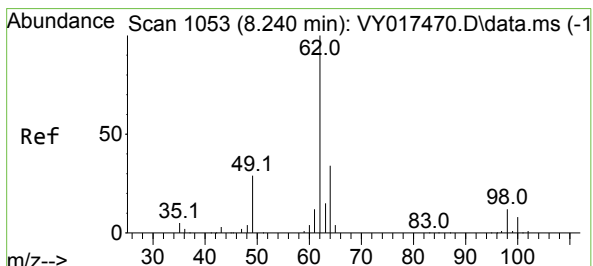
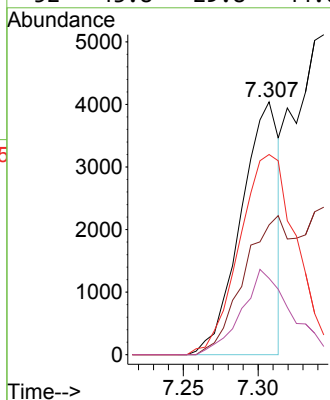
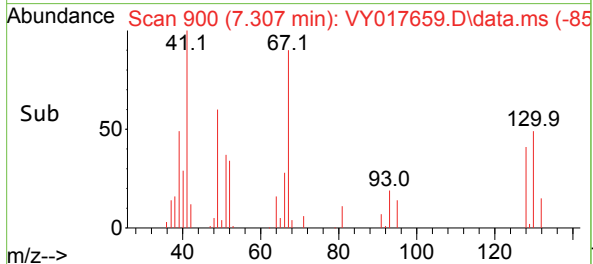


#41
Methacrylonitrile
Concen: 14.652 ug/l
RT: 7.307 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

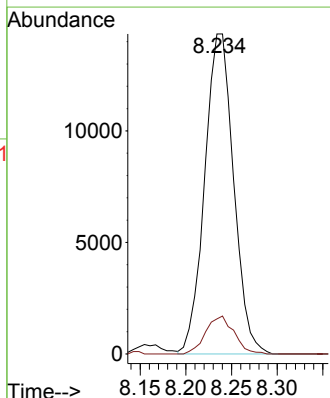
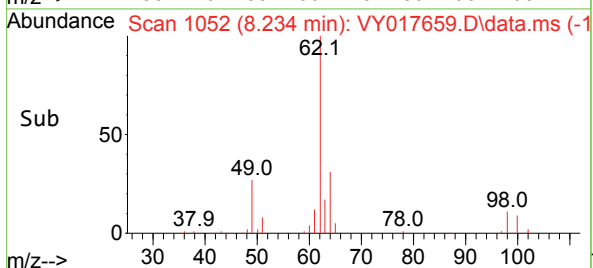
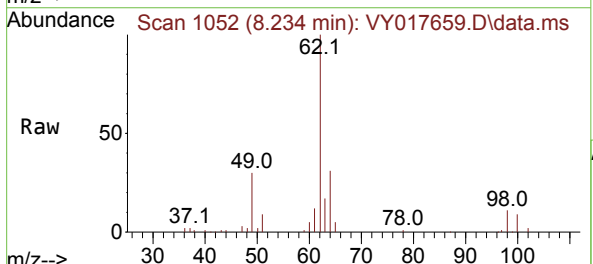


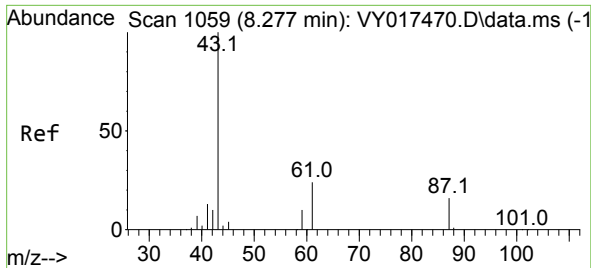
Tgt Ion: 41 Resp: 7189
Ion Ratio Lower Upper
41 100
39 72.5 48.0 72.0#
67 120.6 75.1 112.7#
52 43.8 29.8 44.6



#42
1,2-Dichloroethane
Concen: 17.634 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion: 62 Resp: 31632
Ion Ratio Lower Upper
62 100
98 11.6 0.0 22.0

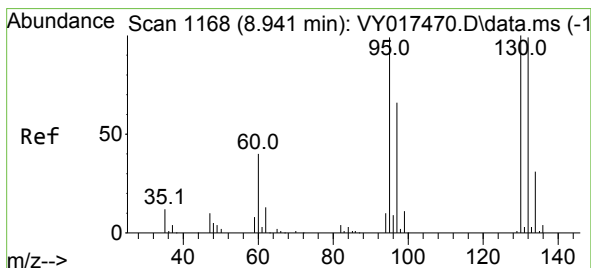
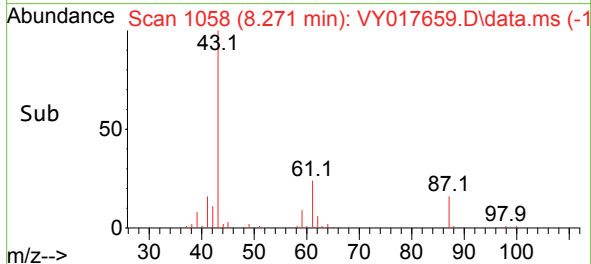
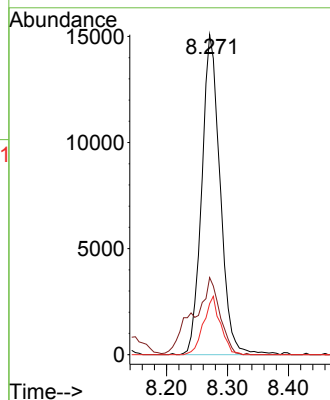
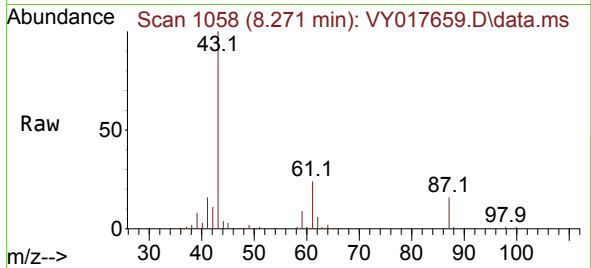




#43
Isopropyl Acetate
Concen: 18.397 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

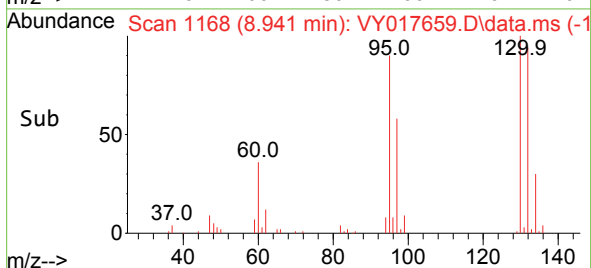
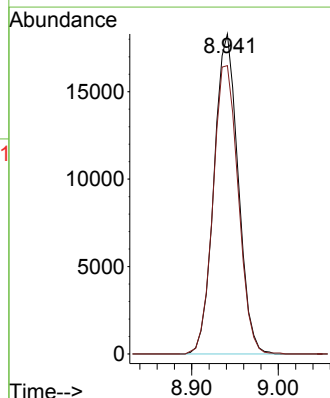
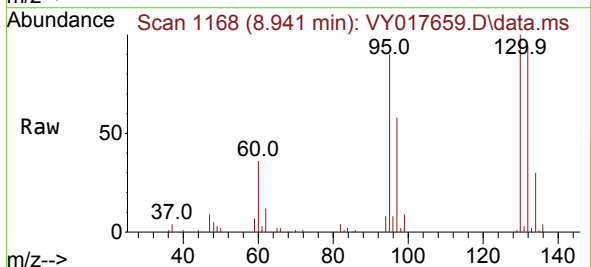
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

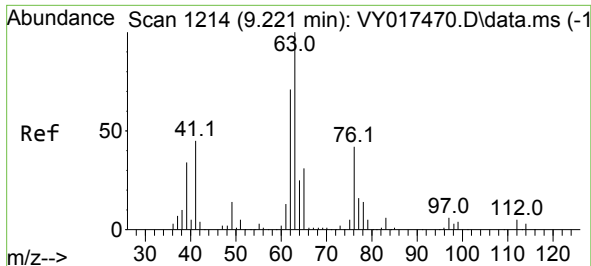
Tgt Ion: 43 Resp: 31610
Ion Ratio Lower Upper
43 100
61 34.8 27.9 41.9
87 16.8 13.1 19.7



#44
Trichloroethene
Concen: 16.680 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion:130 Resp: 35346
Ion Ratio Lower Upper
130 100
95 90.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 17.816 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

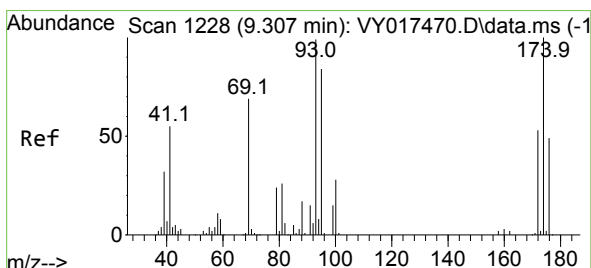
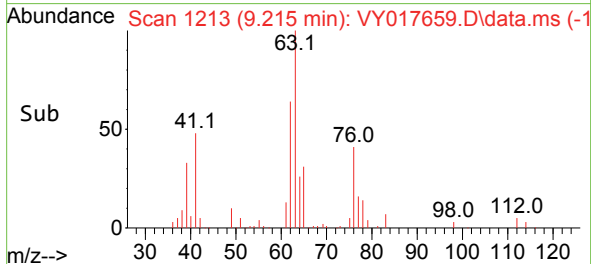
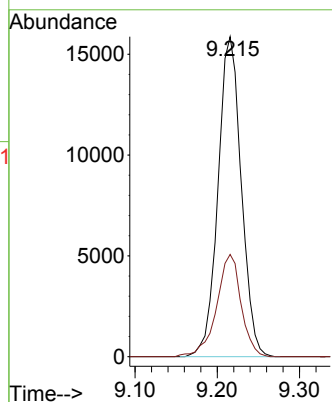
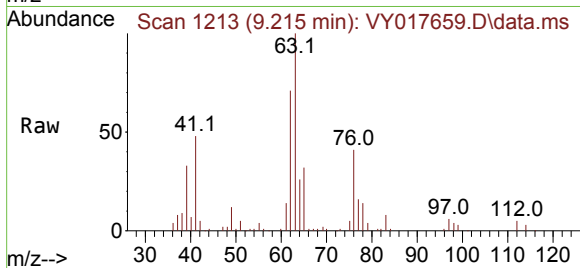
VY0314SBS01

Tgt Ion: 63 Resp: 31162

Ion Ratio Lower Upper

63 100

65 31.9 25.4 38.2



#46

Dibromomethane

Concen: 17.856 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

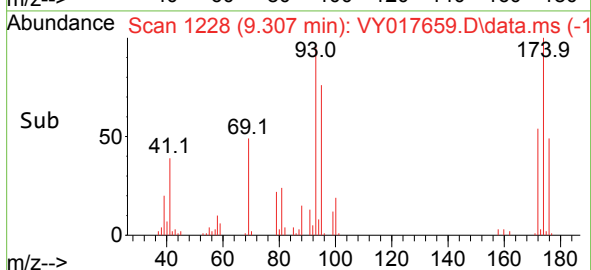
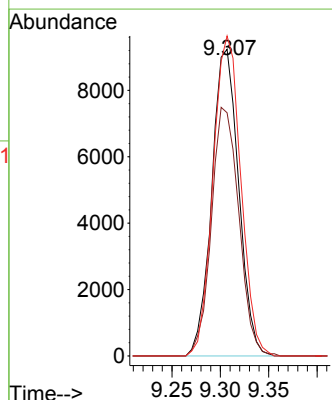
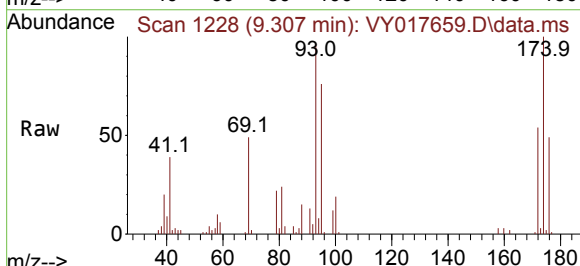
Tgt Ion: 93 Resp: 17875

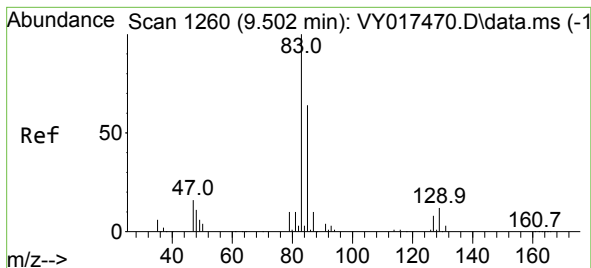
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 107.5 80.9 121.3





#47

Bromodichloromethane

Concen: 18.697 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

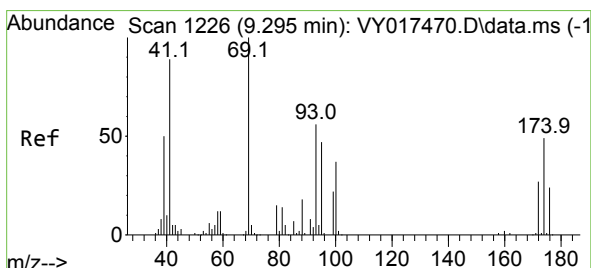
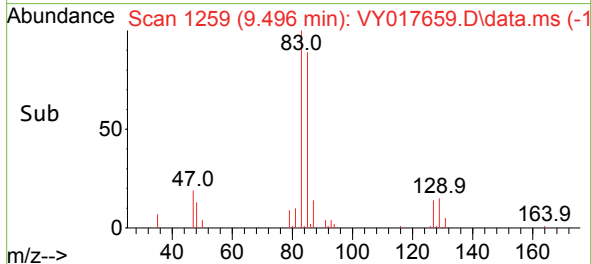
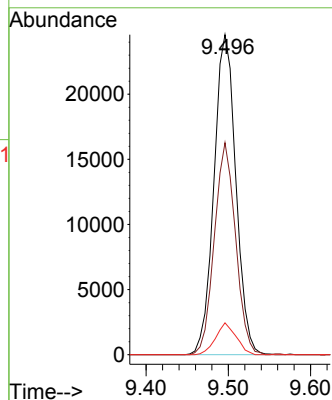
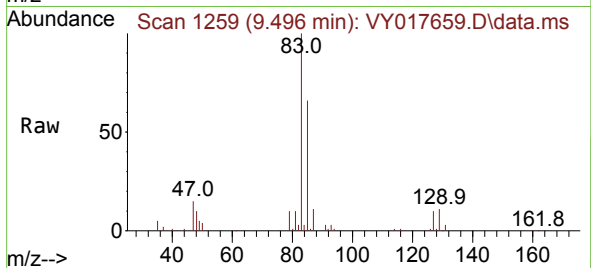
Tgt Ion: 83 Resp: 45444

Ion Ratio Lower Upper

83 100

85 66.2 50.1 75.1

127 9.9 7.4 11.0



#48

Methyl methacrylate

Concen: 16.659 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

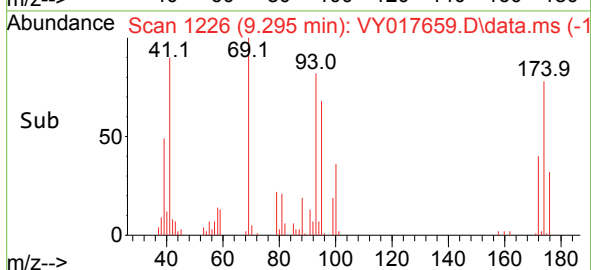
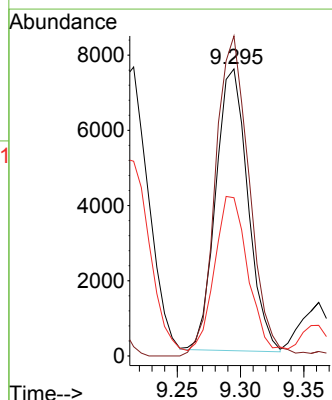
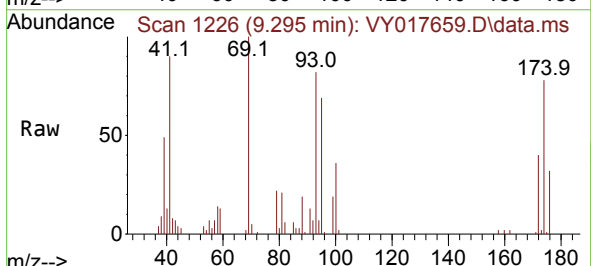
Tgt Ion: 41 Resp: 13249

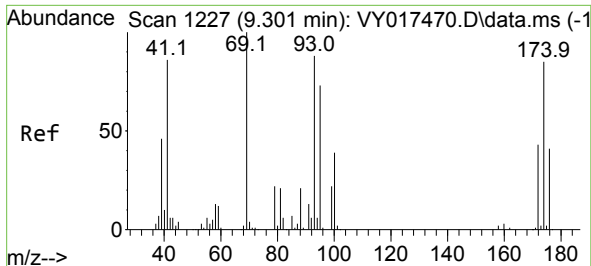
Ion Ratio Lower Upper

41 100

69 119.2 84.1 126.1

39 60.8 43.6 65.4





#49

1,4-Dioxane

Concen: 381.326 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

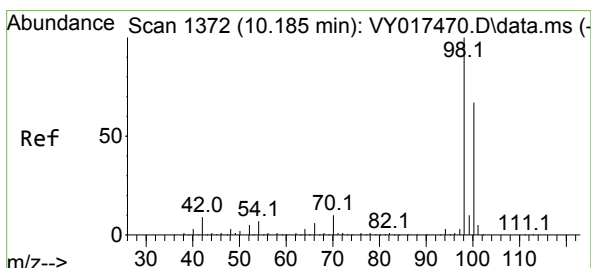
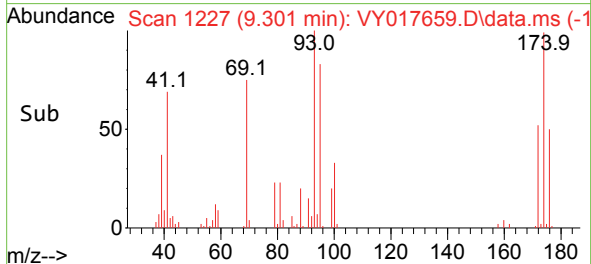
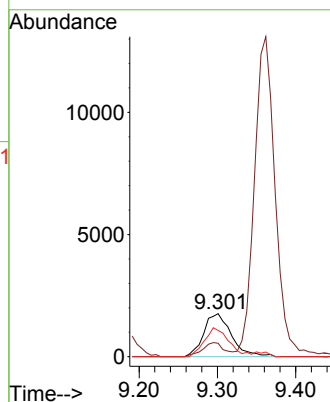
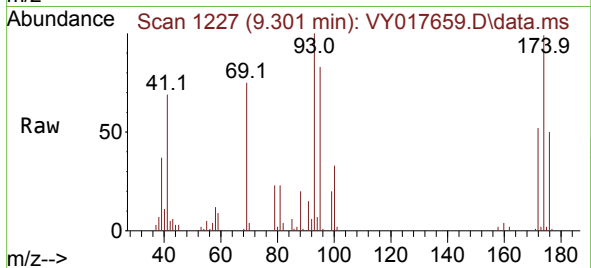
Tgt Ion: 88 Resp: 4320

Ion Ratio Lower Upper

88 100

43 26.0 0.0 0.0#

58 59.9 49.3 73.9



#50

Toluene-d8

Concen: 51.220 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY017659.D

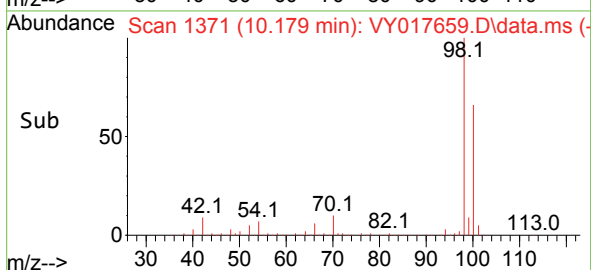
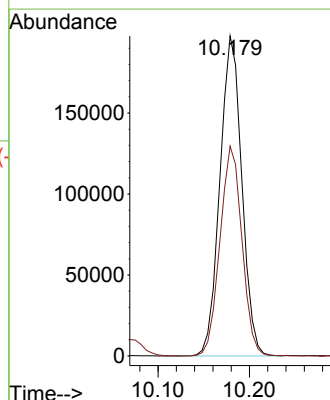
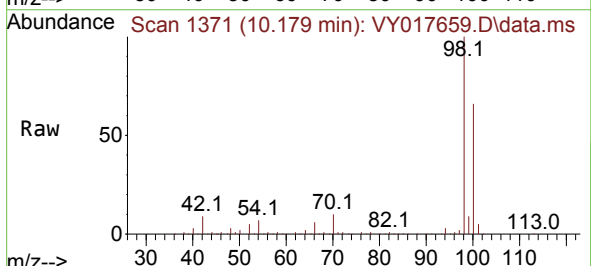
Acq: 14 Mar 2024 12:10

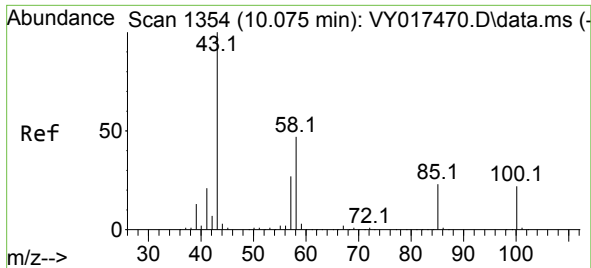
Tgt Ion: 98 Resp: 328596

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0

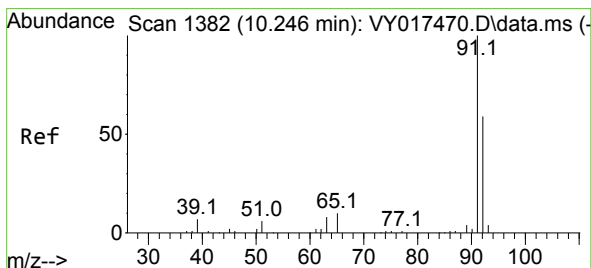
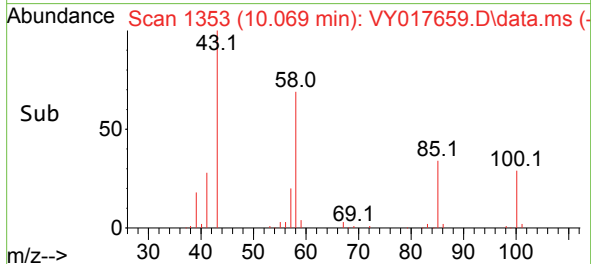
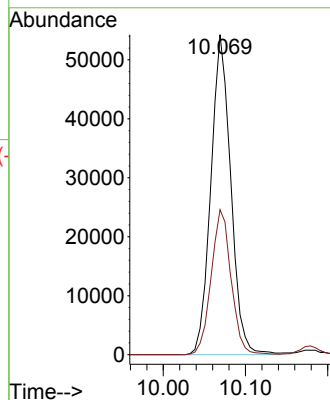
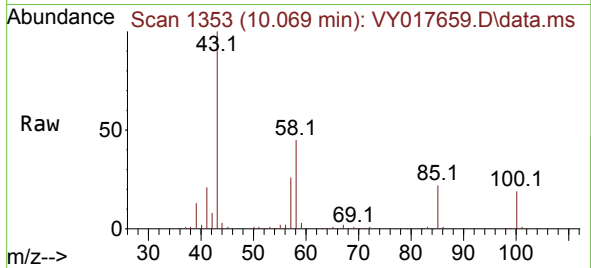




#51
4-Methyl-2-Pentanone
Concen: 95.366 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

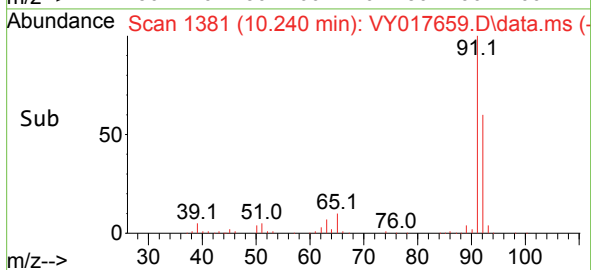
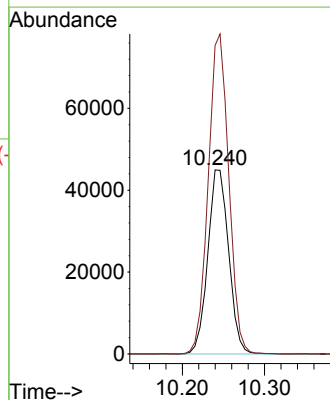
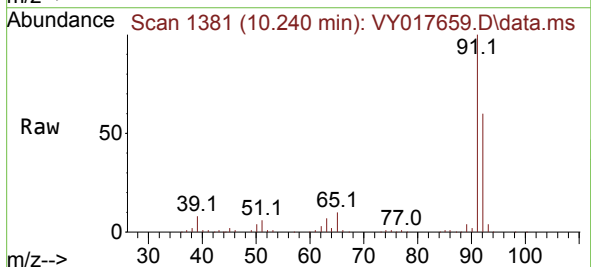
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

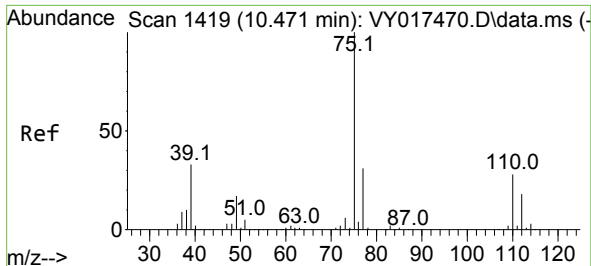
Tgt Ion: 43 Resp: 91324
Ion Ratio Lower Upper
43 100
58 45.4 35.7 53.5



#52
Toluene
Concen: 17.081 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion: 92 Resp: 79166
Ion Ratio Lower Upper
92 100
91 171.2 139.0 208.6

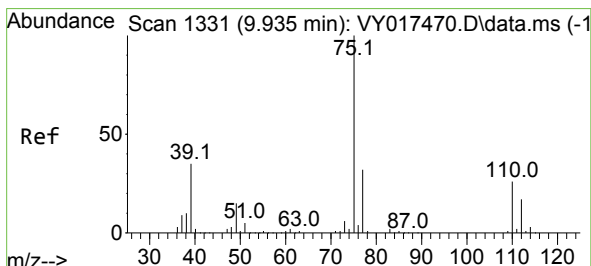
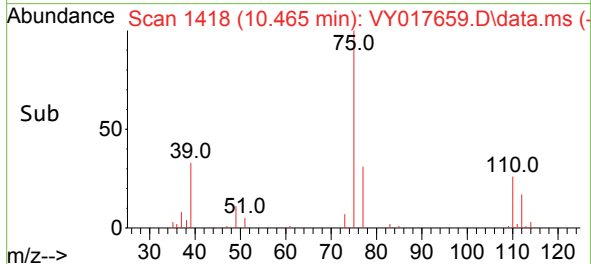
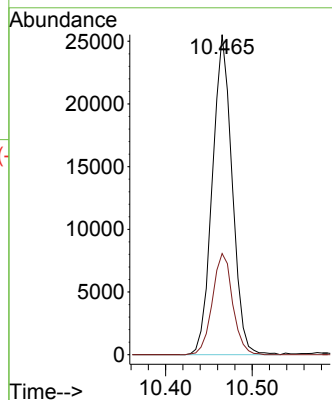
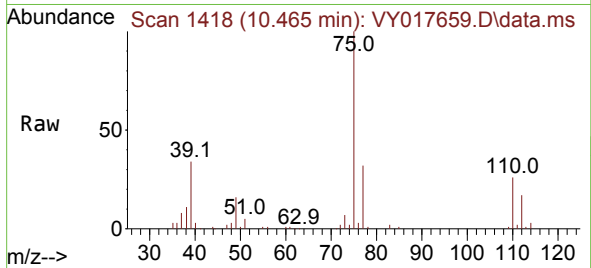




#53
t-1,3-Dichloropropene
Concen: 17.943 ug/l
RT: 10.465 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

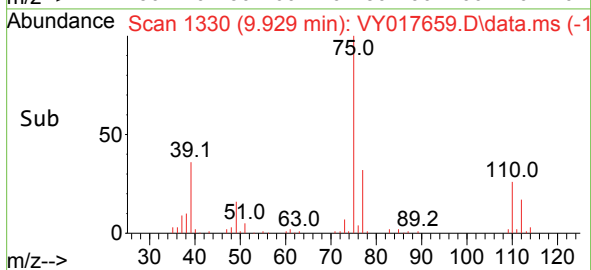
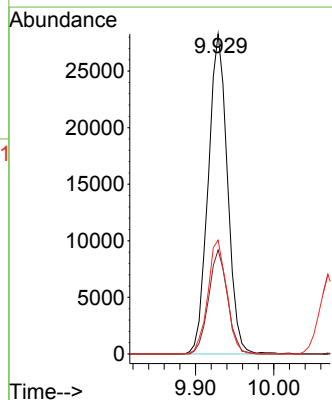
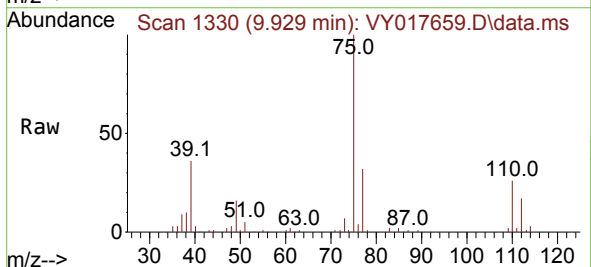
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

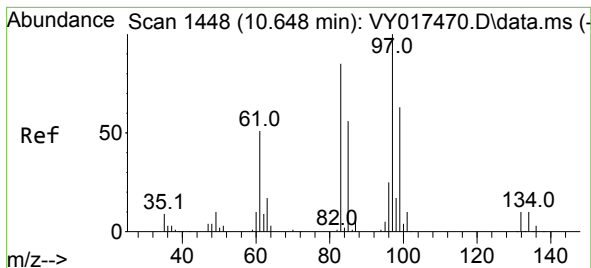
Tgt Ion: 75 Resp: 40479
Ion Ratio Lower Upper
75 100
77 31.6 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 17.602 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion: 75 Resp: 48253
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
39 35.5 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 18.999 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

Tgt Ion: 97 Resp: 27003

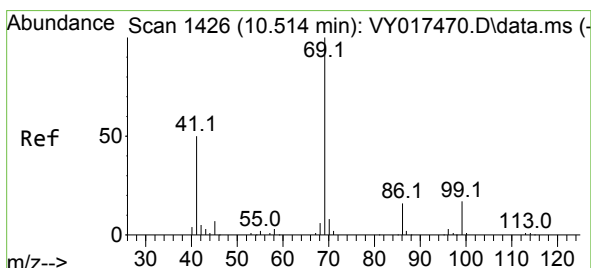
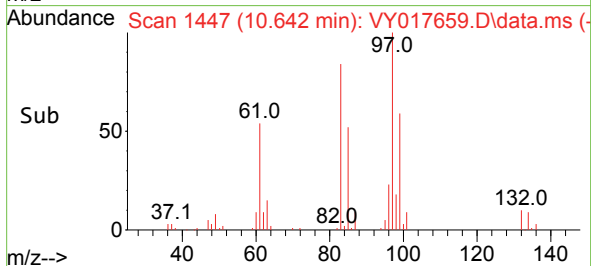
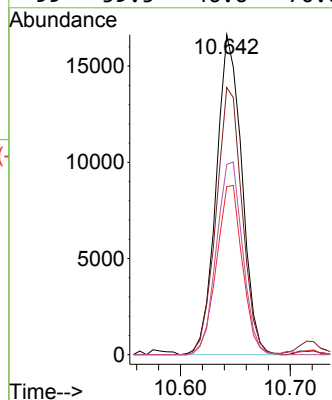
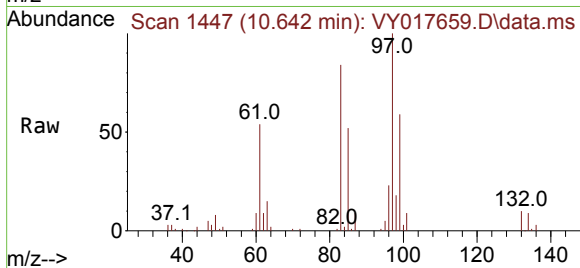
Ion Ratio Lower Upper

97 100

83 83.5 67.5 101.3

85 52.5 42.9 64.3

99 59.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 18.017 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

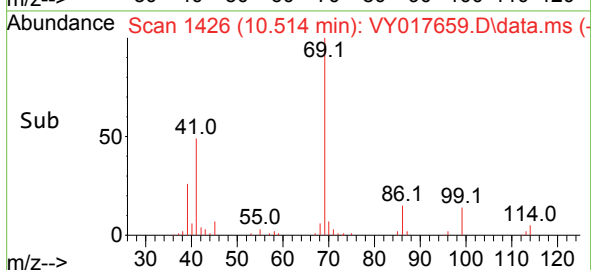
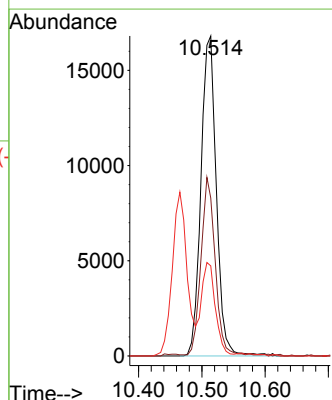
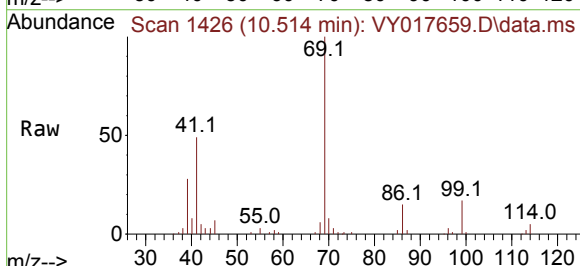
Tgt Ion: 69 Resp: 28514

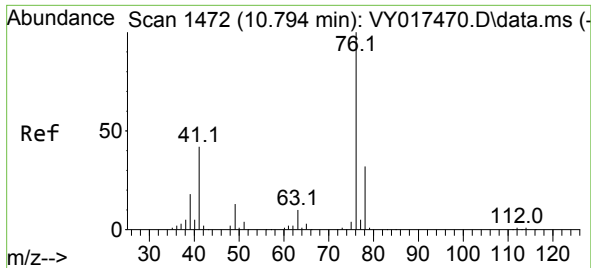
Ion Ratio Lower Upper

69 100

41 50.6 42.3 63.5

39 26.8 22.9 34.3

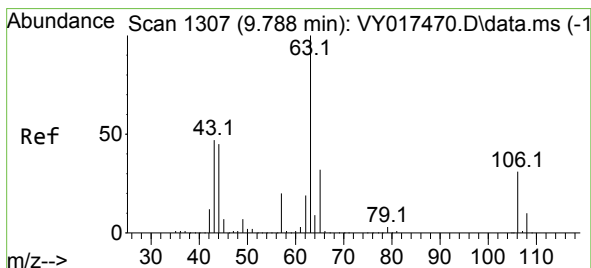
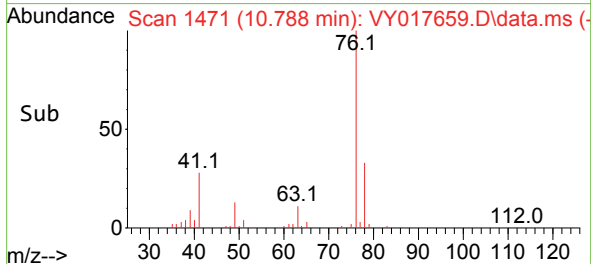
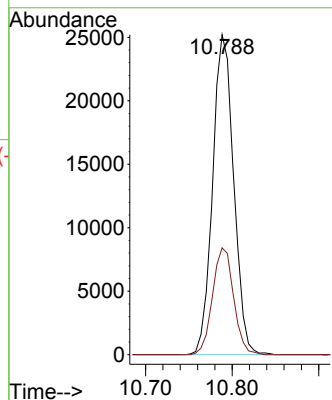
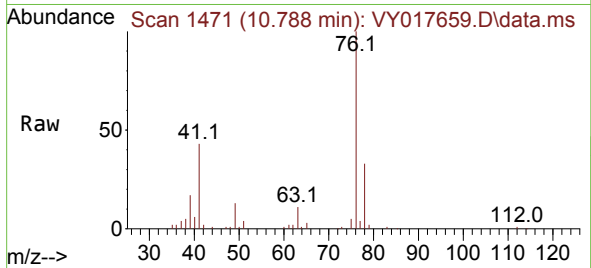




#57
1,3-Dichloropropane
Concen: 18.387 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

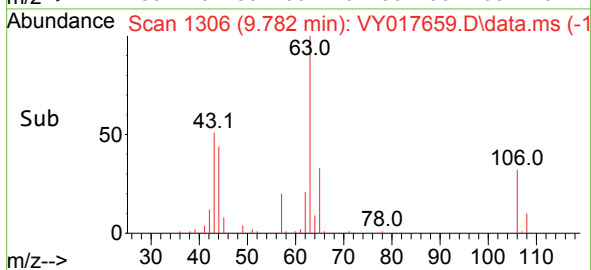
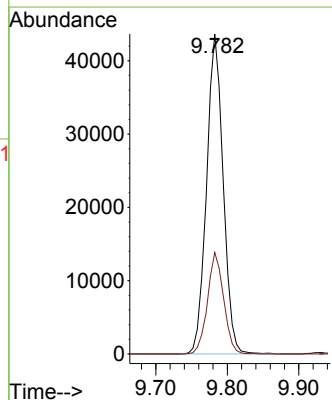
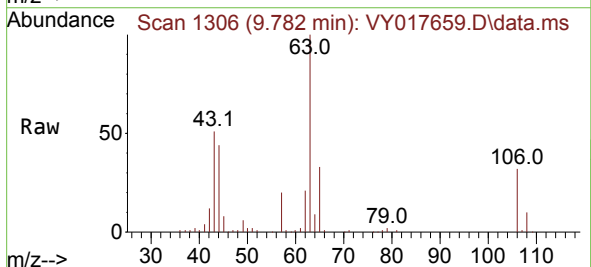
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

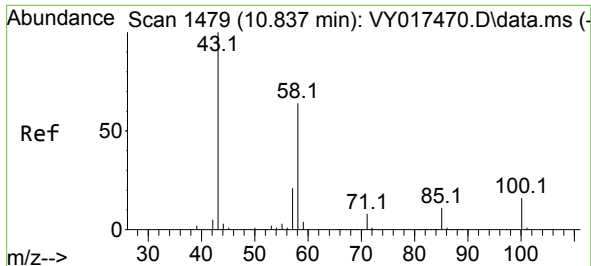
Tgt Ion: 76 Resp: 42488
Ion Ratio Lower Upper
76 100
78 33.4 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 85.851 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion: 63 Resp: 70411
Ion Ratio Lower Upper
63 100
106 30.8 23.7 35.5

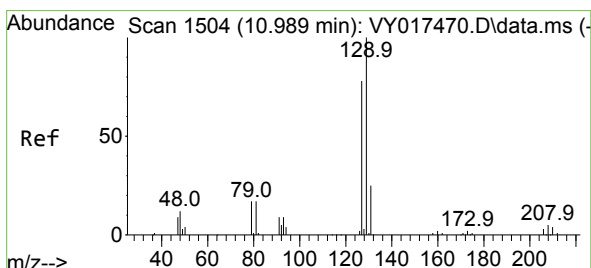
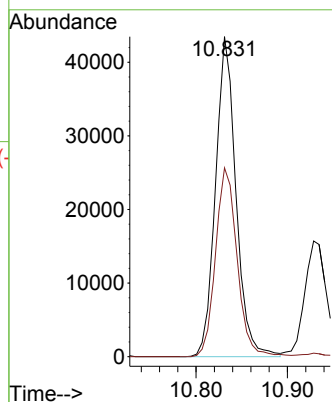
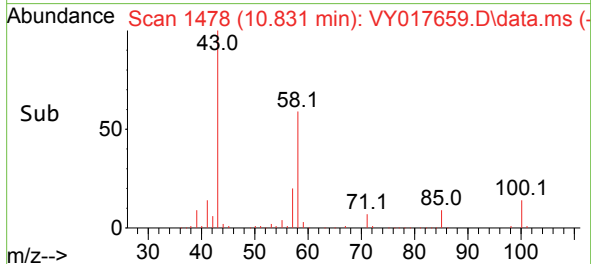
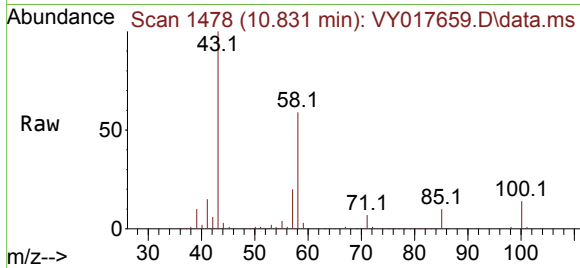




#59
2-Hexanone
Concen: 102.775 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

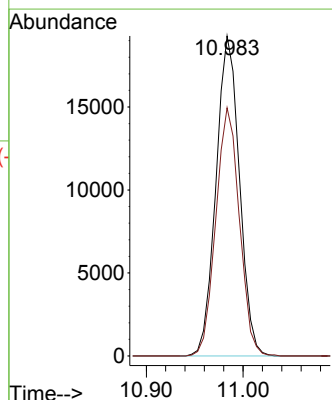
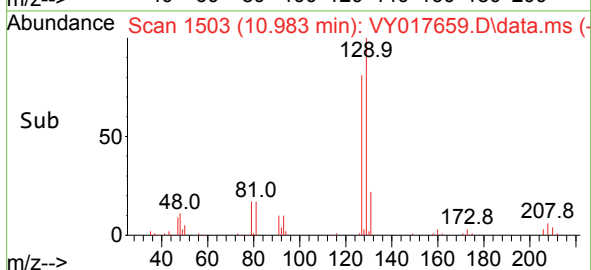
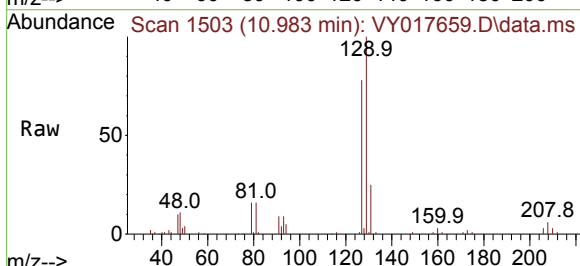
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

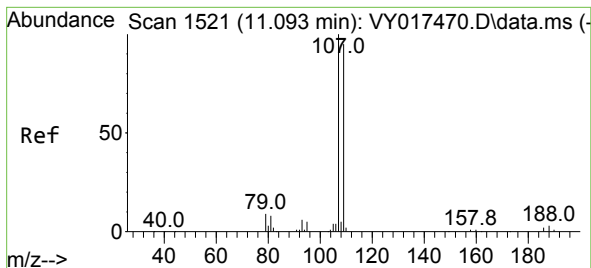
Tgt Ion: 43 Resp: 67602
Ion Ratio Lower Upper
43 100
58 62.3 31.4 94.0



#60
Dibromochloromethane
Concen: 19.263 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion: 129 Resp: 32389
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0





#61

1,2-Dibromoethane

Concen: 18.253 ug/l

RT: 11.087 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

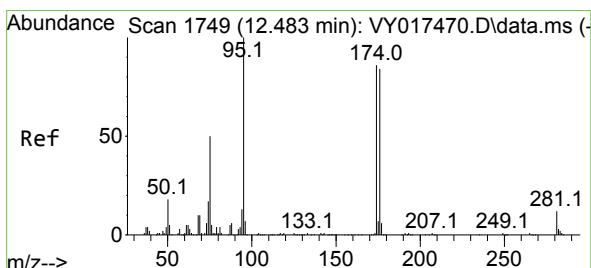
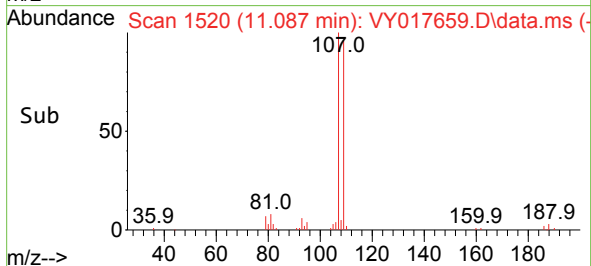
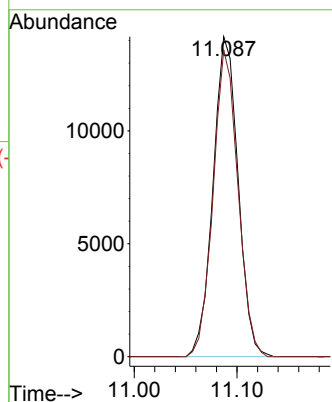
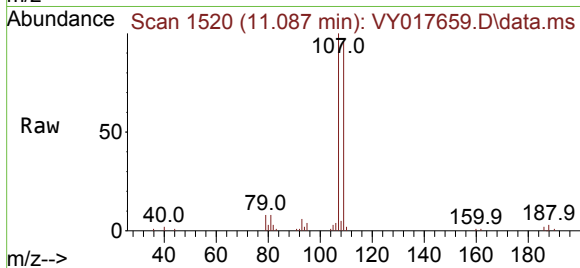
VY0314SBS01

Tgt Ion:107 Resp: 23907

Ion Ratio Lower Upper

107 100

109 95.1 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 51.965 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

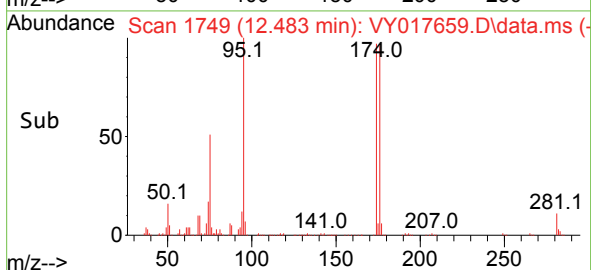
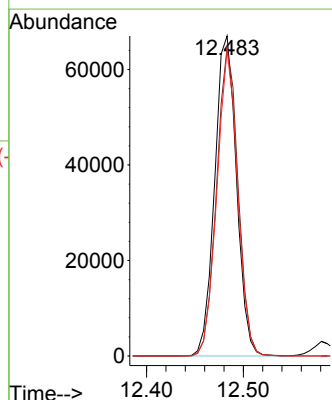
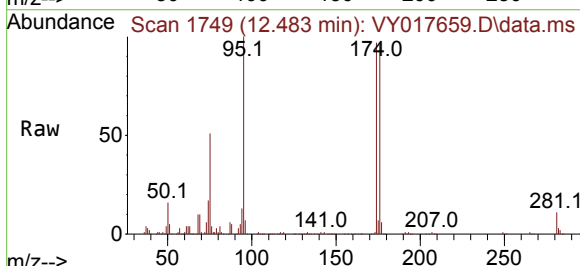
Tgt Ion: 95 Resp: 104771

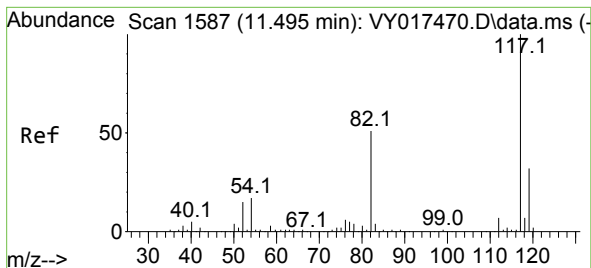
Ion Ratio Lower Upper

95 100

174 94.9 0.0 175.6

176 90.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

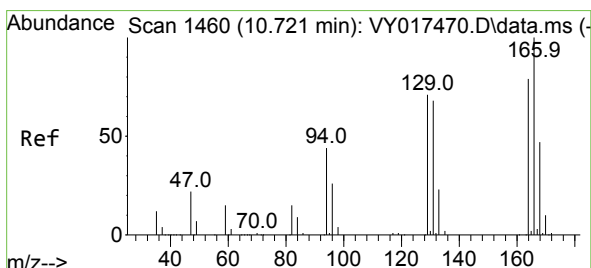
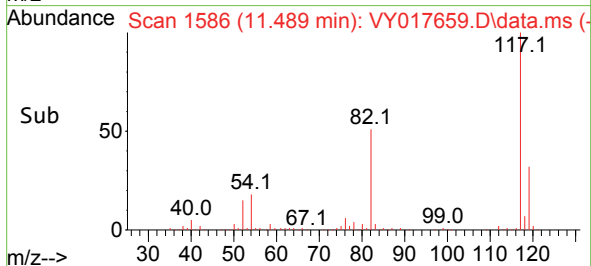
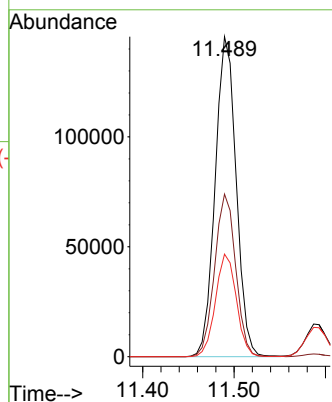
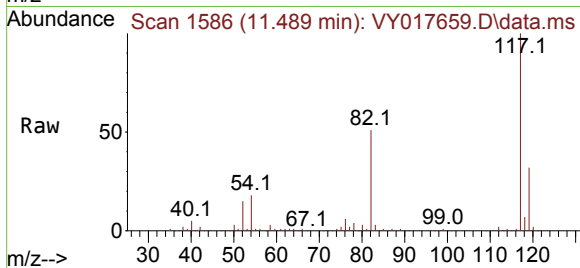
Tgt Ion:117 Resp: 232658

Ion Ratio Lower Upper

117 100

82 50.8 42.4 63.6

119 32.1 25.9 38.9



#64

Tetrachloroethene

Concen: 16.647 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Tgt Ion:164 Resp: 37174

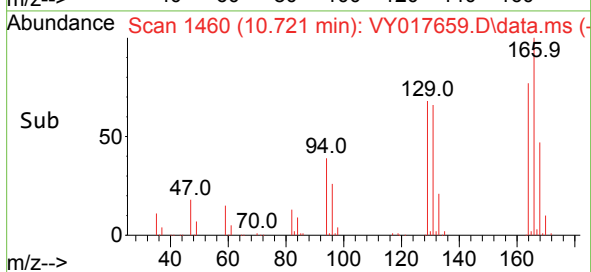
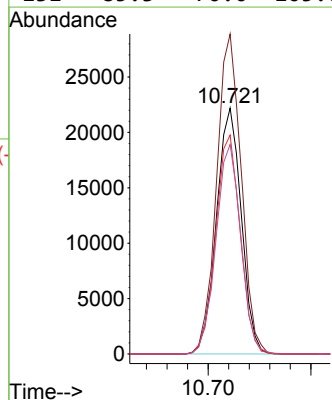
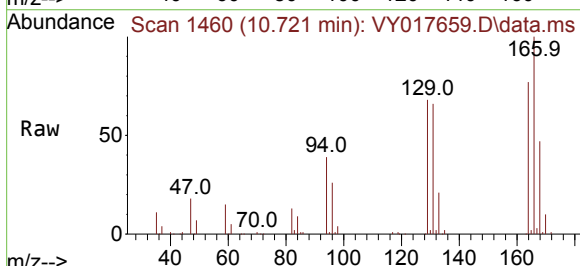
Ion Ratio Lower Upper

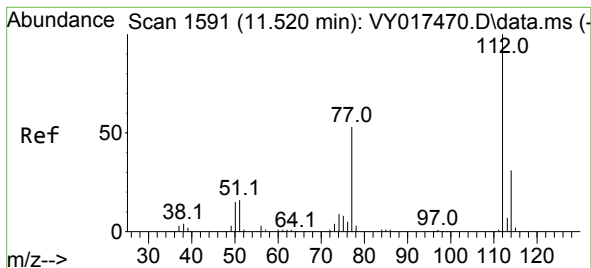
164 100

166 130.1 102.6 154.0

129 89.0 72.0 108.0

131 85.3 70.0 105.0

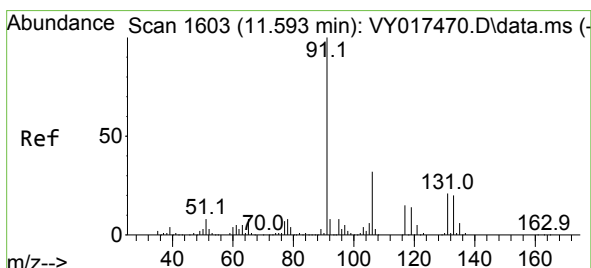
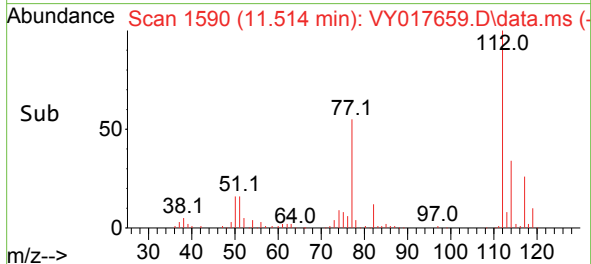
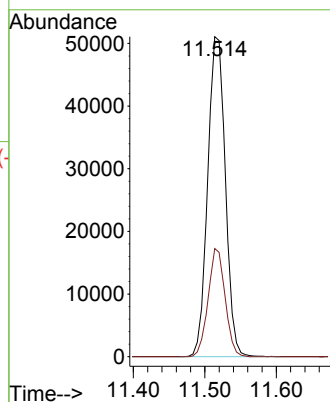
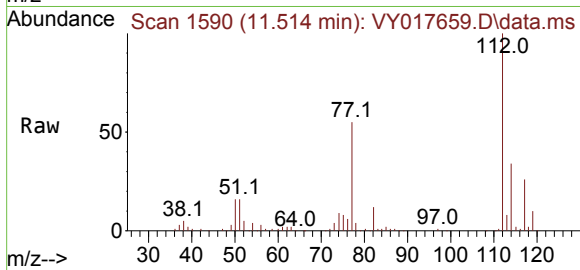




#65
Chlorobenzene
Concen: 17.740 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

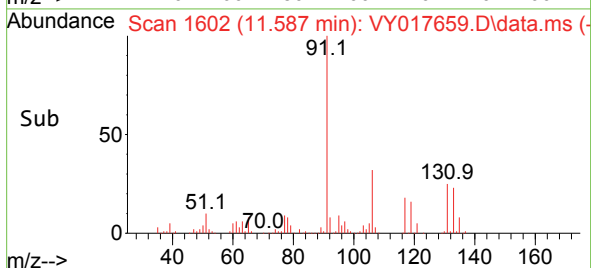
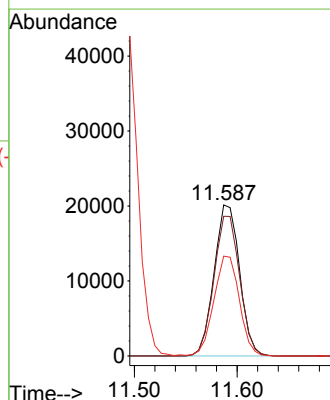
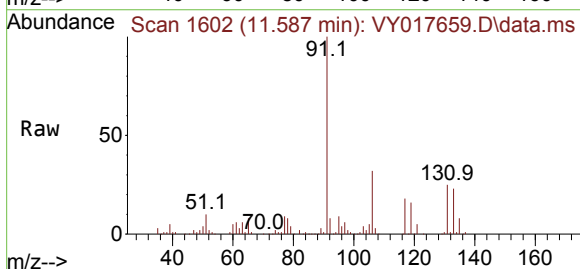
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

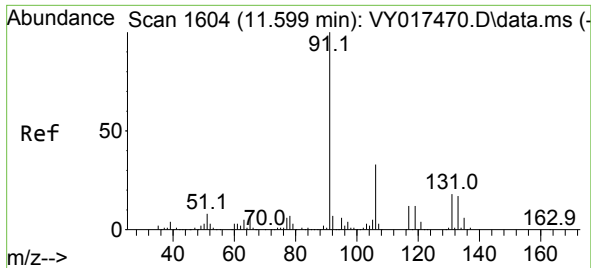
Tgt Ion:112 Resp: 87607
Ion Ratio Lower Upper
112 100
114 33.8 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.651 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion:131 Resp: 34505
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.3
119 66.4 34.1 102.2

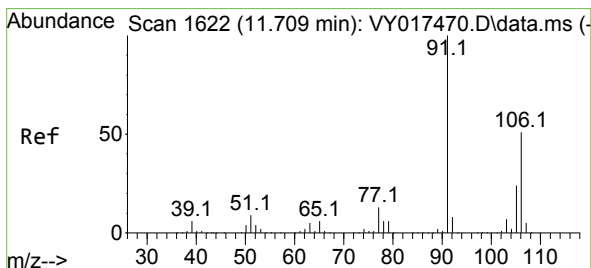
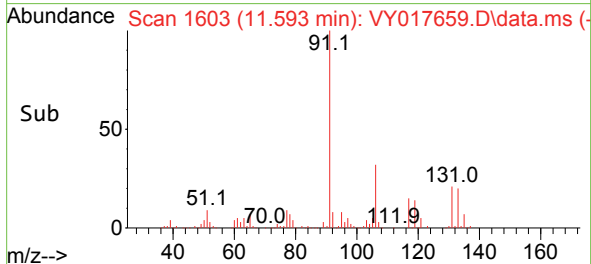
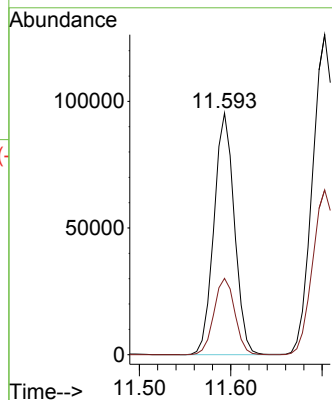
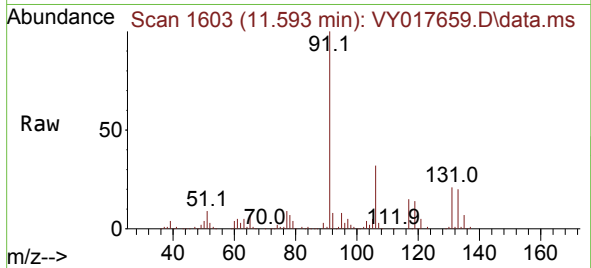




#67
Ethyl Benzene
Concen: 17.105 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

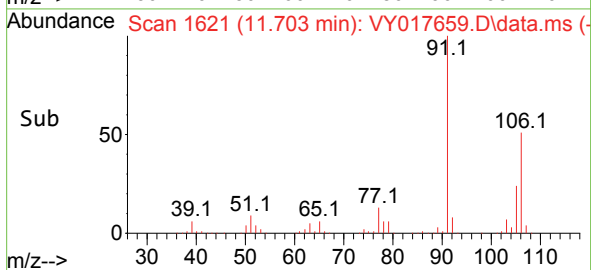
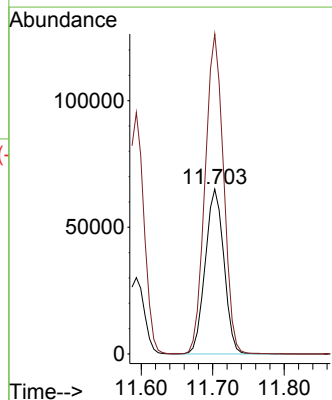
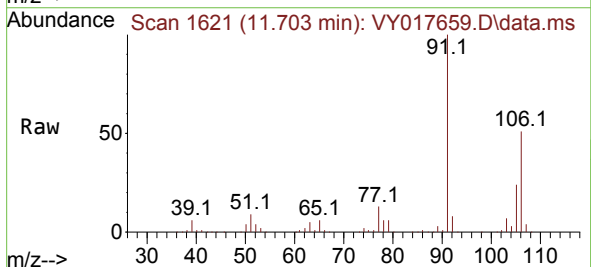
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

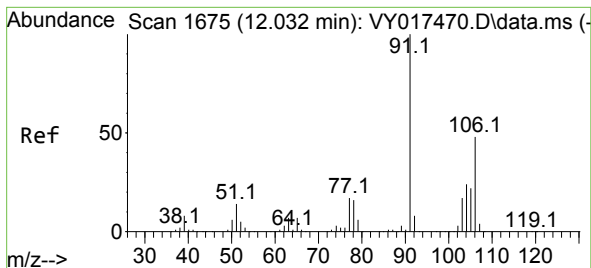
Tgt Ion: 91 Resp: 148143
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7



#68
m/p-Xylenes
Concen: 34.722 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion:106 Resp: 118162
Ion Ratio Lower Upper
106 100
91 191.7 156.0 234.0





#69

o-Xylene

Concen: 17.230 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

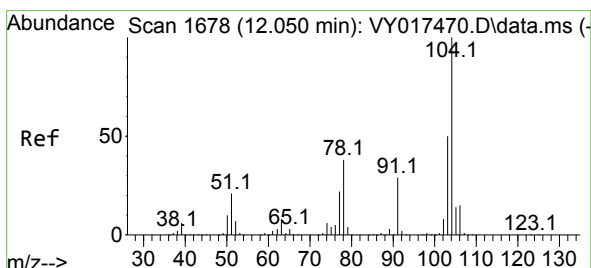
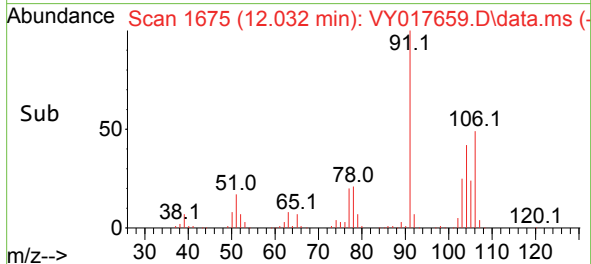
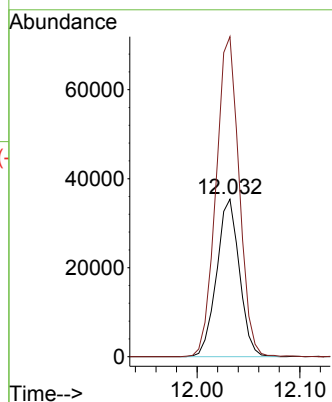
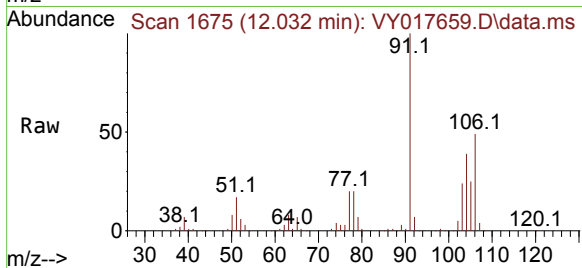
VY0314SBS01

Tgt Ion:106 Resp: 54397

Ion Ratio Lower Upper

106 100

91 206.8 103.6 310.8



#70

Styrene

Concen: 17.920 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

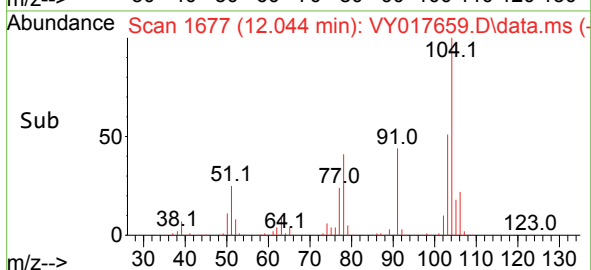
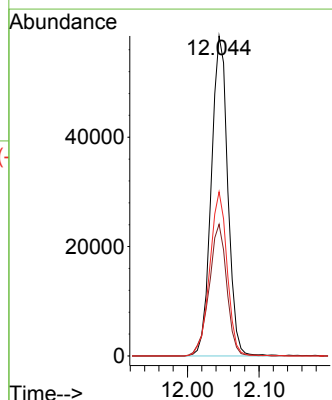
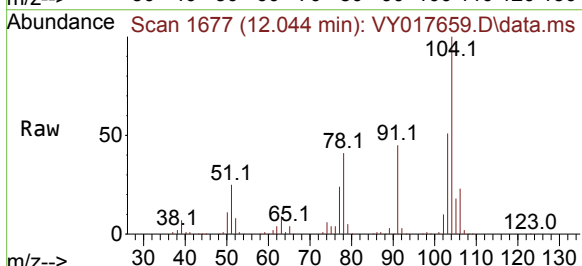
Tgt Ion:104 Resp: 93914

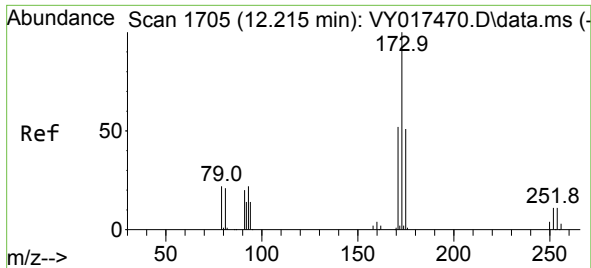
Ion Ratio Lower Upper

104 100

78 43.9 37.0 55.4

103 54.0 44.2 66.2

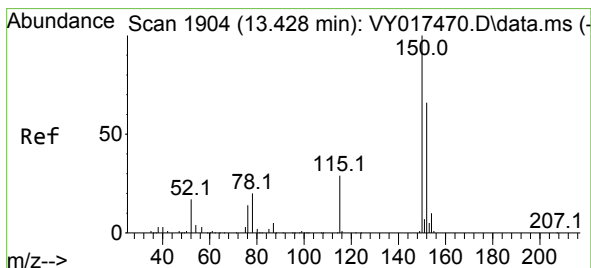
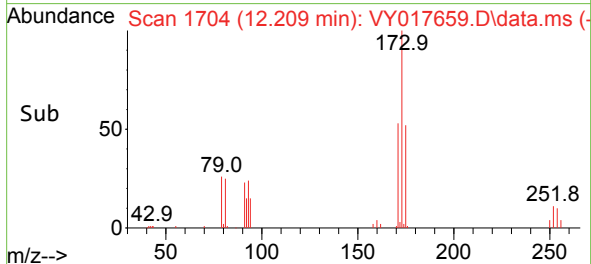
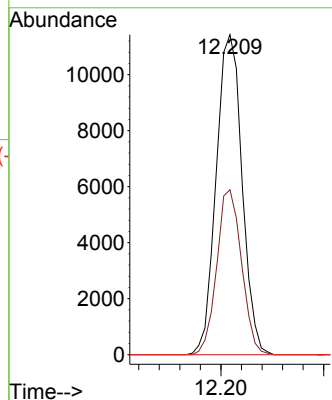
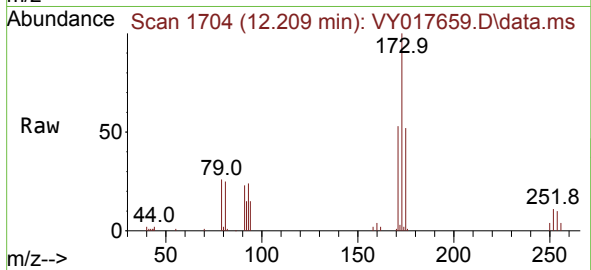




#71
Bromoform
Concen: 19.469 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

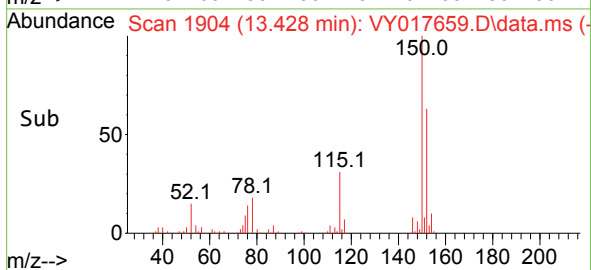
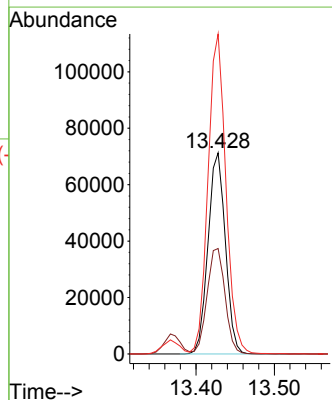
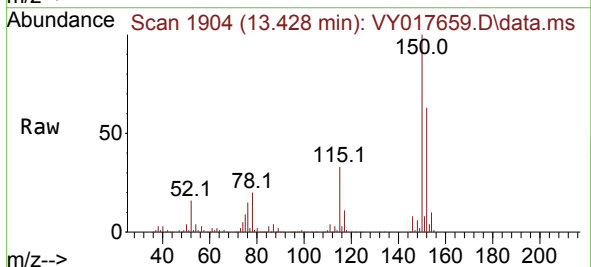
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

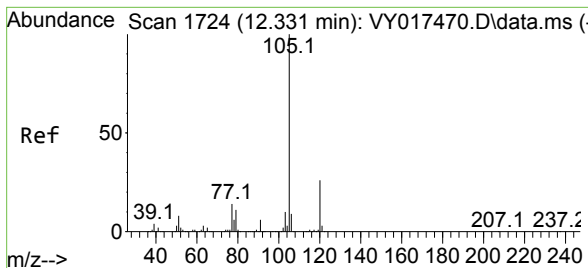
Tgt Ion:173 Resp: 19960
Ion Ratio Lower Upper
173 100
175 49.4 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion:152 Resp: 109537
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 163.5 0.0 345.6





#73

Isopropylbenzene

Concen: 18.008 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

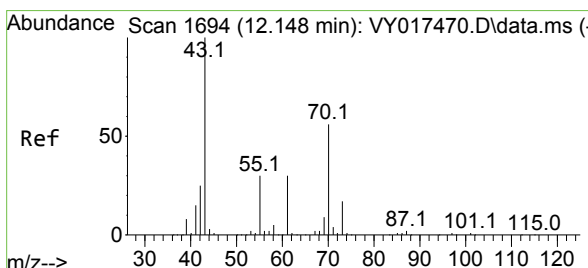
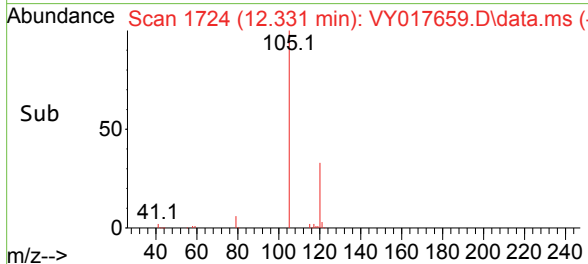
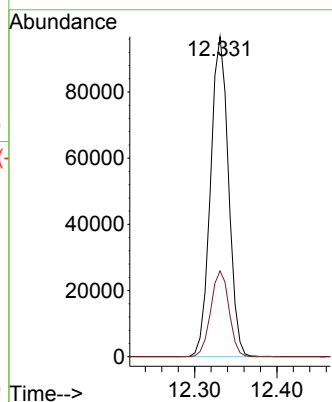
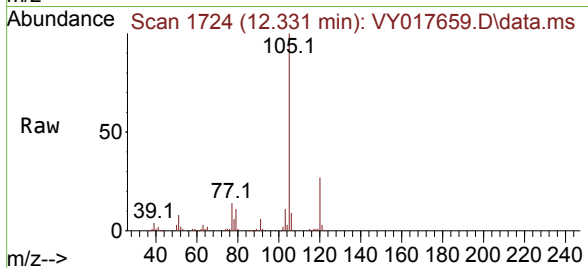
VY0314SBSD01

Tgt Ion:105 Resp: 146545

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 19.161 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Tgt Ion: 43 Resp: 27502

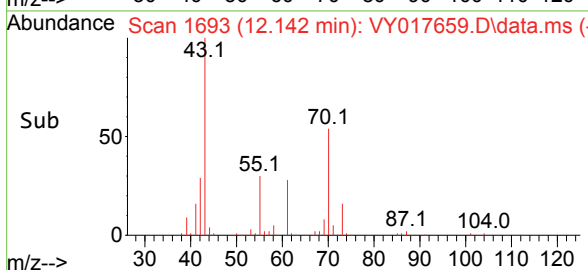
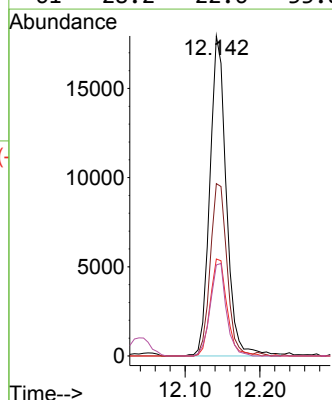
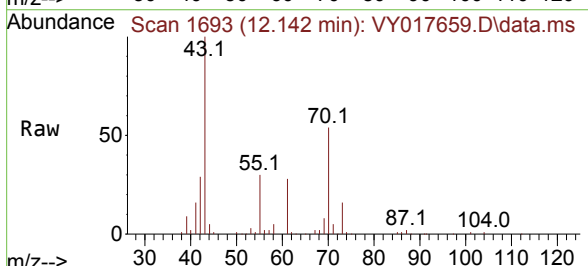
Ion Ratio Lower Upper

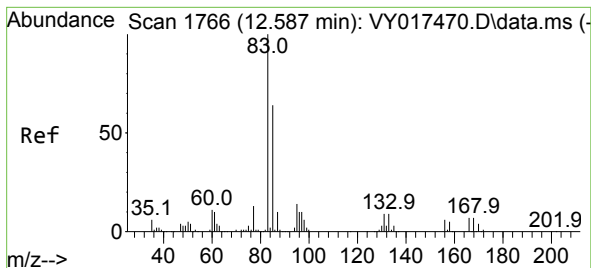
43 100

70 54.3 41.4 62.2

55 30.8 23.3 34.9

61 28.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.687 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

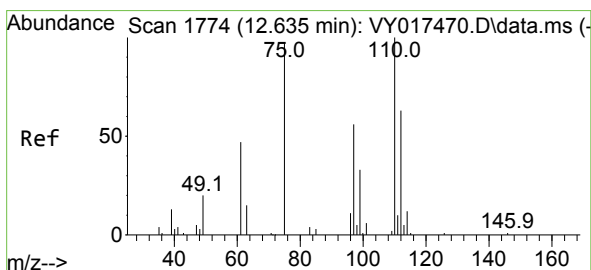
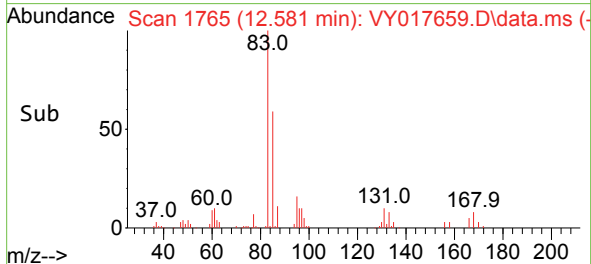
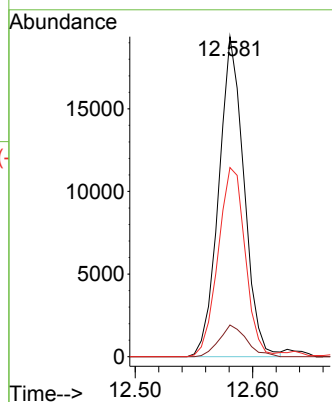
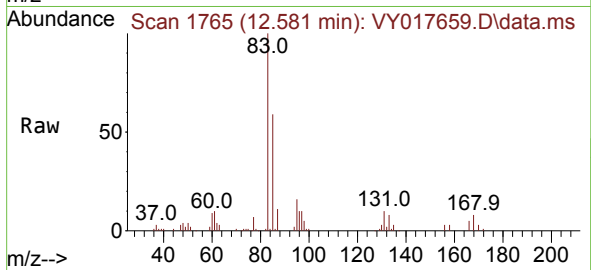
Tgt Ion: 83 Resp: 28909

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 63.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 33.676 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY017659.D

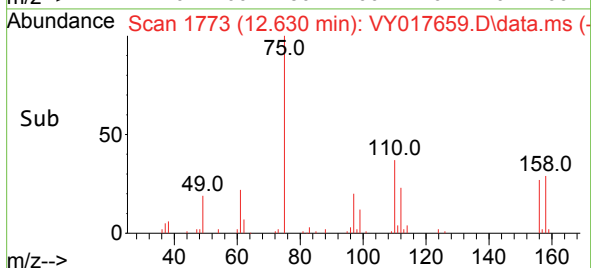
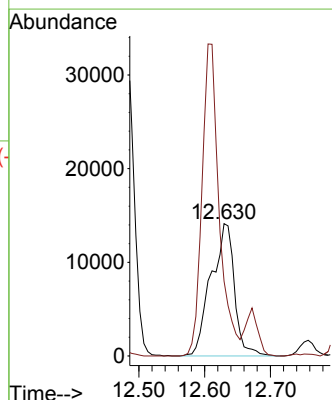
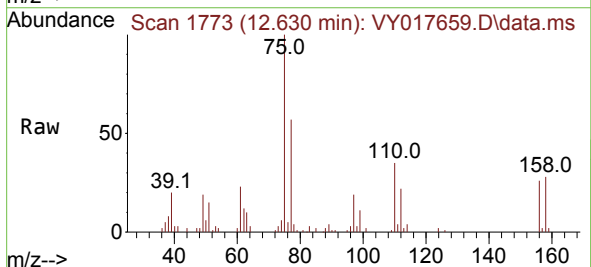
Acq: 14 Mar 2024 12:10

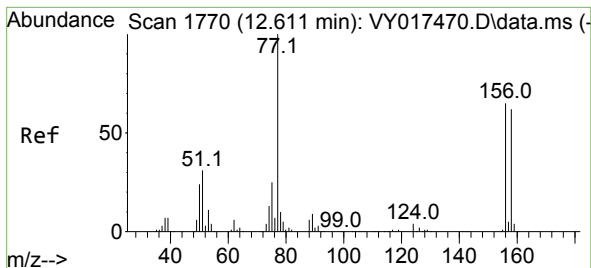
Tgt Ion: 75 Resp: 35049

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.512 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

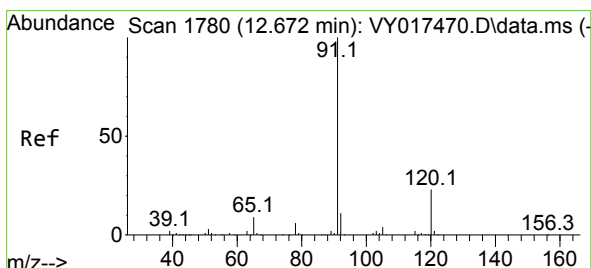
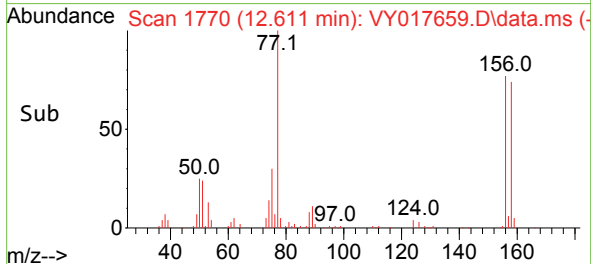
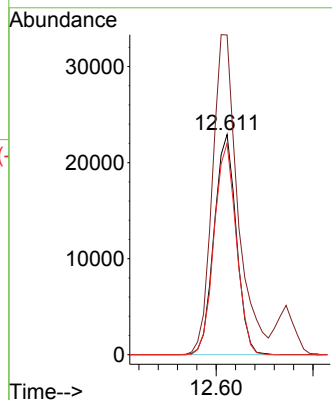
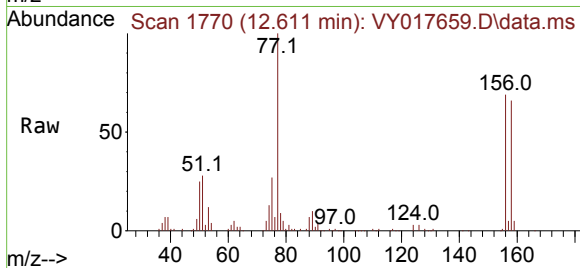
Tgt Ion:156 Resp: 36483

Ion Ratio Lower Upper

156 100

77 166.7 87.1 261.3

158 95.9 48.6 145.9



#78

n-propylbenzene

Concen: 18.326 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017659.D

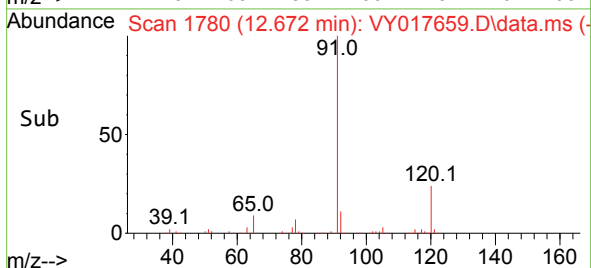
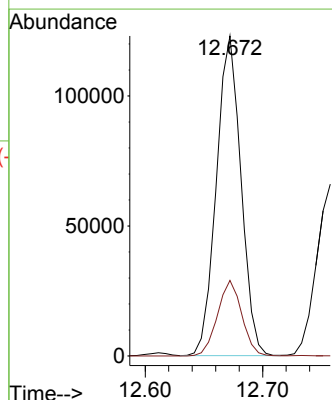
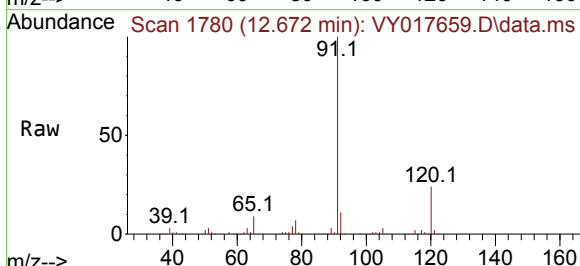
Acq: 14 Mar 2024 12:10

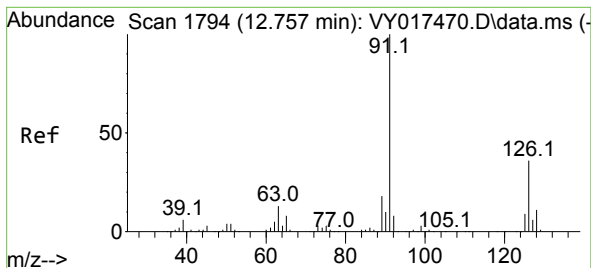
Tgt Ion: 91 Resp: 178942

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.335 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

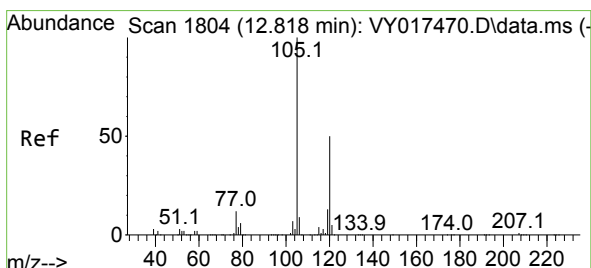
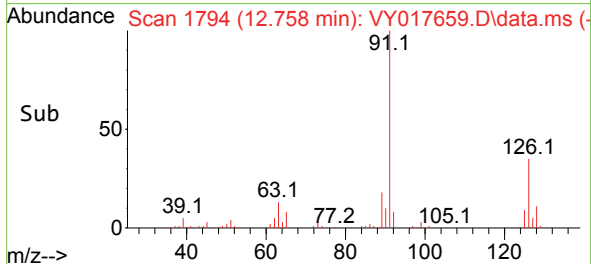
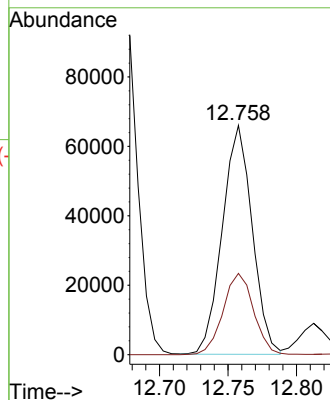
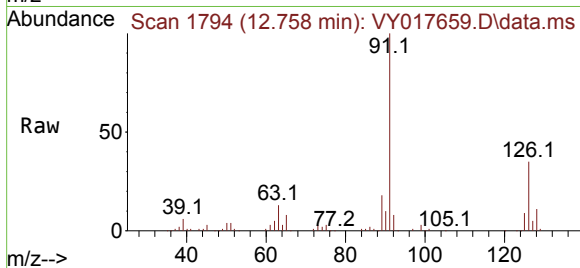
VY0314SBSD01

Tgt Ion: 91 Resp: 100235

Ion Ratio Lower Upper

91 100

126 36.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 18.336 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.006 min

Lab File: VY017659.D

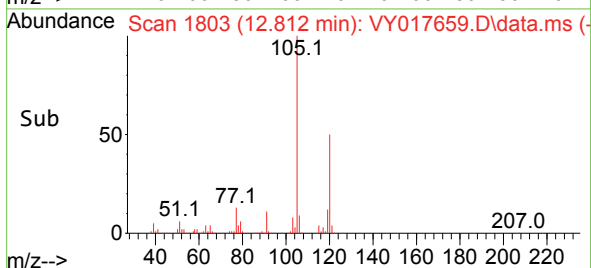
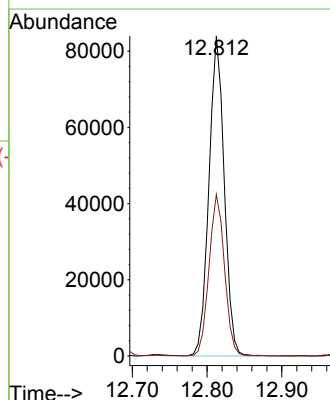
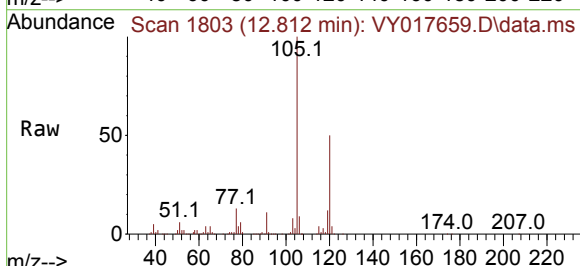
Acq: 14 Mar 2024 12:10

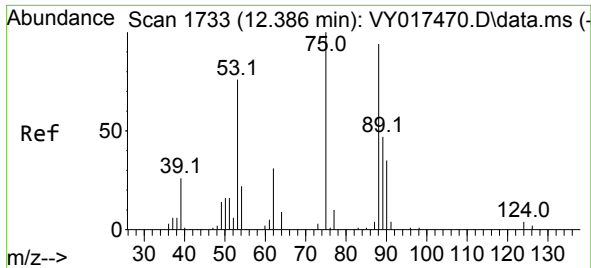
Tgt Ion:105 Resp: 119549

Ion Ratio Lower Upper

105 100

120 51.1 25.1 75.2

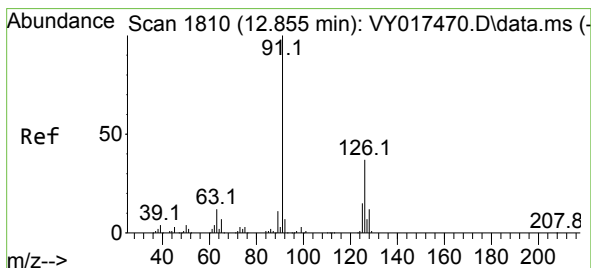
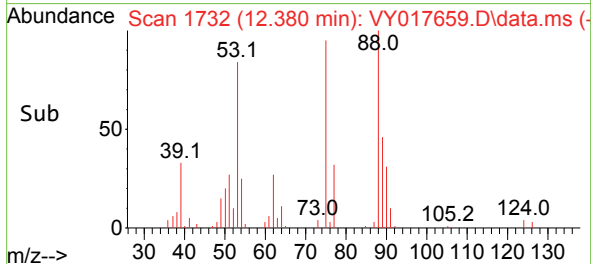
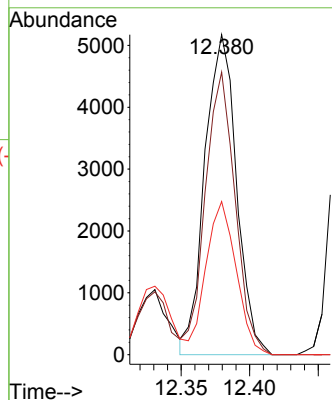
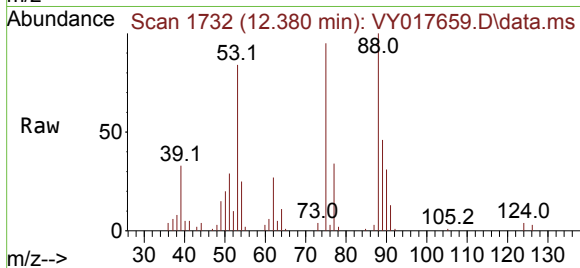




#81
trans-1,4-Dichloro-2-butene
Concen: 18.351 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

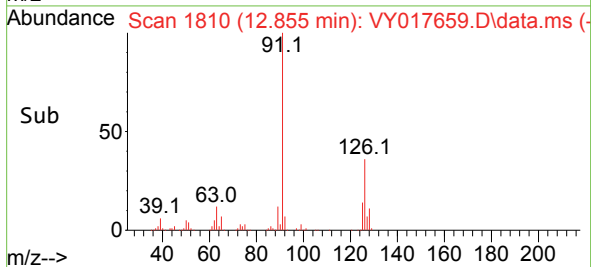
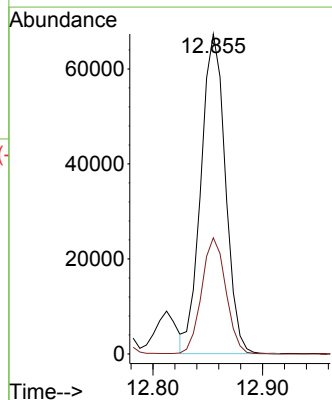
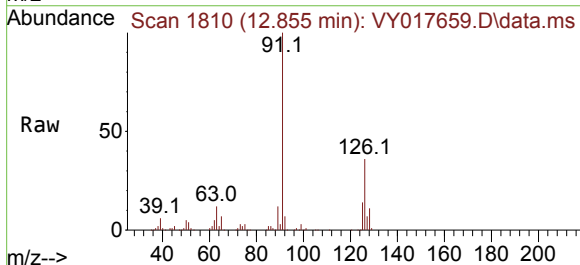
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

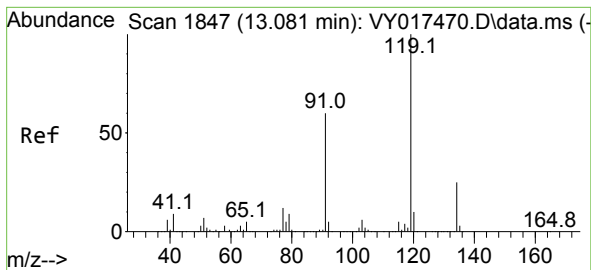
Tgt Ion:	75	Resp:	8312
Ion	Ratio	Lower	Upper
75	100		
53	83.2	66.8	100.2
89	45.3	35.8	53.6



#82
4-Chlorotoluene
Concen: 18.621 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion:	91	Resp:	104124
Ion	Ratio	Lower	Upper
91	100		
126	36.2	17.6	52.9





#83

tert-Butylbenzene

Concen: 18.696 ug/l

RT: 13.075 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

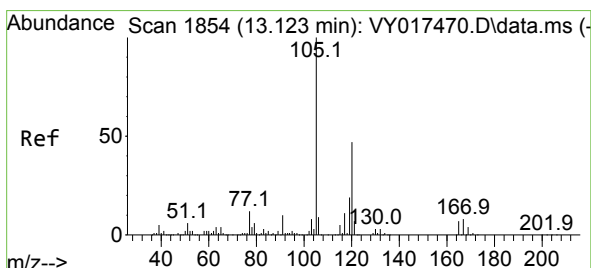
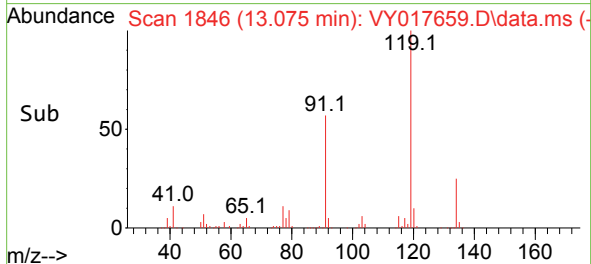
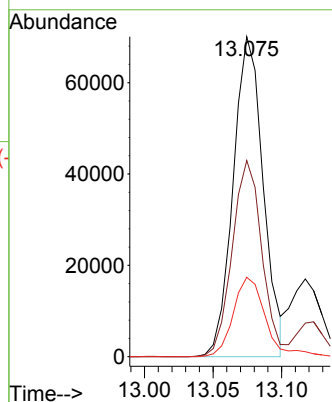
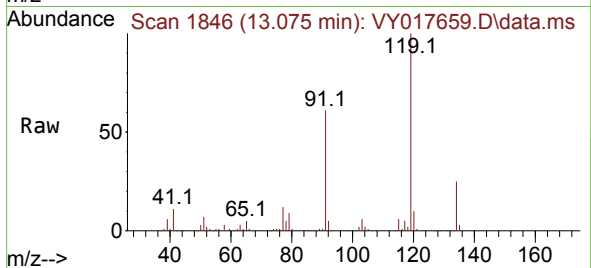
Tgt Ion:119 Resp: 107038

Ion Ratio Lower Upper

119 100

91 61.1 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 18.525 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017659.D

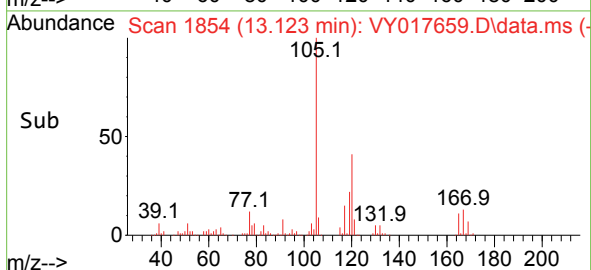
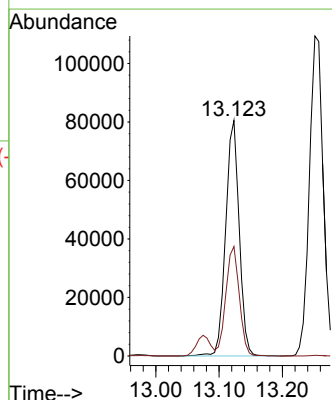
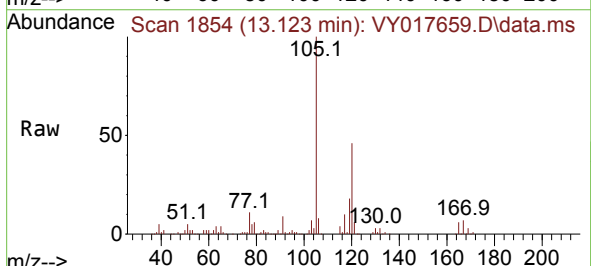
Acq: 14 Mar 2024 12:10

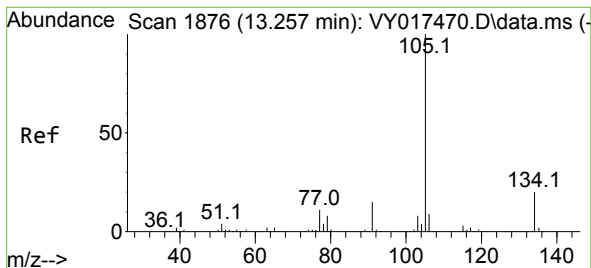
Tgt Ion:105 Resp: 119236

Ion Ratio Lower Upper

105 100

120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 18.869 ug/l

RT: 13.251 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

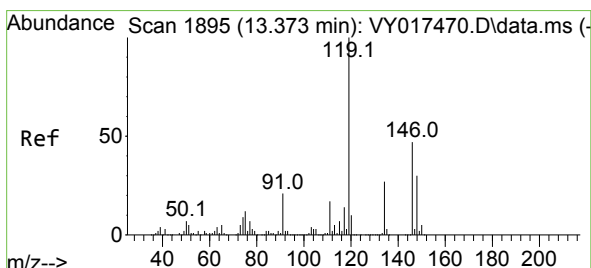
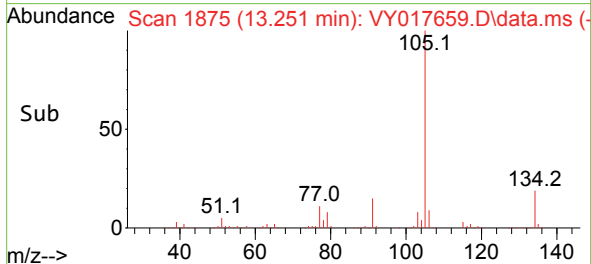
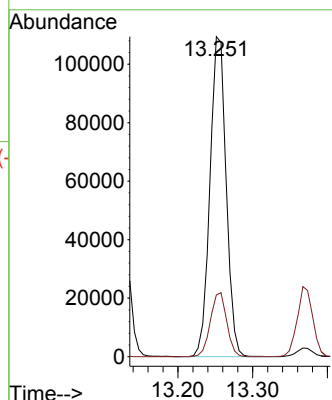
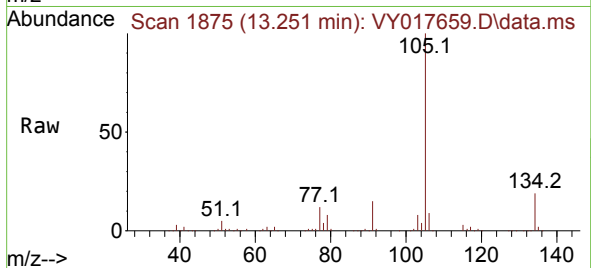
VY0314SBSD01

Tgt Ion:105 Resp: 165164

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 18.685 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

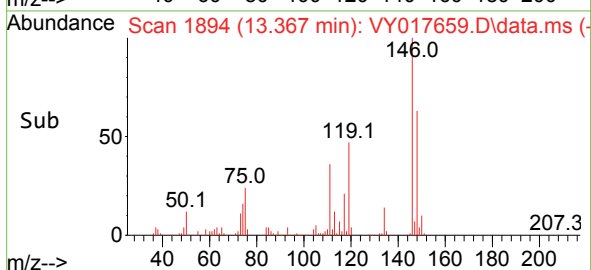
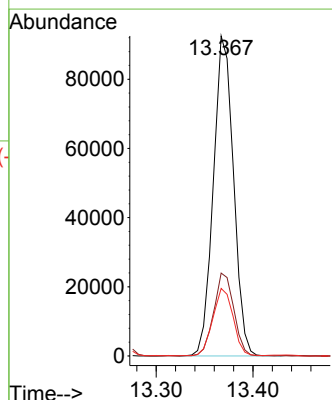
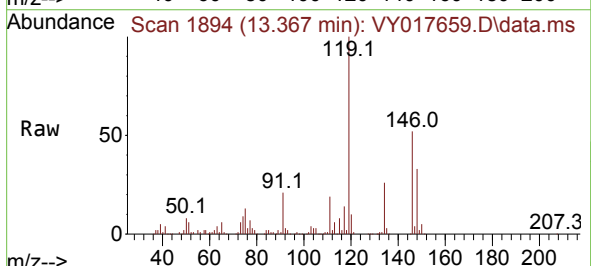
Tgt Ion:119 Resp: 133887

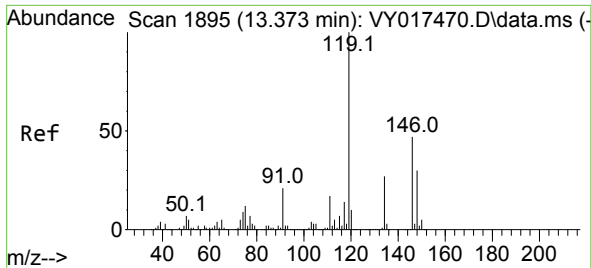
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

91 21.0 10.7 32.1

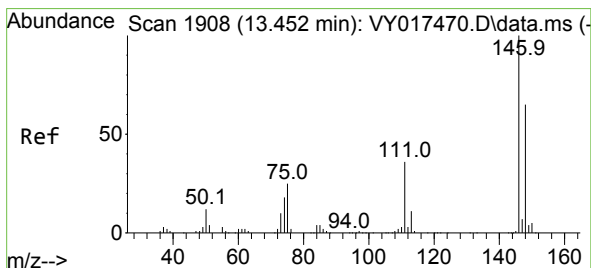
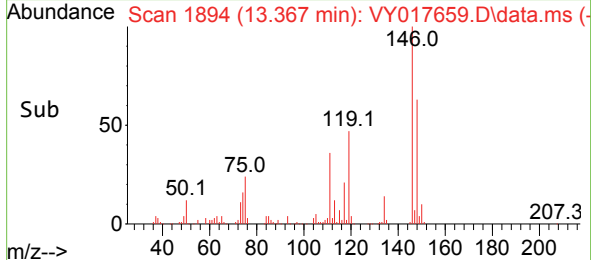
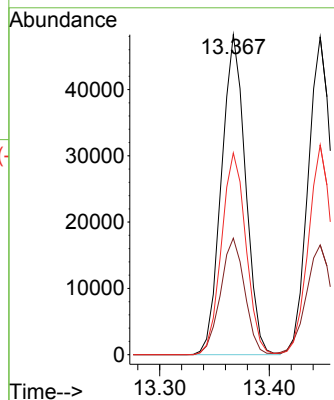
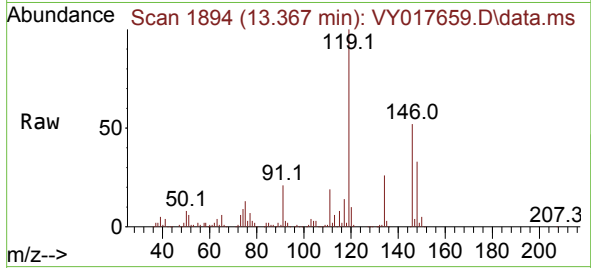




#87
1,3-Dichlorobenzene
Concen: 18.600 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

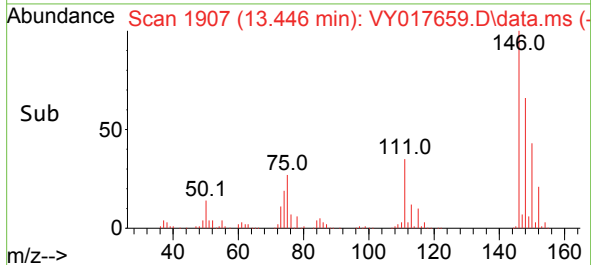
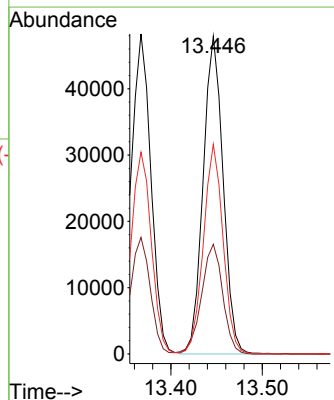
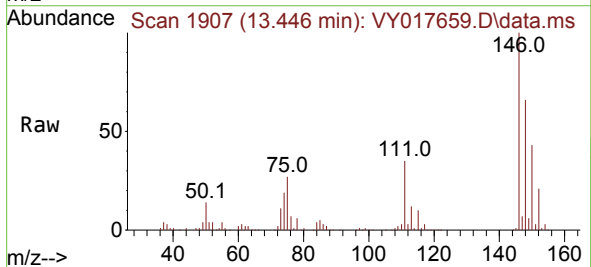
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

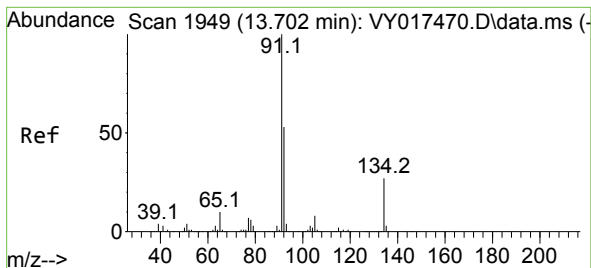
Tgt Ion:146 Resp: 73578
Ion Ratio Lower Upper
146 100
111 36.6 19.0 57.0
148 64.0 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 18.948 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY017659.D
Acq: 14 Mar 2024 12:10

Tgt Ion:146 Resp: 72870
Ion Ratio Lower Upper
146 100
111 36.7 18.4 55.4
148 65.0 32.4 97.2





#89

n-Butylbenzene

Concen: 18.879 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

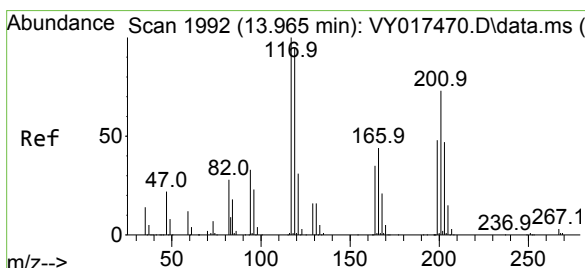
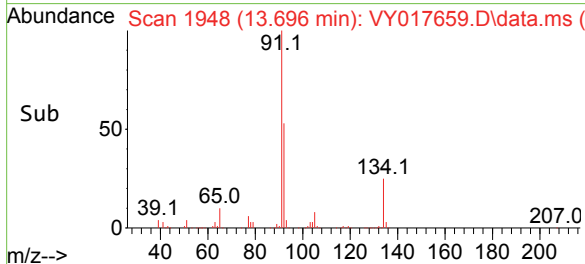
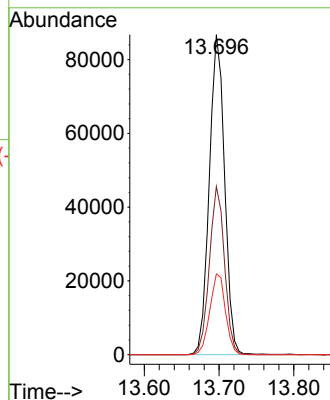
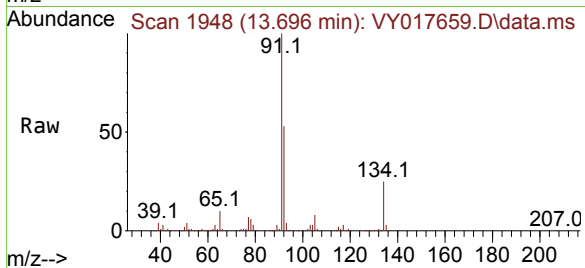
Tgt Ion: 91 Resp: 123421

Ion Ratio Lower Upper

91 100

92 51.9 26.6 79.7

134 25.8 12.9 38.7



#90

Hexachloroethane

Concen: 19.254 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY017659.D

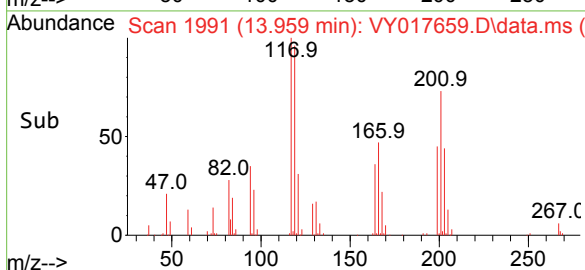
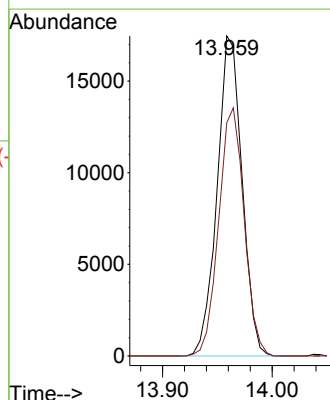
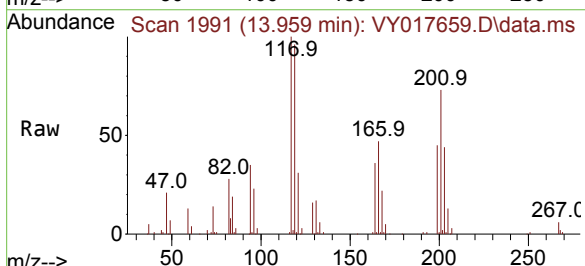
Acq: 14 Mar 2024 12:10

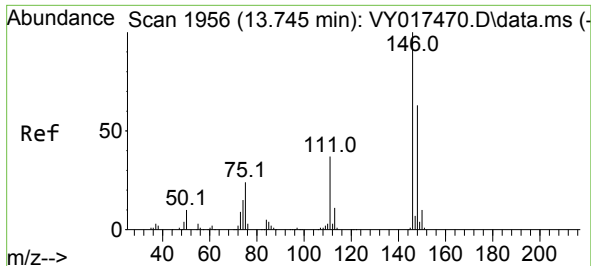
Tgt Ion: 117 Resp: 27659

Ion Ratio Lower Upper

117 100

201 79.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.105 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

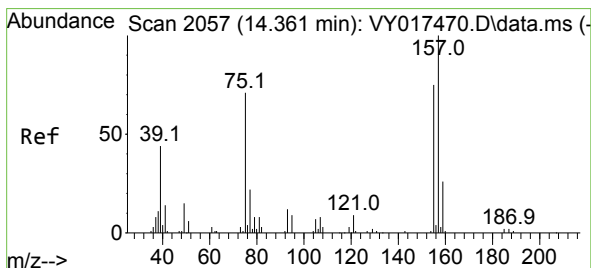
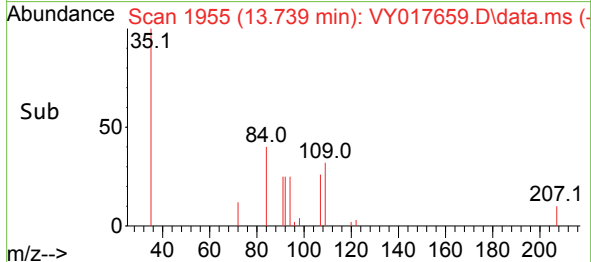
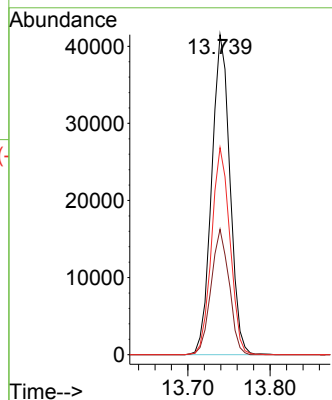
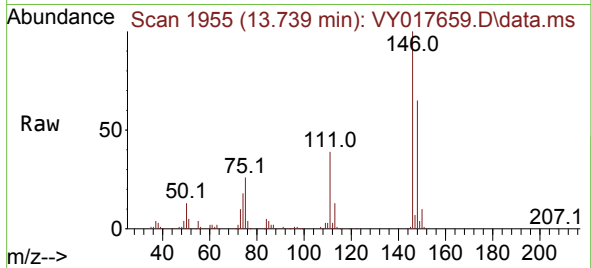
Tgt Ion:146 Resp: 63925

Ion Ratio Lower Upper

146 100

111 38.6 19.9 59.7

148 65.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.951 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

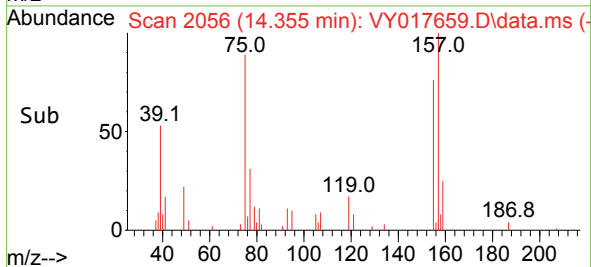
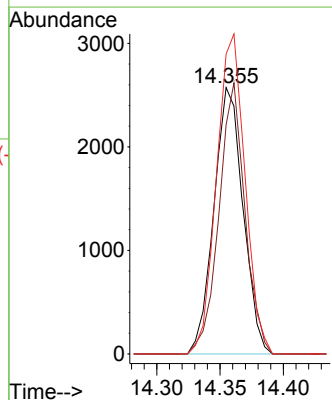
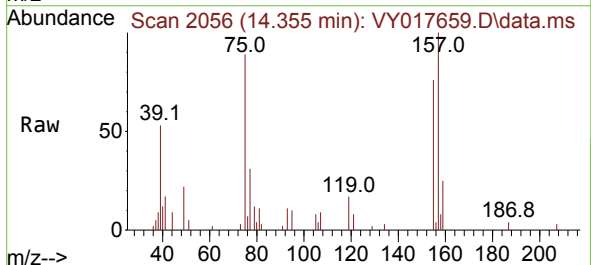
Tgt Ion: 75 Resp: 4116

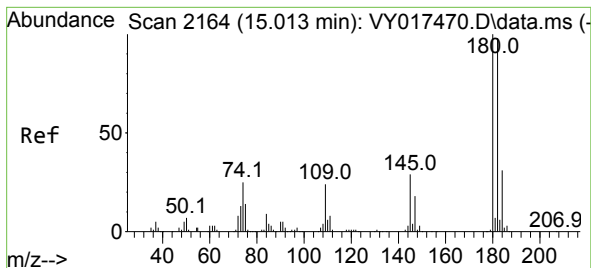
Ion Ratio Lower Upper

75 100

155 90.8 48.6 145.8

157 117.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.330 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

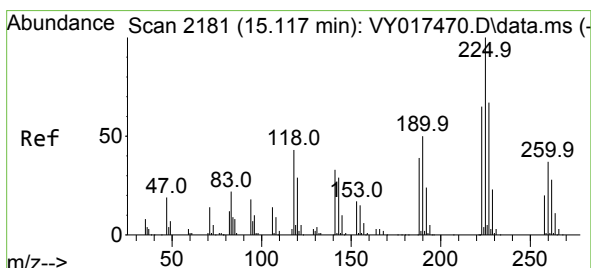
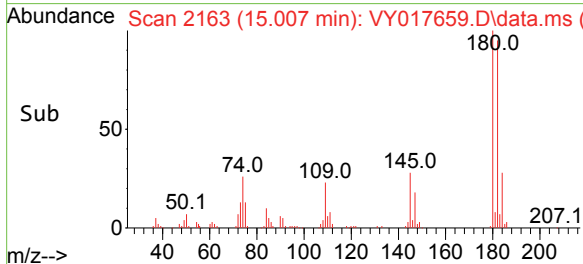
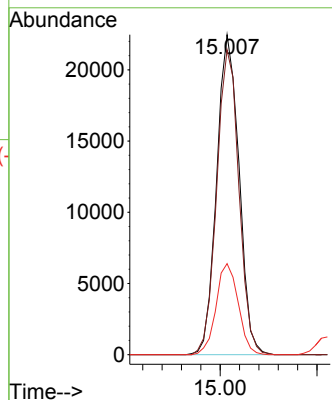
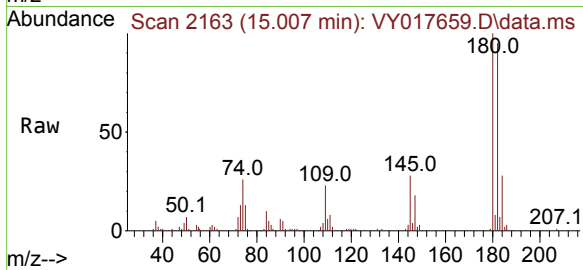
Tgt Ion:180 Resp: 35930

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.8

145 28.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.260 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

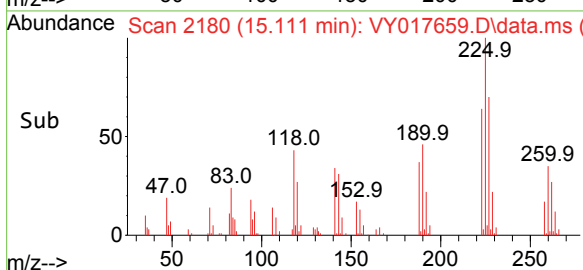
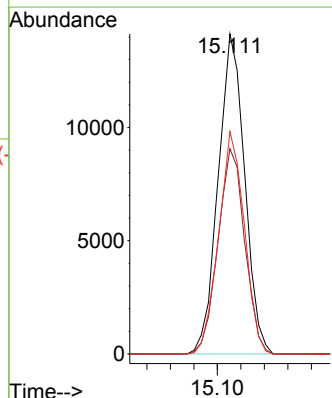
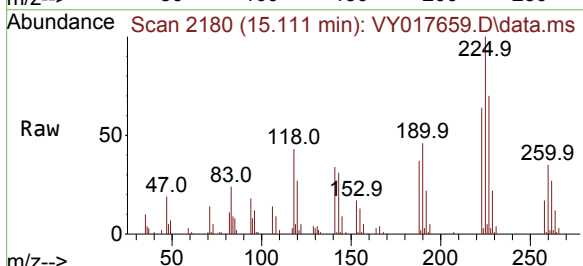
Tgt Ion:225 Resp: 22107

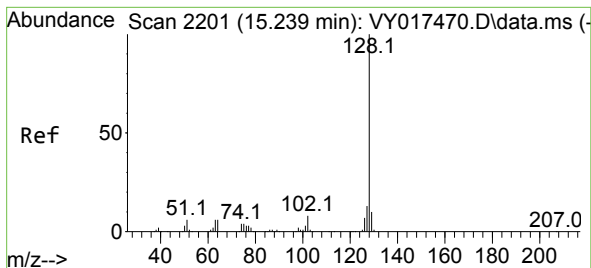
Ion Ratio Lower Upper

225 100

223 65.0 30.4 91.2

227 67.5 31.9 95.9





#95

Naphthalene

Concen: 19.548 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017659.D

Acq: 14 Mar 2024 12:10

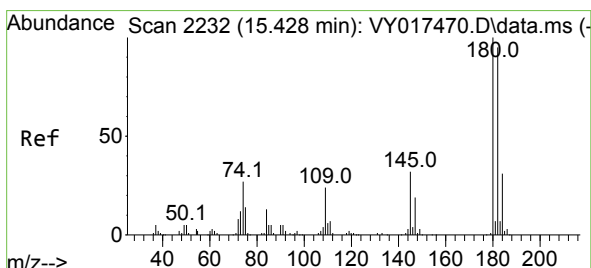
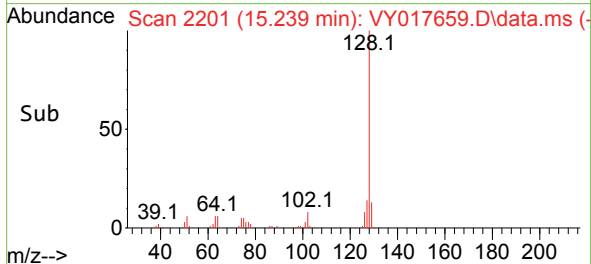
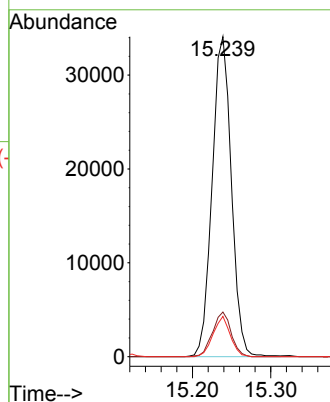
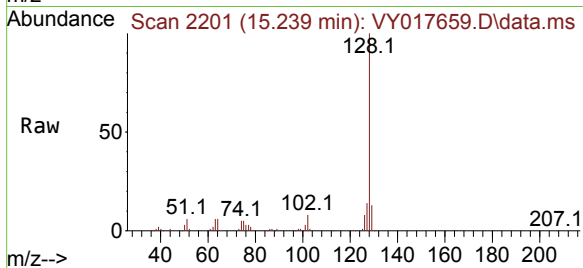
Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

Tgt Ion:	128	Resp:	58084
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	11.3	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.356 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017659.D

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Tgt Ion:	180	Resp:	30863
Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.6	142.9
145	30.3	15.4	46.1

