

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017529.D
 Acq On : 29 Feb 2024 15:40
 Operator : SY/MD
 Sample : VY0229SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0229SBS01

Quant Time: Mar 01 00:30:20 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	7.795	168	140902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	212960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	182056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	83197	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	56593	42.380	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.760%
35) Dibromofluoromethane	7.722	113	69822	47.051	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.100%
50) Toluene-d8	10.185	98	262273	50.549	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.100%
62) 4-Bromofluorobenzene	12.483	95	76917	47.171	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.340%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	23609	22.715	ug/l	98
3) Chloromethane	2.113	50	38404	20.222	ug/l	97
4) Vinyl Chloride	2.253	62	51239	21.031	ug/l	97
5) Bromomethane	2.650	94	43395	21.857	ug/l	100
6) Chloroethane	2.796	64	32102	20.887	ug/l	94
7) Trichlorofluoromethane	3.125	101	56032	22.566	ug/l	100
8) Diethyl Ether	3.534	74	13813	18.967	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.900	101	33241	23.274	ug/l	99
10) Methyl Iodide	4.095	142	29516	18.414	ug/l	100
11) Tert butyl alcohol	4.948	59	10021	88.344	ug/l	99
12) 1,1-Dichloroethene	3.875	96	30385	22.828	ug/l	97
13) Acrolein	3.729	56	15305	102.259	ug/l	96
14) Allyl chloride	4.479	41	33179	20.630	ug/l	97
15) Acrylonitrile	5.161	53	26567	88.739	ug/l	99
16) Acetone	3.948	43	17299	66.789	ug/l	98
17) Carbon Disulfide	4.198	76	84067	21.042	ug/l	100
18) Methyl Acetate	4.479	43	10131	16.123	ug/l	99
19) Methyl tert-butyl Ether	5.229	73	57074	18.397	ug/l	99
20) Methylene Chloride	4.723	84	54240	33.877	ug/l	97
21) trans-1,2-Dichloroethene	5.229	96	33734	21.646	ug/l	90
22) Diisopropyl ether	6.125	45	77970	21.009	ug/l	97
23) Vinyl Acetate	6.064	43	211098	95.454	ug/l	100
24) 1,1-Dichloroethane	6.021	63	55405	21.852	ug/l	99
25) 2-Butanone	6.997	43	28457	77.094	ug/l	95
26) 2,2-Dichloropropane	6.984	77	47297	22.187	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	36904	21.090	ug/l	100
28) Bromochloromethane	7.338	49	21605	21.636	ug/l	98
29) Tetrahydrofuran	7.356	42	19351	86.968	ug/l	99
30) Chloroform	7.509	83	58926	21.829	ug/l	100
31) Cyclohexane	7.795	56	46953	21.606	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	51895	22.143	ug/l	99
36) 1,1-Dichloropropene	7.923	75	45337	22.644	ug/l	99
37) Ethyl Acetate	7.076	43	13589	17.184	ug/l #	93
38) Carbon Tetrachloride	7.905	117	46618	23.232	ug/l	98
39) Methylcyclohexane	9.185	83	54224	22.535	ug/l	98
40) Benzene	8.167	78	133835	22.508	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	7408	18.668	ug/l #	73
42) 1,2-Dichloroethane	8.240	62	29469	20.313	ug/l	99
43) Isopropyl Acetate	8.277	43	25949	18.673	ug/l #	86
44) Trichloroethene	8.947	130	38102	22.232	ug/l	96
45) 1,2-Dichloropropane	9.222	63	31035	21.938	ug/l	98
46) Dibromomethane	9.307	93	16451	20.320	ug/l	98
47) Bromodichloromethane	9.496	83	43112	21.931	ug/l	98
48) Methyl methacrylate	9.295	41	12190	18.951	ug/l	98
49) 1,4-Dioxane	9.301	88	2944	321.313	ug/l #	93
51) 4-Methyl-2-Pentanone	10.075	43	65489	84.558	ug/l	100
52) Toluene	10.246	92	83516	22.280	ug/l	100
53) t-1,3-Dichloropropene	10.472	75	36857	20.200	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	43672	19.698	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	23224	20.204	ug/l	92
56) Ethyl methacrylate	10.514	69	23475	18.295	ug/l	97
57) 1,3-Dichloropropane	10.795	76	37294	19.955	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	1134	1.710	ug/l	93
59) 2-Hexanone	10.837	43	43454	81.684	ug/l	98
60) Dibromochloromethane	10.990	129	28128	20.685	ug/l	98
61) 1,2-Dibromoethane	11.093	107	21126	19.943	ug/l	97
64) Tetrachloroethene	10.721	164	37285	21.337	ug/l	98
65) Chlorobenzene	11.520	112	88082	22.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	32079	22.159	ug/l	98
67) Ethyl Benzene	11.599	91	153813	22.696	ug/l	98
68) m/p-Xylenes	11.709	106	122133	45.864	ug/l	99
69) o-Xylene	12.032	106	54801	22.182	ug/l	98
70) Styrene	12.050	104	90511	22.072	ug/l	98
71) Bromoform	12.209	173	15998	19.942	ug/l #	96
73) Isopropylbenzene	12.337	105	146902	23.767	ug/l	100
74) N-amyl acetate	12.148	43	21047	19.306	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	22343	21.050	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	28498	36.051	ug/l #	100
77) Bromobenzene	12.611	156	33760	22.554	ug/l	93
78) n-propylbenzene	12.678	91	182018	24.542	ug/l	100
79) 2-Chlorotoluene	12.764	91	96119	23.148	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	116538	23.534	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	6597	19.176	ug/l	96
82) 4-Chlorotoluene	12.861	91	98282	23.141	ug/l	97
83) tert-Butylbenzene	13.081	119	104138	23.948	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	113365	23.189	ug/l	100
85) sec-Butylbenzene	13.258	105	161978	24.364	ug/l	99
86) p-Isopropyltoluene	13.373	119	129033	23.709	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	67500	22.466	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	65903	22.562	ug/l	99
89) n-Butylbenzene	13.703	91	117038	23.571	ug/l	100
90) Hexachloroethane	13.965	117	25771	23.620	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	56240	22.130	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2621	17.565	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	28072	20.912	ug/l	99
94) Hexachlorobutadiene	15.117	225	19395	23.402	ug/l	97
95) Naphthalene	15.245	128	40260	18.181	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	23264	20.202	ug/l	99

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

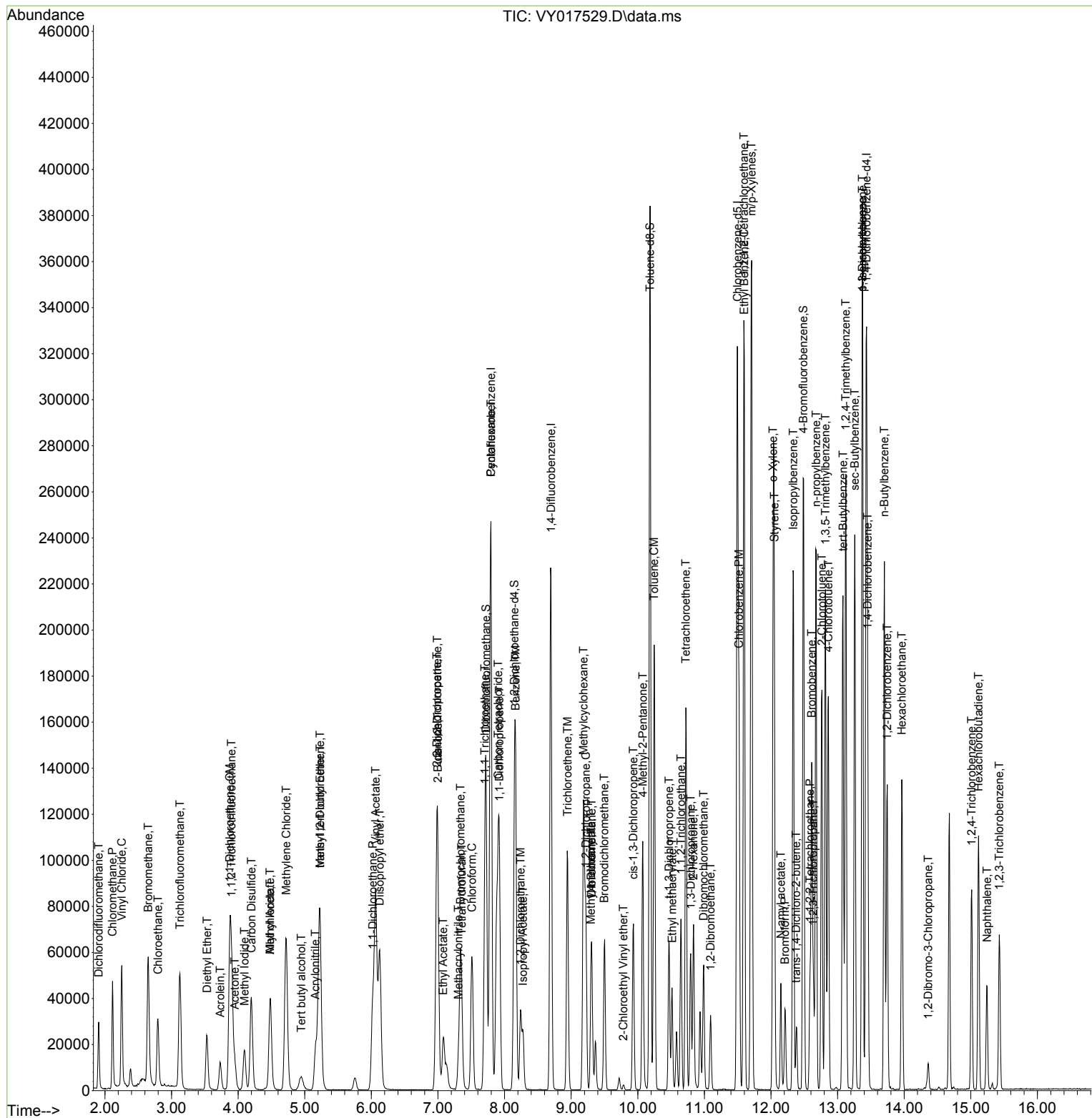
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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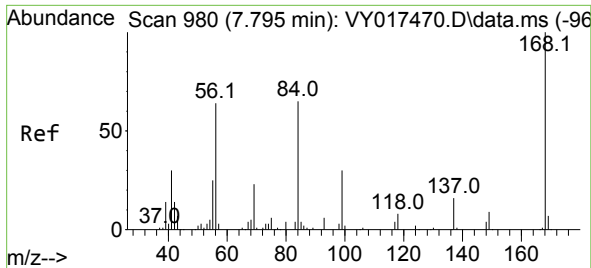
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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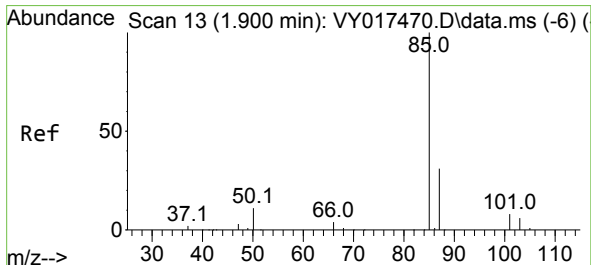
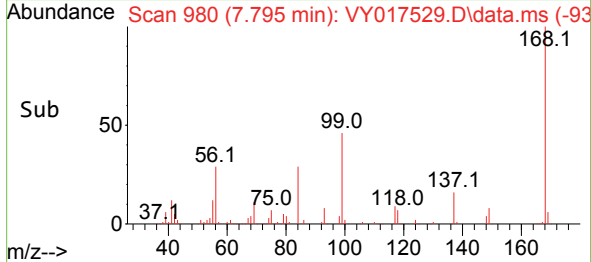
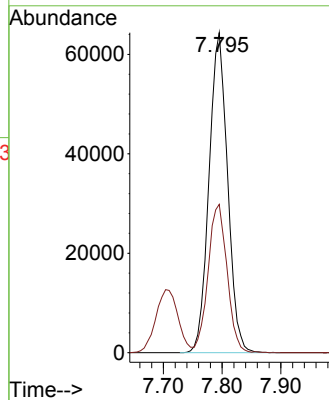
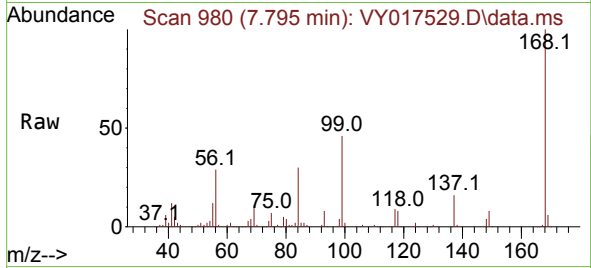




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
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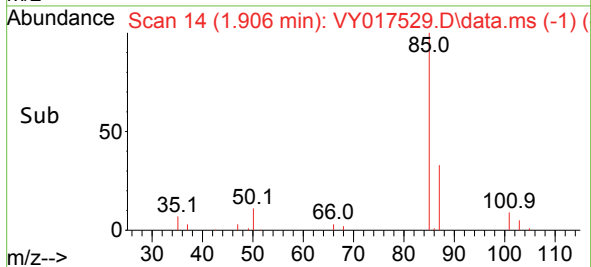
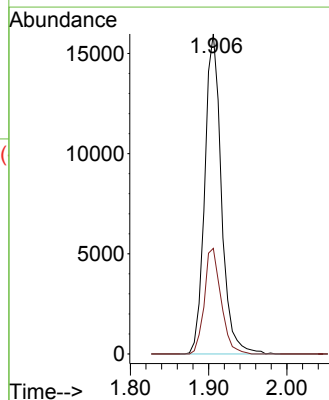
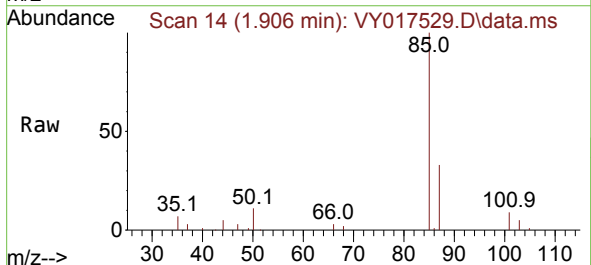
Instrument :
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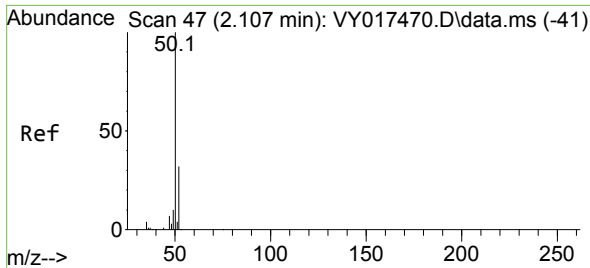
Tgt Ion:168 Resp: 140902
Ion Ratio Lower Upper
168 100
99 46.4 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 22.715 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion: 85 Resp: 23609
Ion Ratio Lower Upper
85 100
87 33.0 16.0 48.0

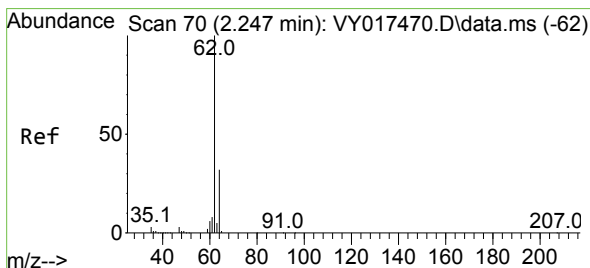
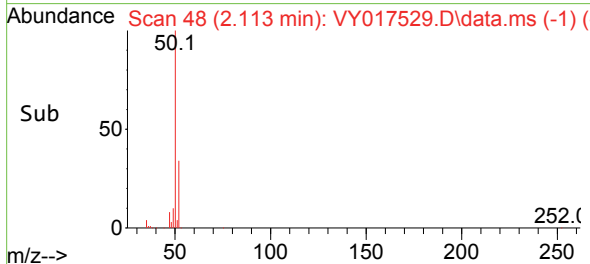
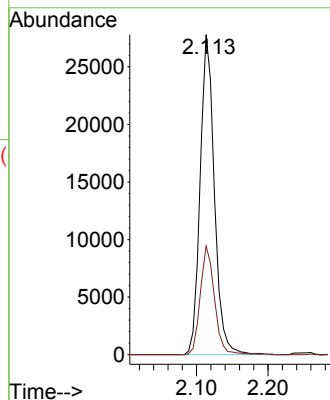
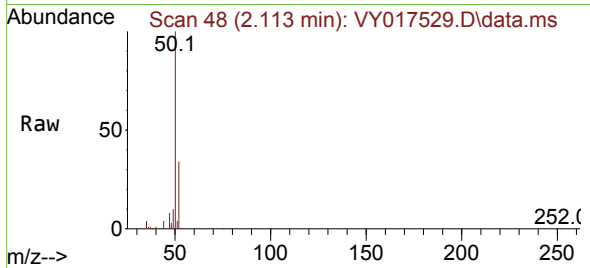




#3
Chloromethane
Concen: 20.222 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

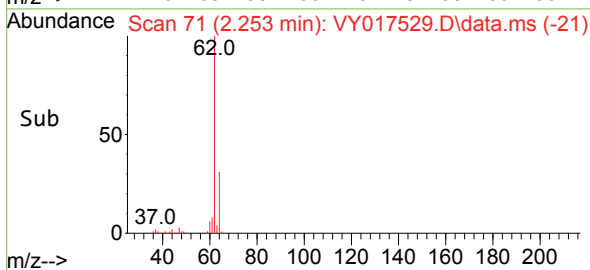
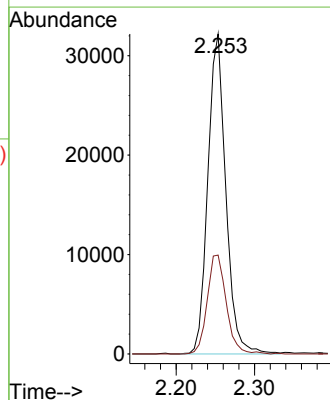
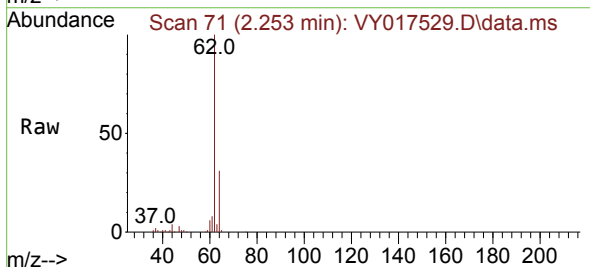
Instrument :
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ClientSampleId :
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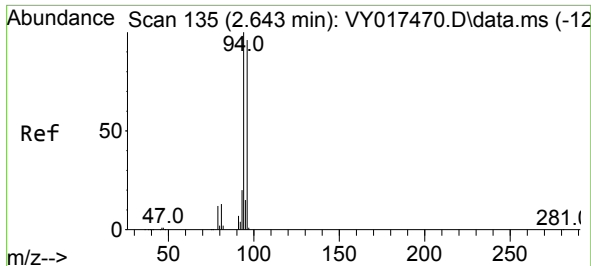
Tgt Ion: 50 Resp: 38404
Ion Ratio Lower Upper
50 100
52 33.9 25.6 38.4



#4
Vinyl Chloride
Concen: 21.031 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion: 62 Resp: 51239
Ion Ratio Lower Upper
62 100
64 30.9 26.1 39.1

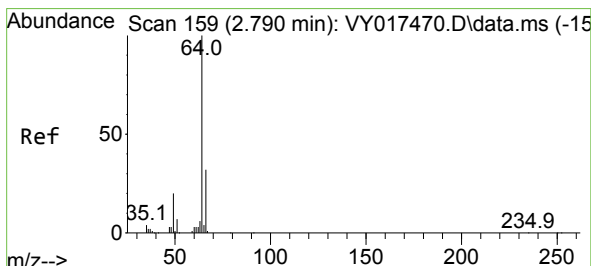
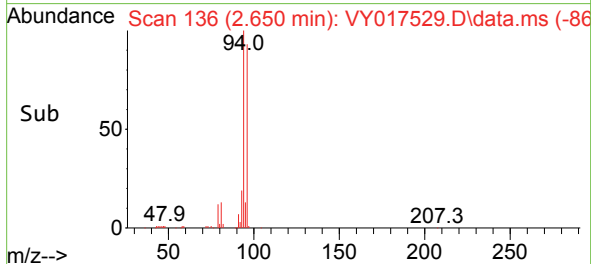
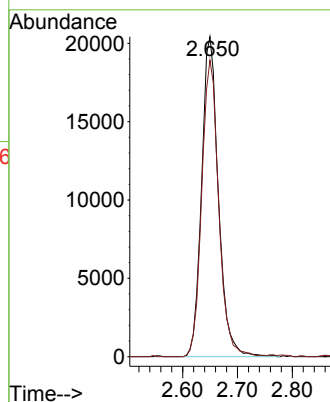
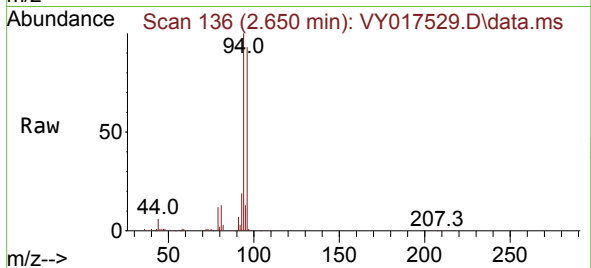




#5
Bromomethane
Concen: 21.857 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017529.D
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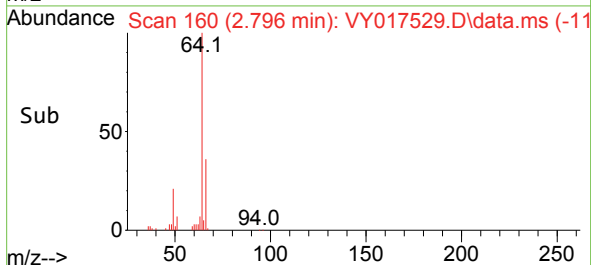
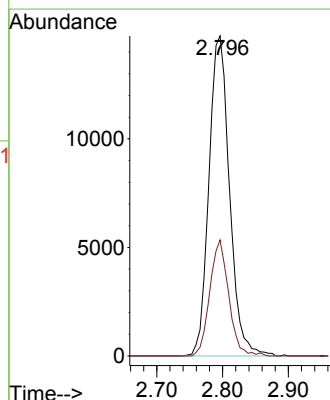
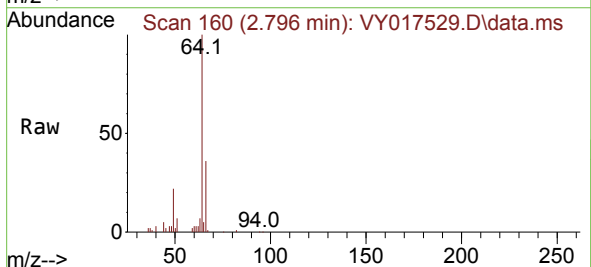
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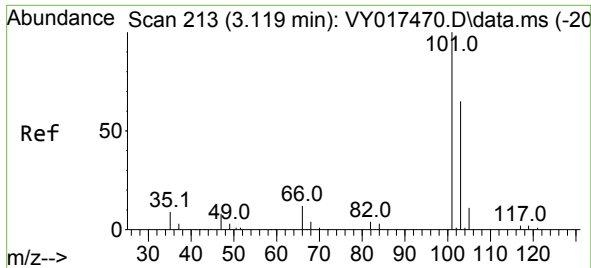
Tgt Ion: 94 Resp: 43395
Ion Ratio Lower Upper
94 100
96 92.7 74.1 111.1



#6
Chloroethane
Concen: 20.887 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion: 64 Resp: 32102
Ion Ratio Lower Upper
64 100
66 36.2 26.1 39.1

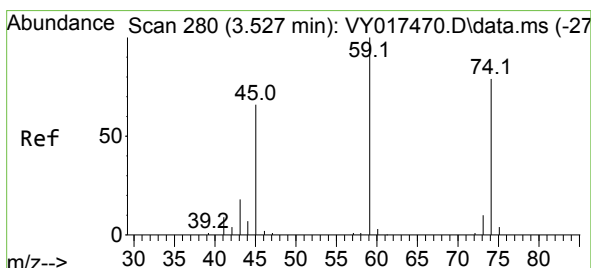
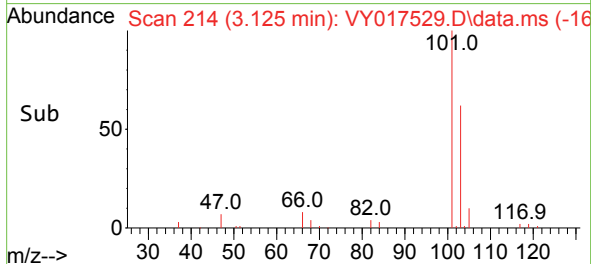
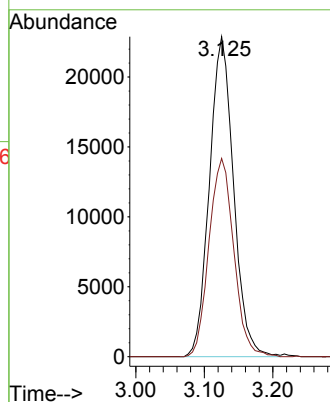
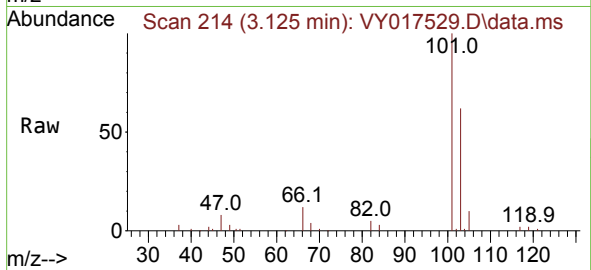




#7
 Trichlorofluoromethane
 Concen: 22.566 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY017529.D
 Acq: 29 Feb 2024 15:40

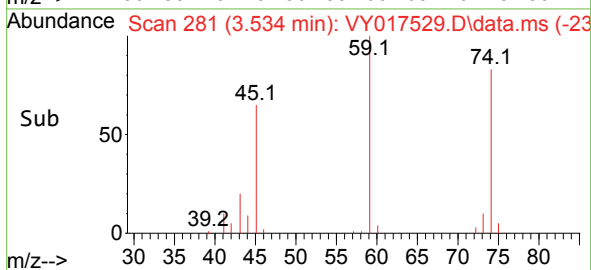
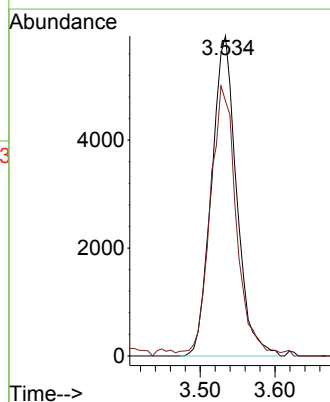
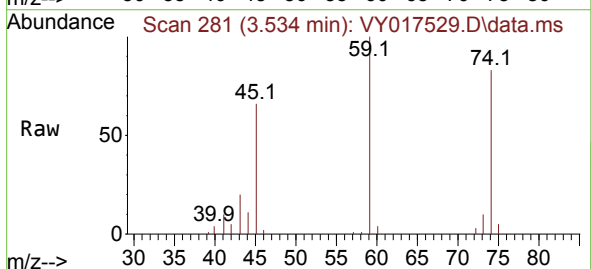
Instrument :
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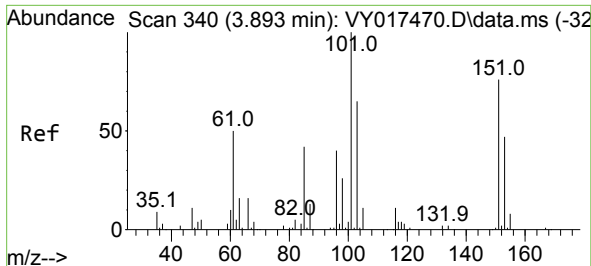
Tgt Ion:101 Resp: 56032
 Ion Ratio Lower Upper
 101 100
 103 61.9 49.3 73.9



#8
 Diethyl Ether
 Concen: 18.967 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 13813
 Ion Ratio Lower Upper
 74 100
 45 88.9 41.3 124.1

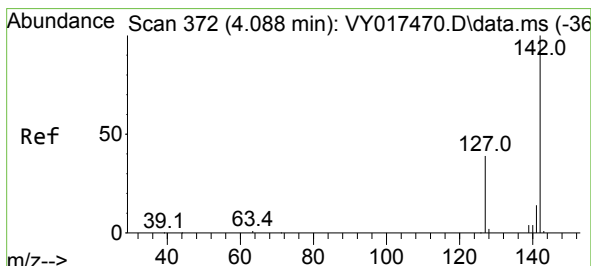
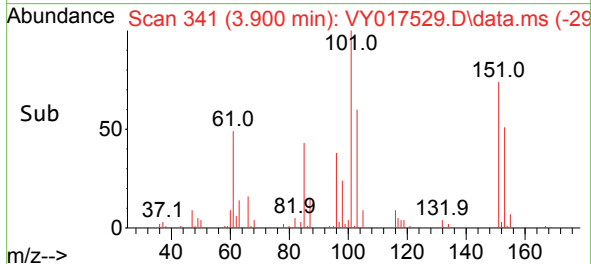
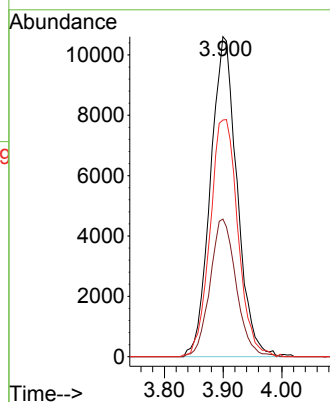
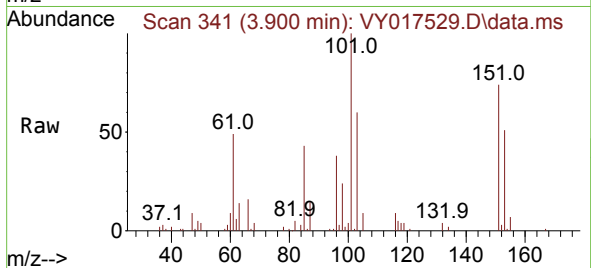




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.274 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

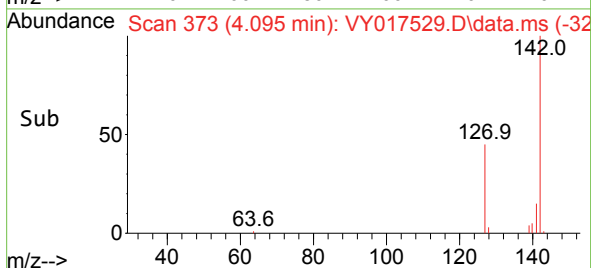
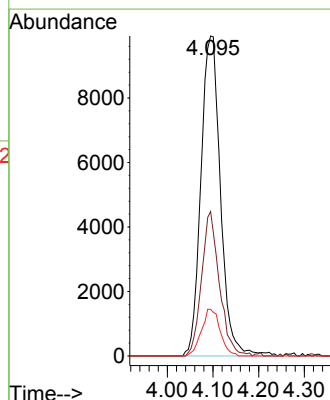
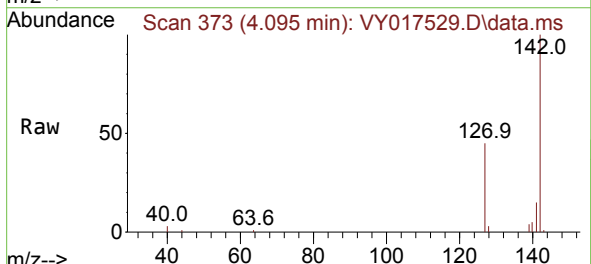
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

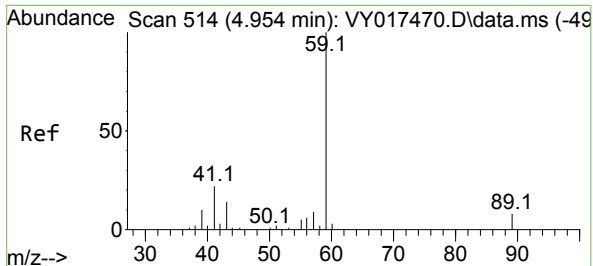
Tgt Ion:101 Resp: 33241
Ion Ratio Lower Upper
101 100
85 42.4 34.5 51.7
151 77.7 61.7 92.5



#10
Methyl Iodide
Concen: 18.414 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion:142 Resp: 29516
Ion Ratio Lower Upper
142 100
127 41.1 32.8 49.2
141 13.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 88.344 ug/l

RT: 4.948 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

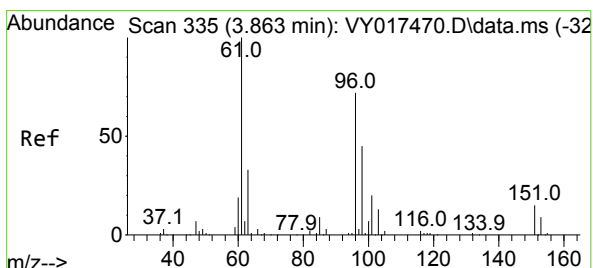
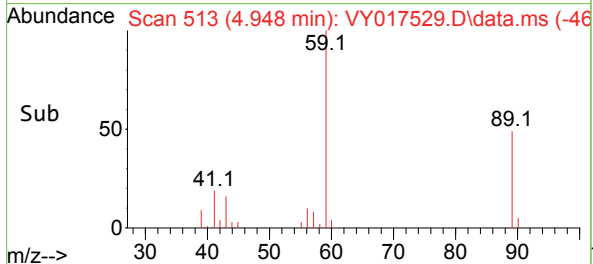
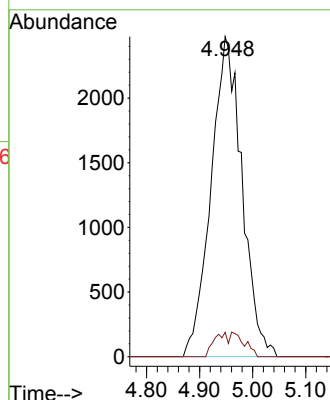
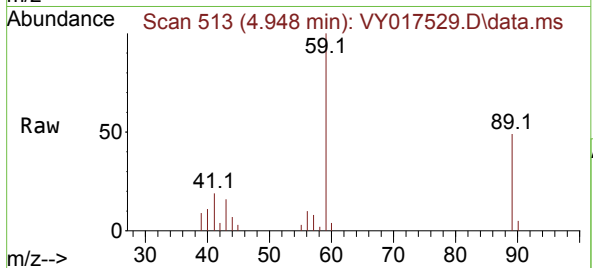
VY0229SBS01

Tgt Ion: 59 Resp: 10021

Ion Ratio Lower Upper

59 100

57 3.4 3.0 4.6



#12

1,1-Dichloroethene

Concen: 22.828 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.012 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

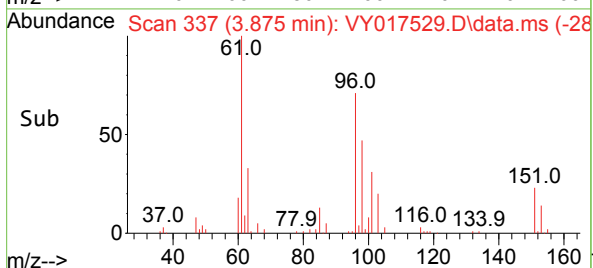
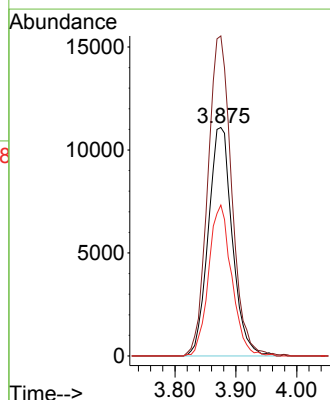
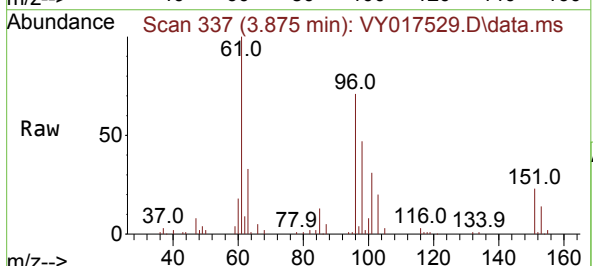
Tgt Ion: 96 Resp: 30385

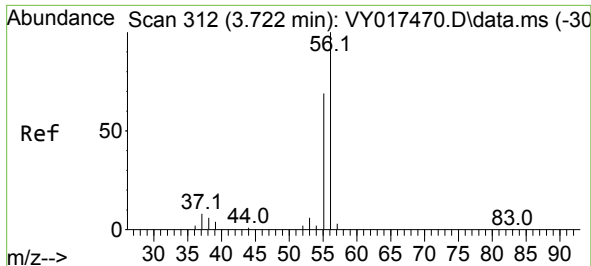
Ion Ratio Lower Upper

96 100

61 140.1 114.6 171.8

98 66.0 50.8 76.2

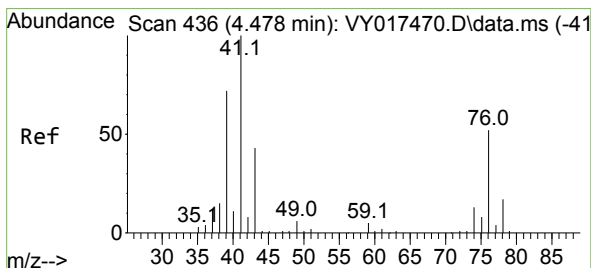
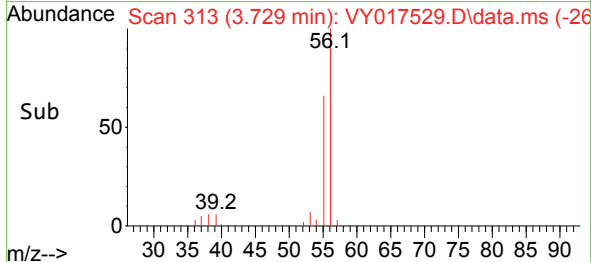
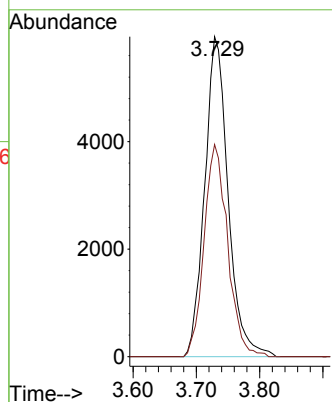
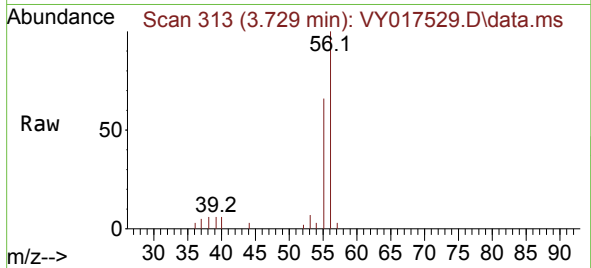




#13
Acrolein
Concen: 102.259 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

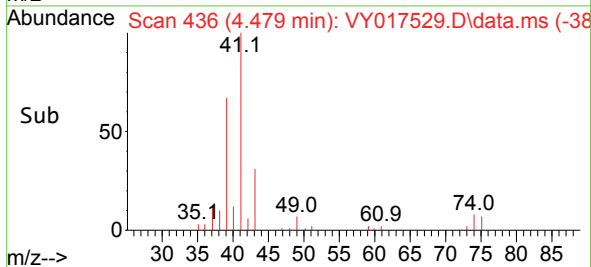
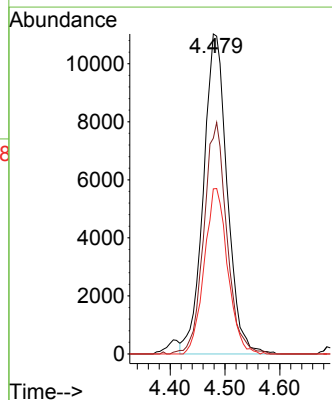
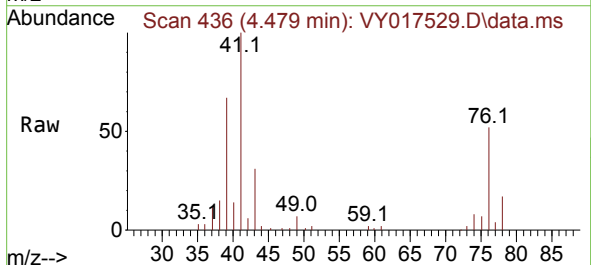
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

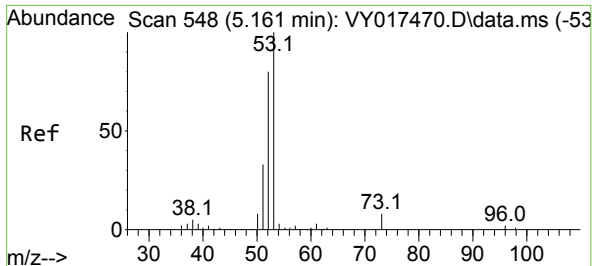
Tgt Ion: 56 Resp: 15305
Ion Ratio Lower Upper
56 100
55 66.7 55.7 83.5



#14
Allyl chloride
Concen: 20.630 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion: 41 Resp: 33179
Ion Ratio Lower Upper
41 100
39 70.0 58.3 87.5
76 50.8 39.0 58.6





#15

Acrylonitrile

Concen: 88.739 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

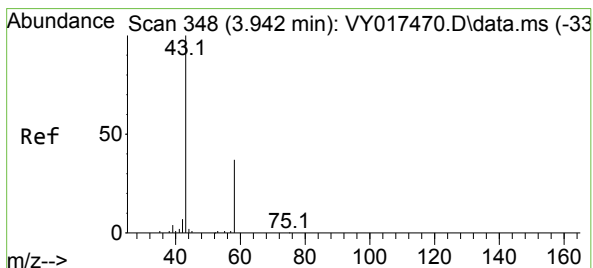
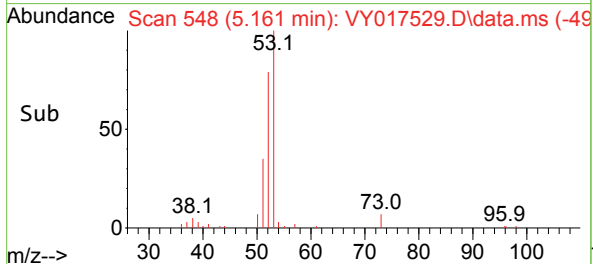
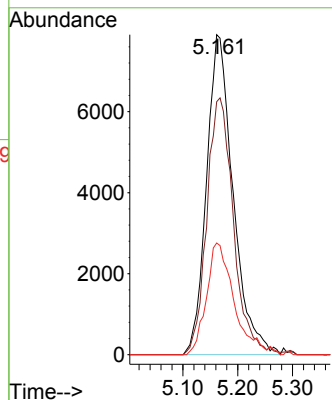
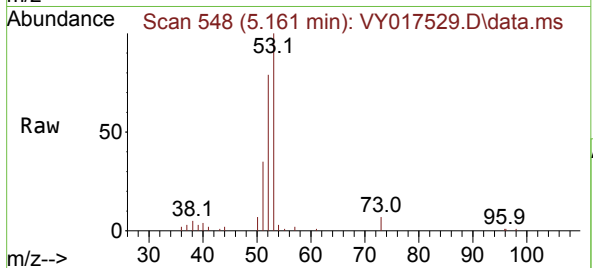
Tgt Ion: 53 Resp: 26567

Ion Ratio Lower Upper

53 100

52 80.4 64.7 97.1

51 35.9 28.4 42.6



#16

Acetone

Concen: 66.789 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY017529.D

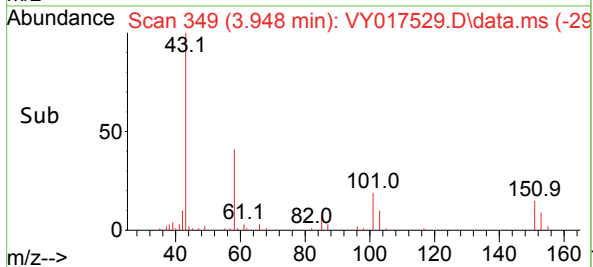
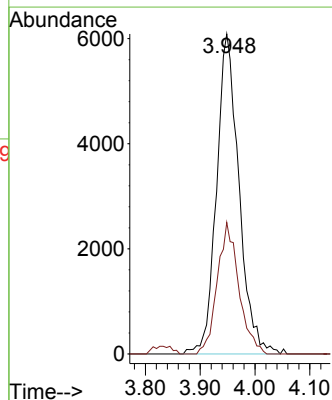
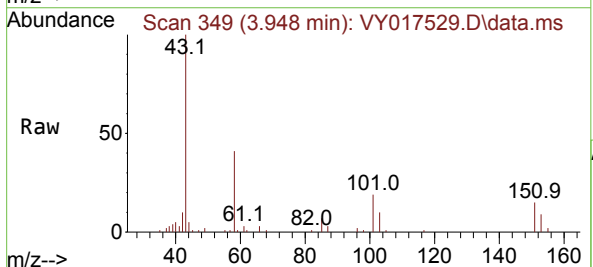
Acq: 29 Feb 2024 15:40

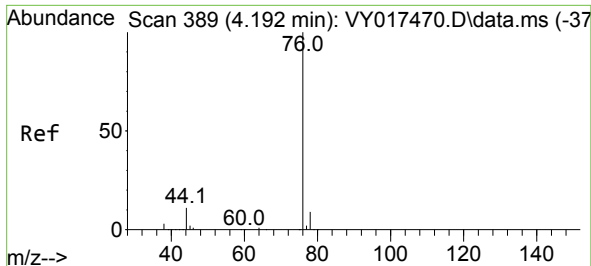
Tgt Ion: 43 Resp: 17299

Ion Ratio Lower Upper

43 100

58 41.1 31.7 47.5





#17

Carbon Disulfide

Concen: 21.042 ug/l

RT: 4.198 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

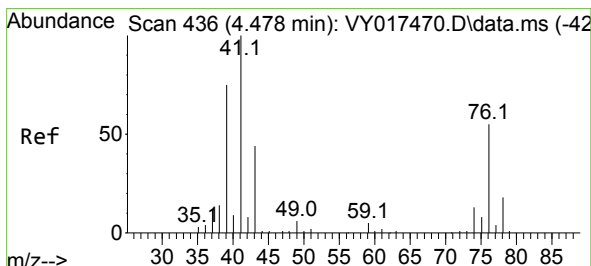
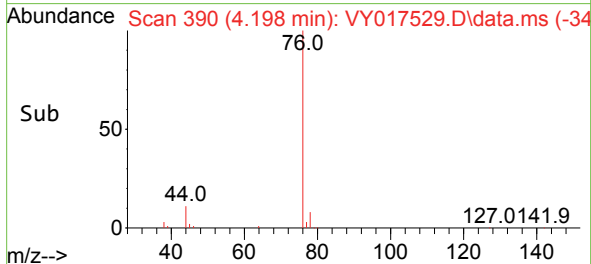
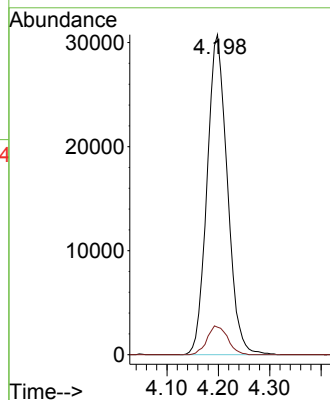
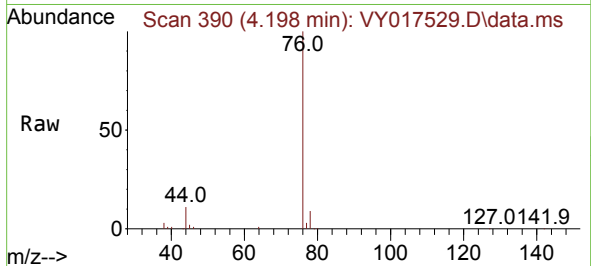
VY0229SBS01

Tgt Ion: 76 Resp: 84067

Ion Ratio Lower Upper

76 100

78 8.6 6.8 10.2



#18

Methyl Acetate

Concen: 16.123 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017529.D

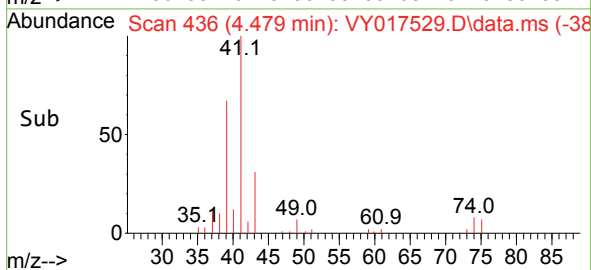
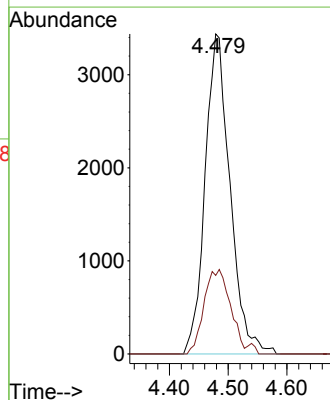
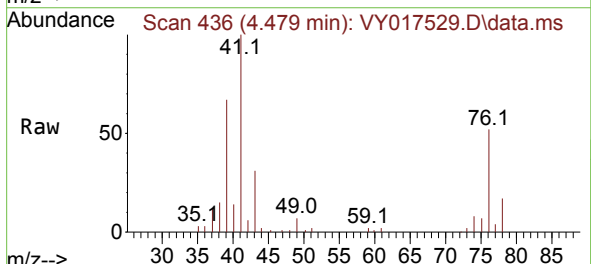
Acq: 29 Feb 2024 15:40

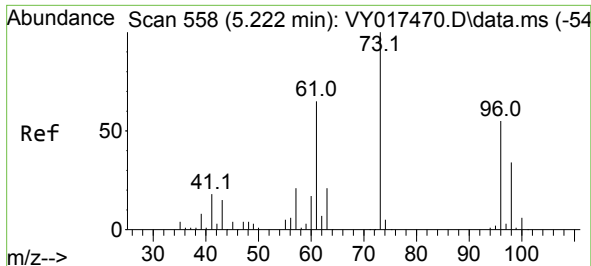
Tgt Ion: 43 Resp: 10131

Ion Ratio Lower Upper

43 100

74 28.8 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 18.397 ug/l

RT: 5.229 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

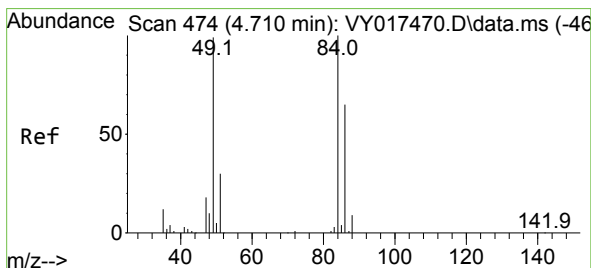
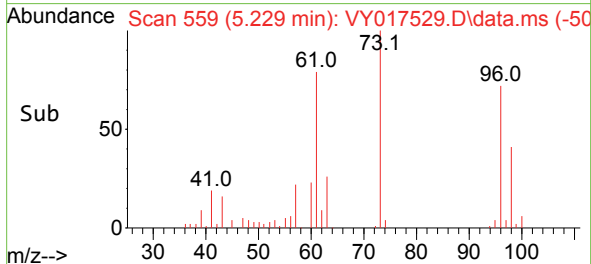
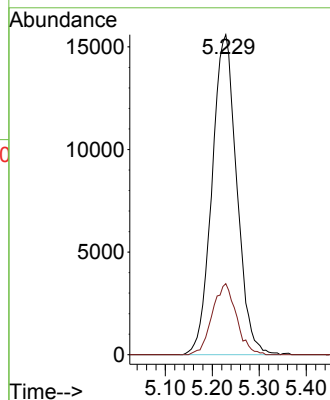
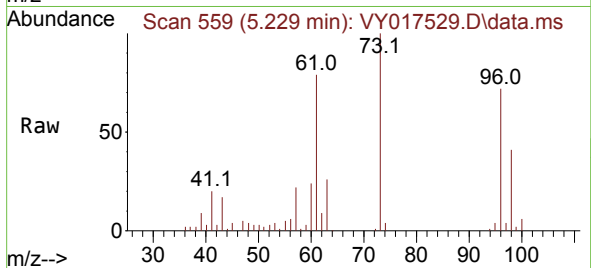
VY0229SBS01

Tgt Ion: 73 Resp: 57074

Ion Ratio Lower Upper

73 100

57 22.2 17.3 25.9



#20

Methylene Chloride

Concen: 33.877 ug/l

RT: 4.723 min Scan# 476

Delta R.T. 0.013 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Tgt Ion: 84 Resp: 54240

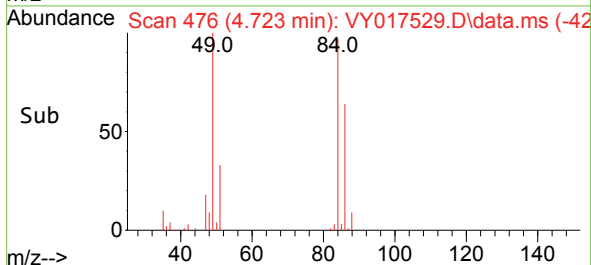
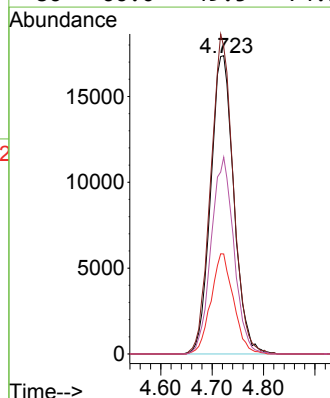
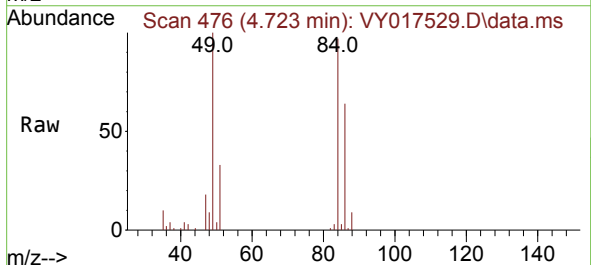
Ion Ratio Lower Upper

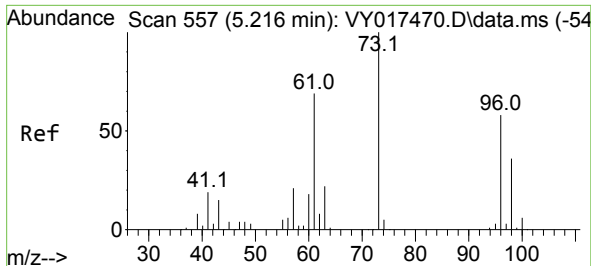
84 100

49 103.0 84.4 126.6

51 33.5 26.0 39.0

86 66.0 49.5 74.3

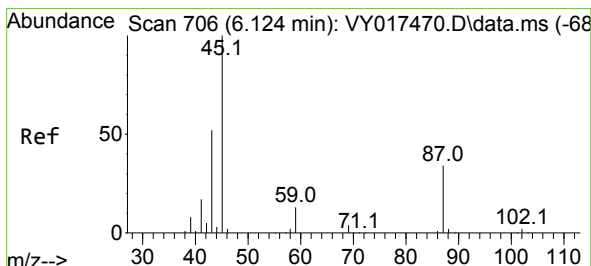
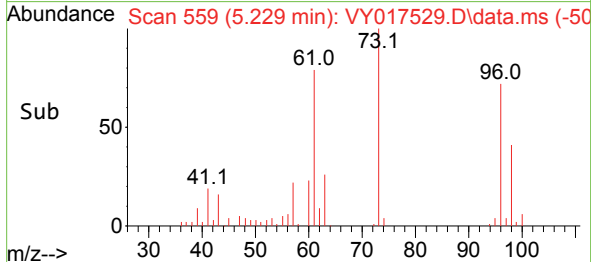
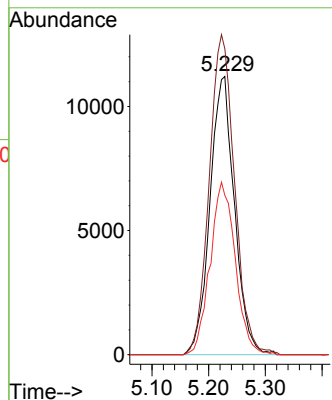
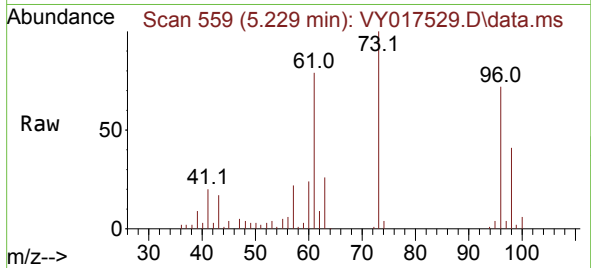




#21
trans-1,2-Dichloroethene
Concen: 21.646 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

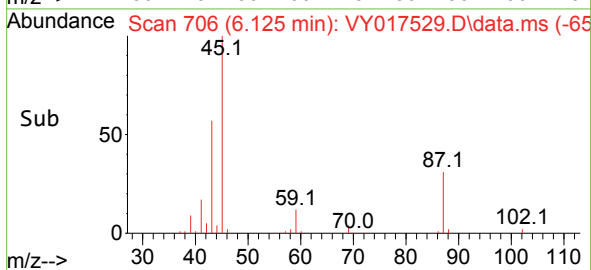
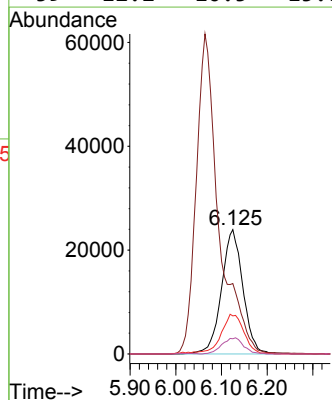
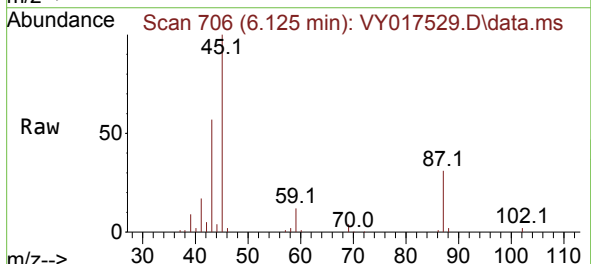
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

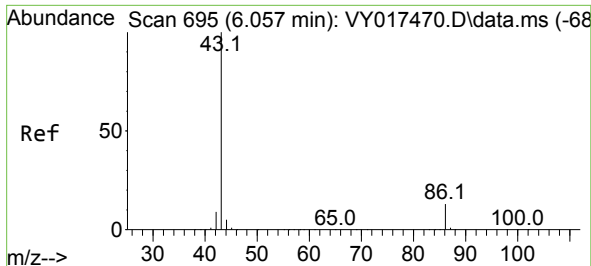
Tgt Ion: 96 Resp: 33734
Ion Ratio Lower Upper
96 100
61 110.0 97.5 146.3
98 57.3 50.5 75.7



#22
Diisopropyl ether
Concen: 21.009 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion: 45 Resp: 77970
Ion Ratio Lower Upper
45 100
43 55.8 42.2 63.2
87 30.6 25.0 37.6
59 12.2 10.5 15.7

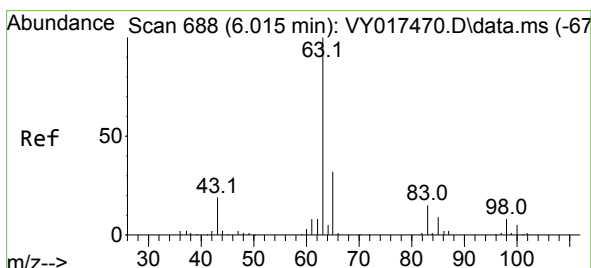
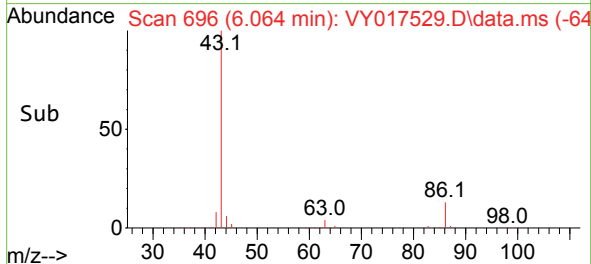
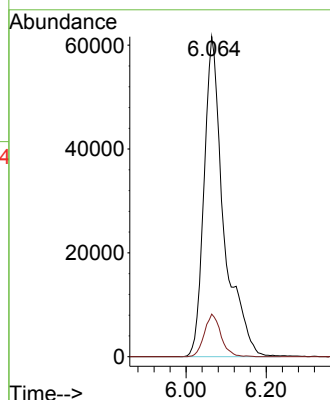
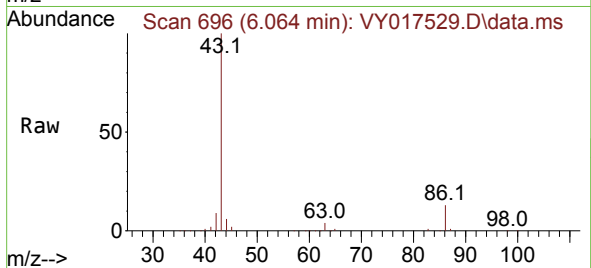




#23
 Vinyl Acetate
 Concen: 95.454 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY017529.D
 Acq: 29 Feb 2024 15:40

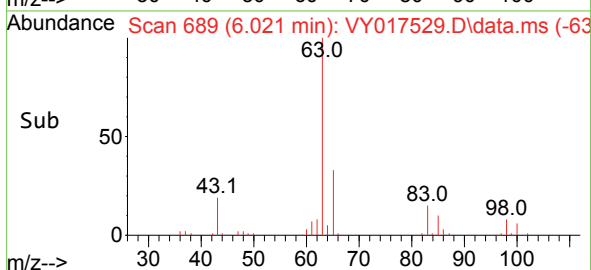
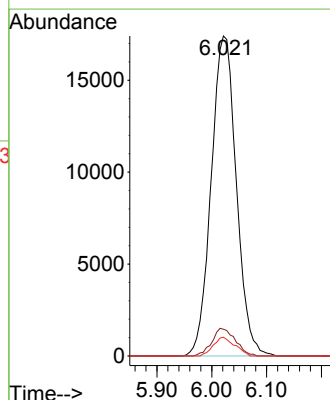
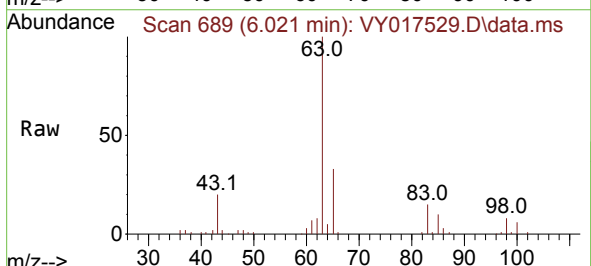
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0229SBS01

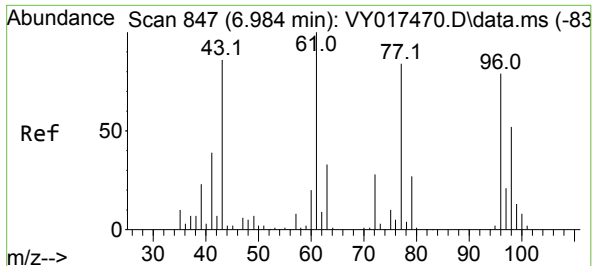
Tgt Ion: 43 Resp: 211098
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 21.852 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY017529.D
 Acq: 29 Feb 2024 15:40

Tgt Ion: 63 Resp: 55405
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 12.2
 100 5.8 2.6 8.0





#25

2-Butanone

Concen: 77.094 ug/l

RT: 6.997 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

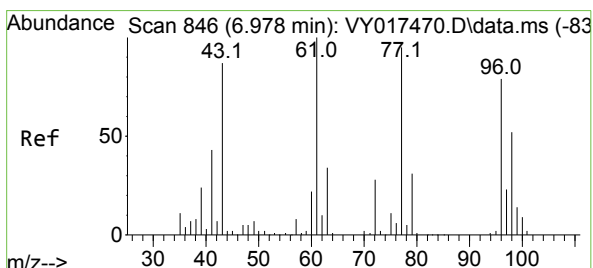
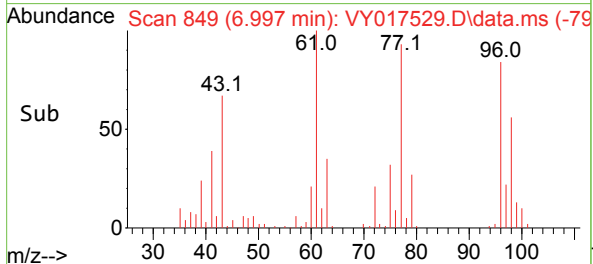
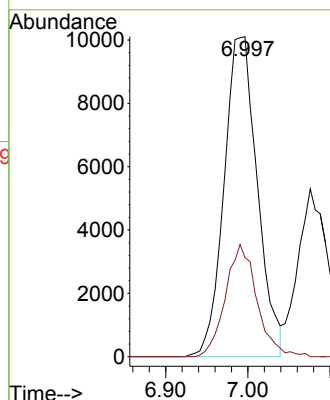
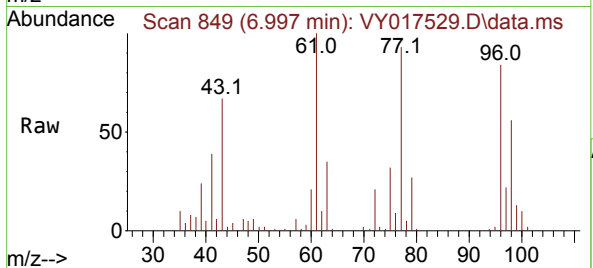
VY0229SBS01

Tgt Ion: 43 Resp: 28457

Ion Ratio Lower Upper

43 100

72 31.0 27.3 40.9



#26

2,2-Dichloropropane

Concen: 22.187 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017529.D

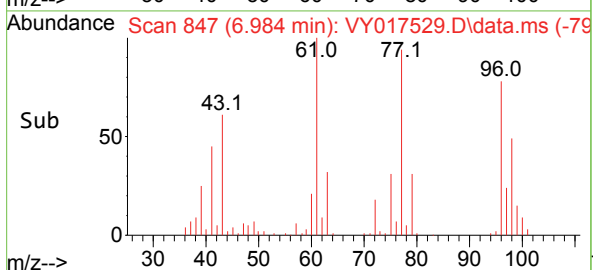
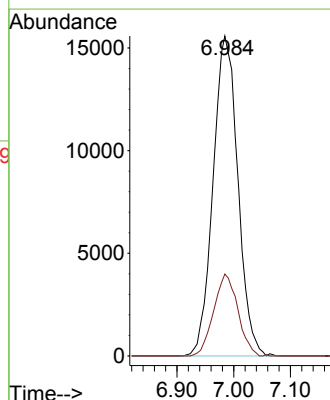
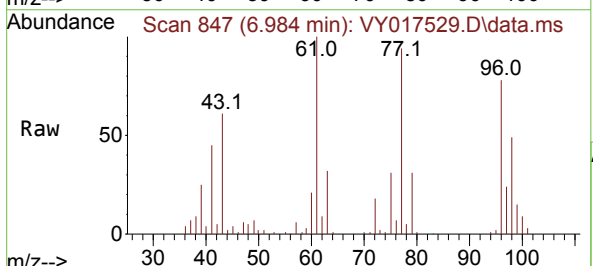
Acq: 29 Feb 2024 15:40

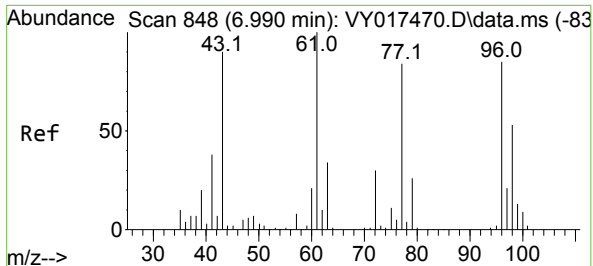
Tgt Ion: 77 Resp: 47297

Ion Ratio Lower Upper

77 100

97 24.9 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 21.090 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

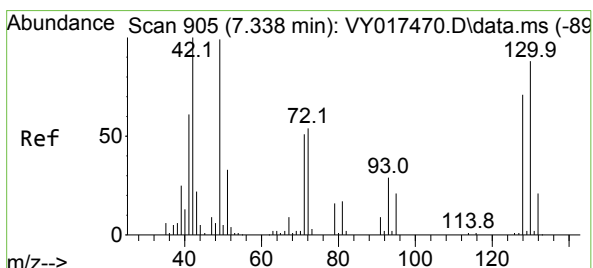
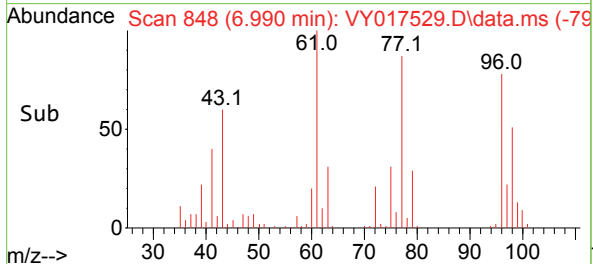
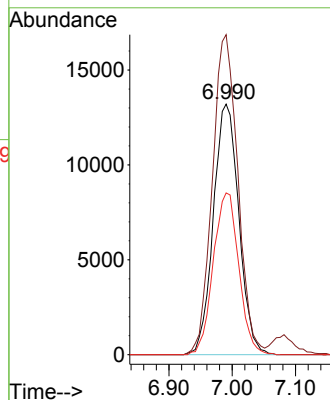
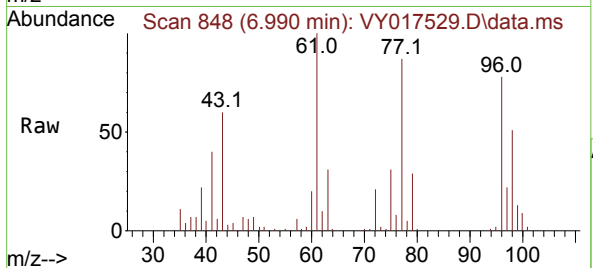
Tgt Ion: 96 Resp: 36904

Ion Ratio Lower Upper

96 100

61 127.8 0.0 256.2

98 64.7 0.0 130.0



#28

Bromochloromethane

Concen: 21.636 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

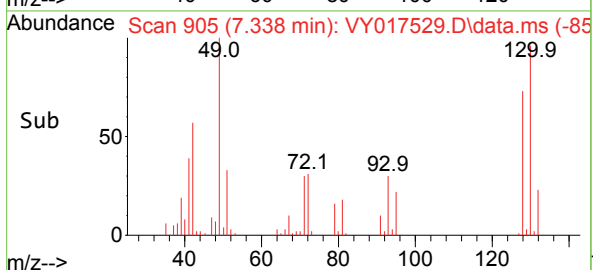
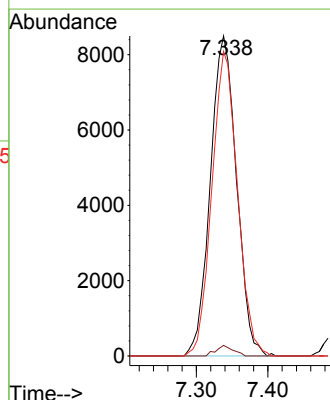
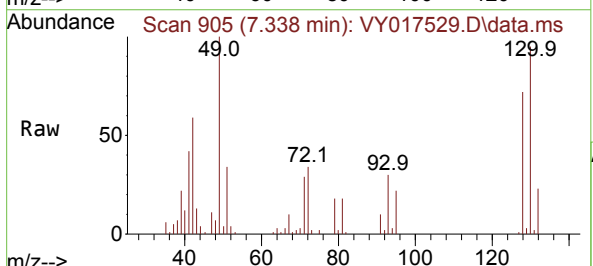
Tgt Ion: 49 Resp: 21605

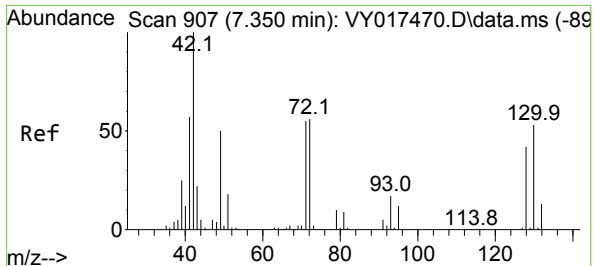
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 92.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 86.968 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

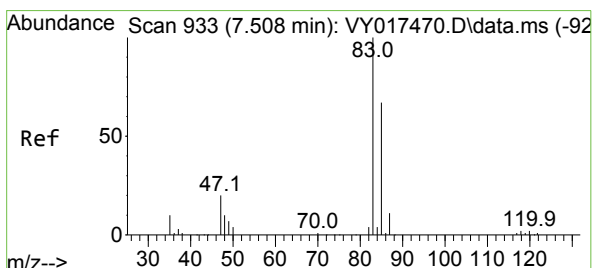
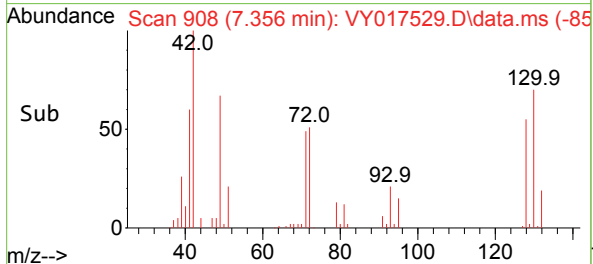
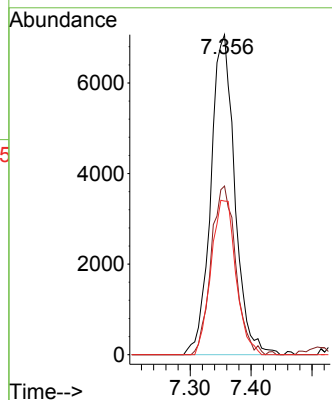
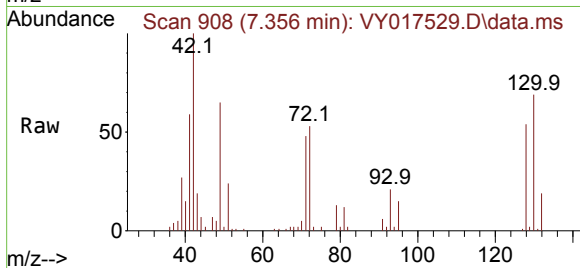
Tgt Ion: 42 Resp: 19351

Ion Ratio Lower Upper

42 100

72 53.9 43.0 64.4

71 49.9 40.8 61.2



#30

Chloroform

Concen: 21.829 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017529.D

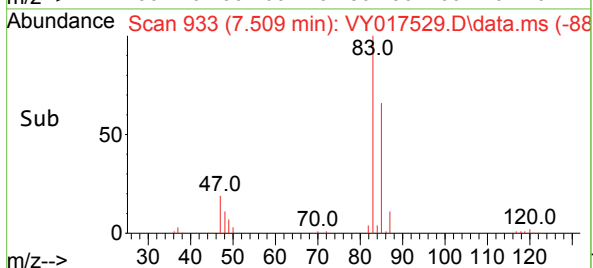
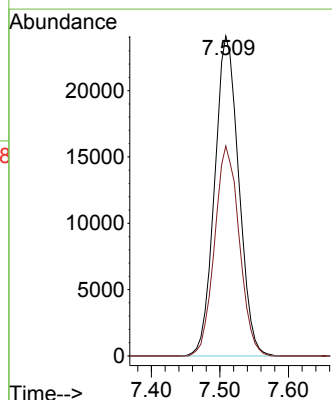
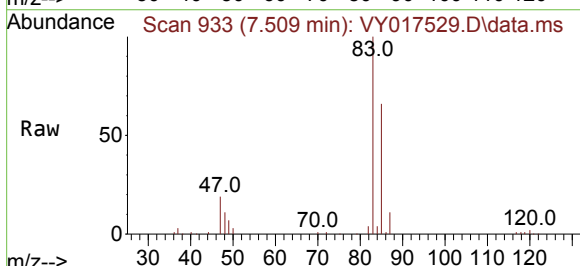
Acq: 29 Feb 2024 15:40

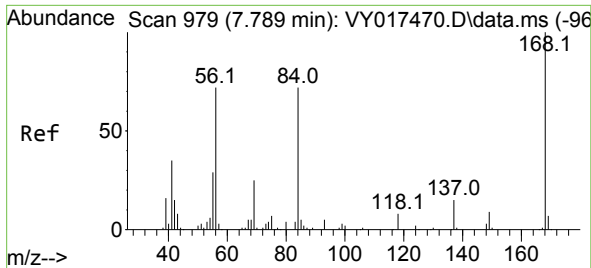
Tgt Ion: 83 Resp: 58926

Ion Ratio Lower Upper

83 100

85 65.6 52.2 78.4

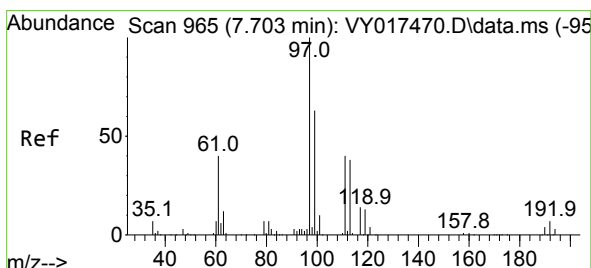
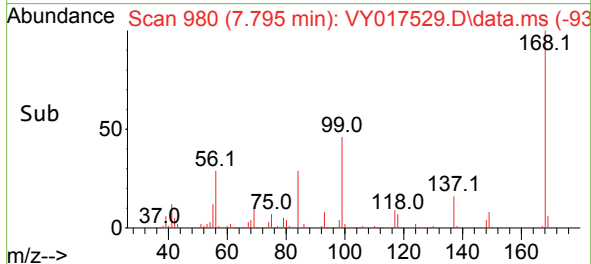
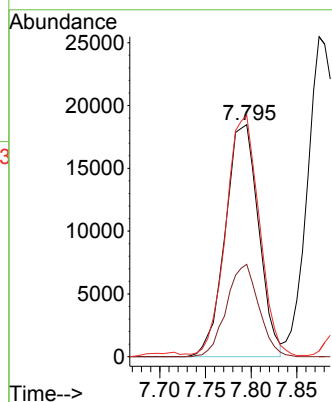
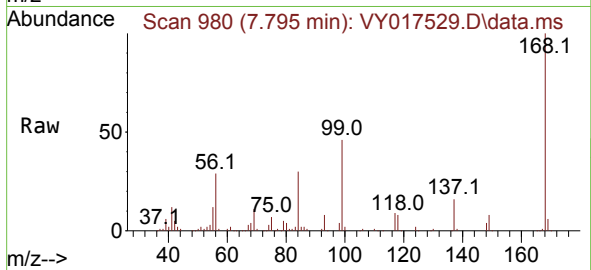




#31
Cyclohexane
Concen: 21.606 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

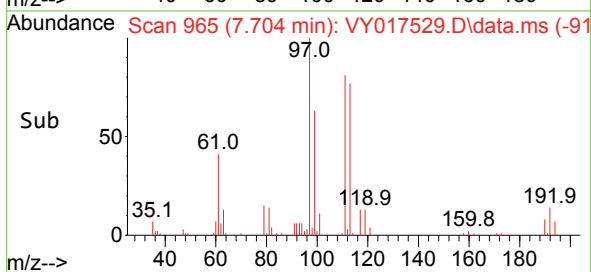
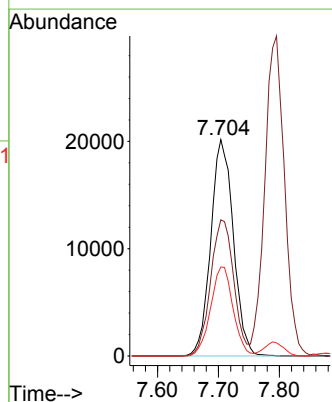
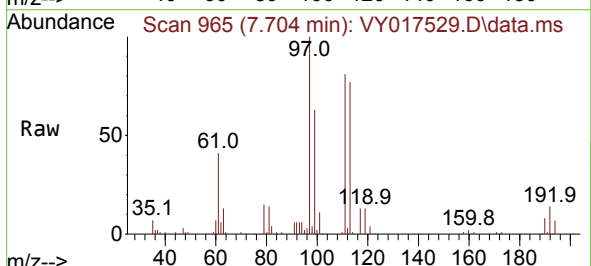
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

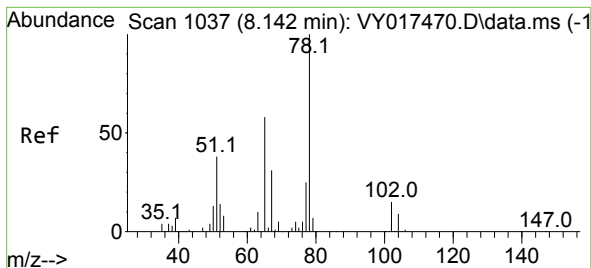
Tgt Ion: 56 Resp: 46953
Ion Ratio Lower Upper
56 100
69 39.8 28.7 43.1
84 103.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 22.143 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion: 97 Resp: 51895
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 41.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 42.380 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

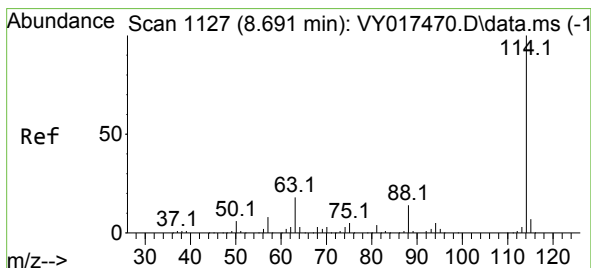
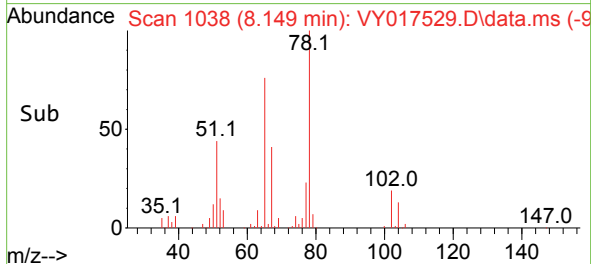
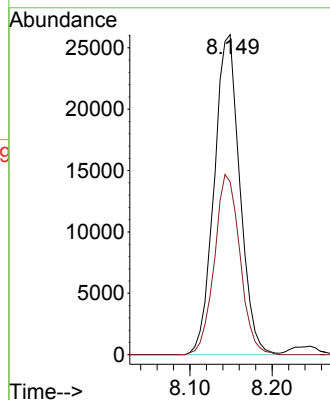
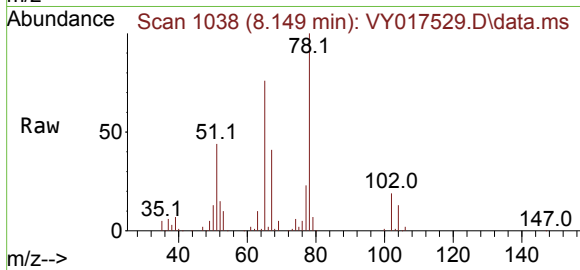
VY0229SBS01

Tgt Ion: 65 Resp: 56593

Ion Ratio Lower Upper

65 100

67 56.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

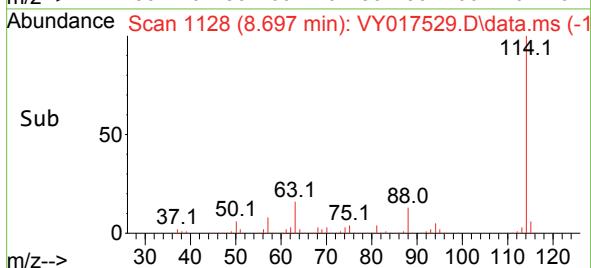
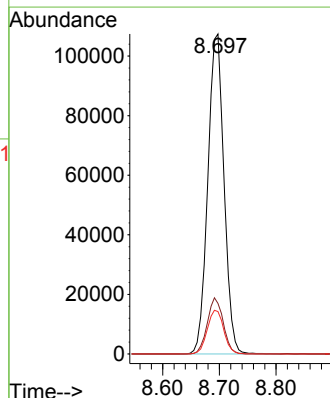
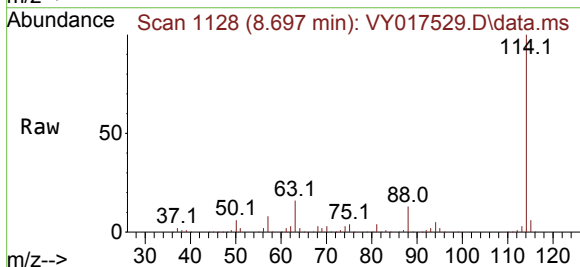
Tgt Ion: 114 Resp: 212960

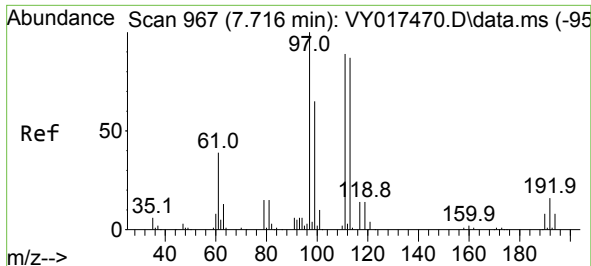
Ion Ratio Lower Upper

114 100

63 15.8 0.0 35.0

88 13.3 0.0 27.2

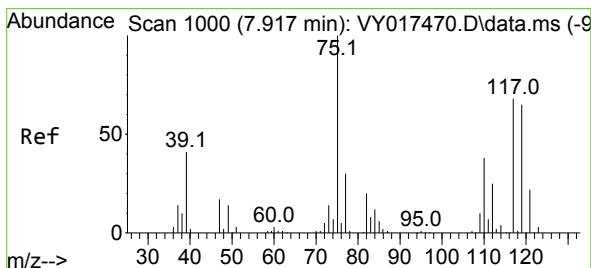
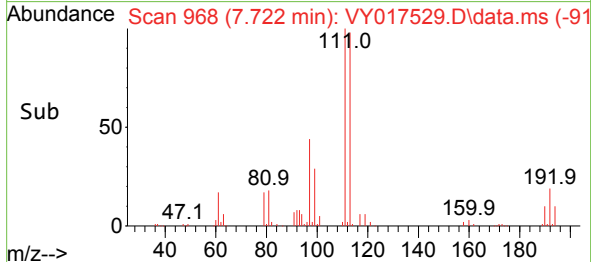
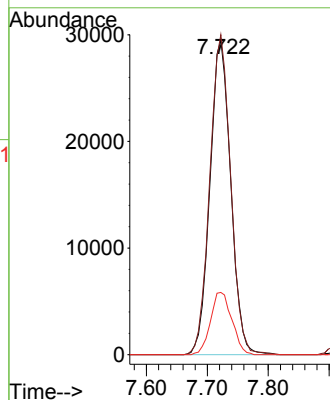
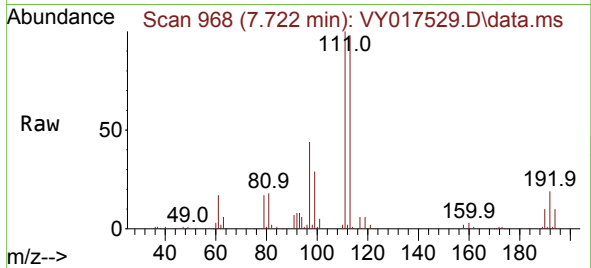




#35
Dibromofluoromethane
Concen: 47.051 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

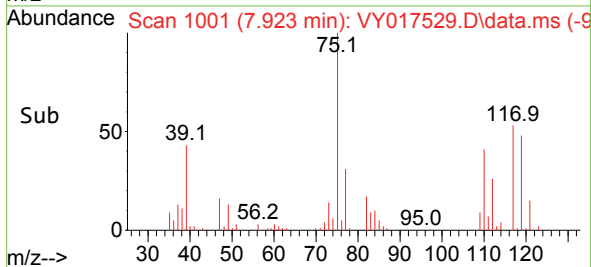
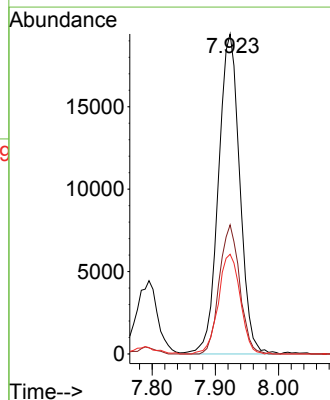
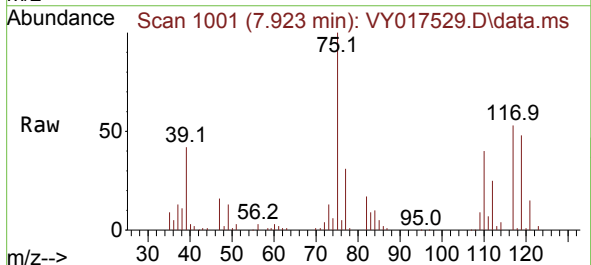
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

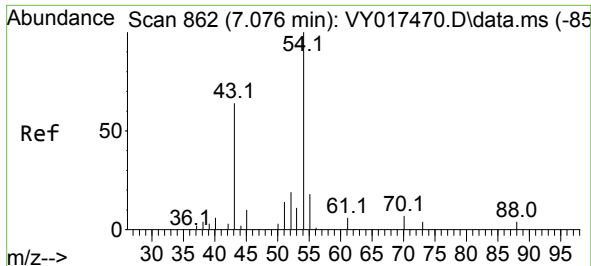
Tgt Ion:113 Resp: 69822
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 20.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 22.644 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion: 75 Resp: 45337
Ion Ratio Lower Upper
75 100
110 38.5 19.0 57.0
77 31.9 25.3 37.9

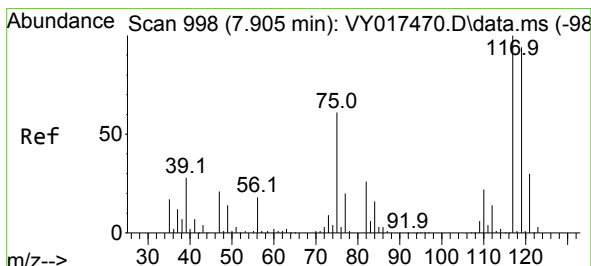
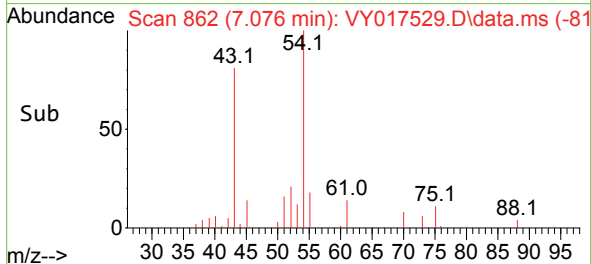
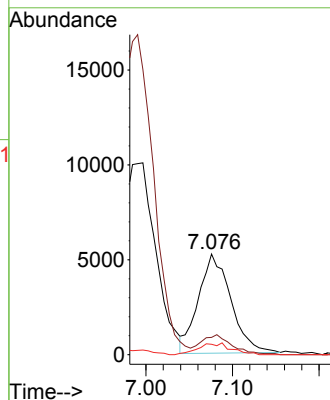
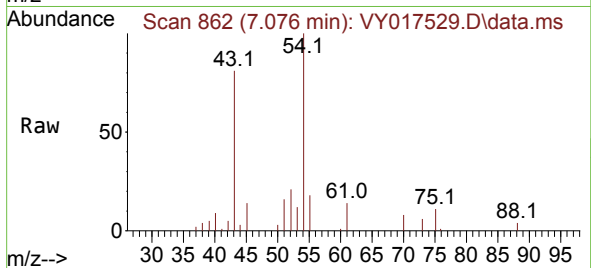




#37
Ethyl Acetate
Concen: 17.184 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

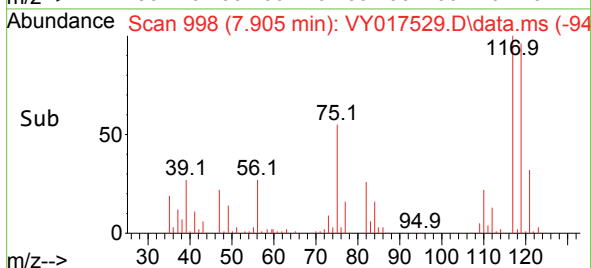
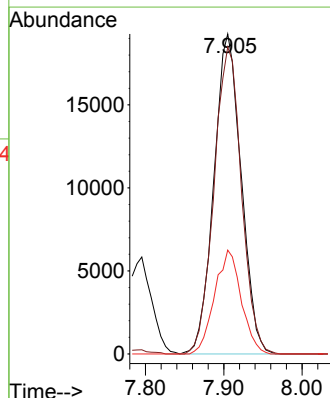
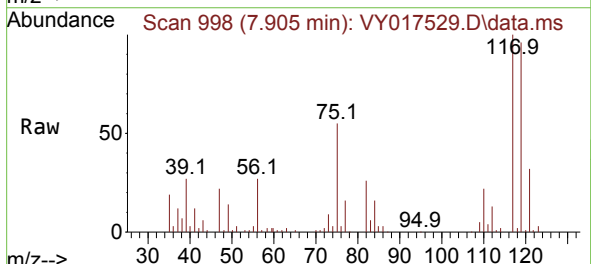
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

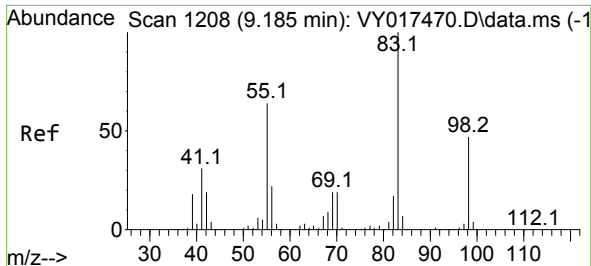
Tgt Ion: 43 Resp: 13589
Ion Ratio Lower Upper
43 100
61 19.1 12.6 19.0#
70 11.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 23.232 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion: 117 Resp: 46618
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.6
121 32.5 24.0 36.0





#39

Methylcyclohexane

Concen: 22.535 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

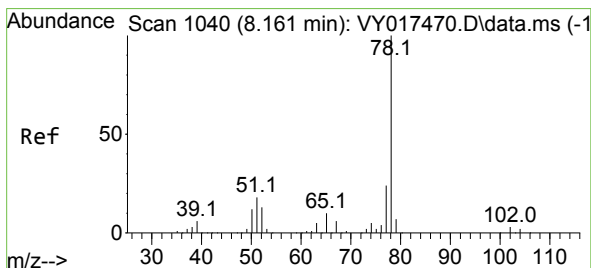
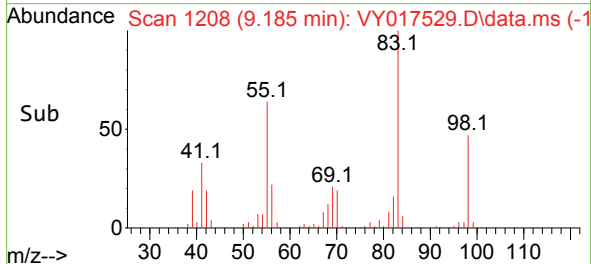
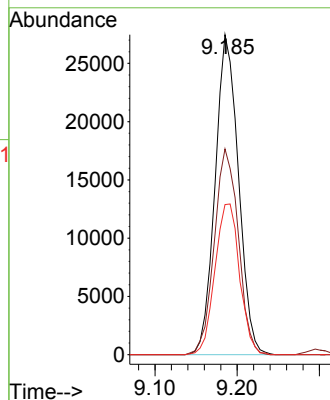
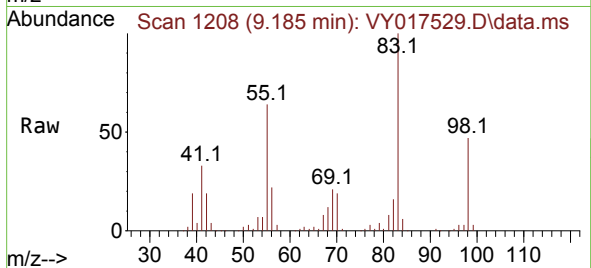
Tgt Ion: 83 Resp: 54224

Ion Ratio Lower Upper

83 100

55 64.3 51.5 77.3

98 46.9 40.5 60.7



#40

Benzene

Concen: 22.508 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017529.D

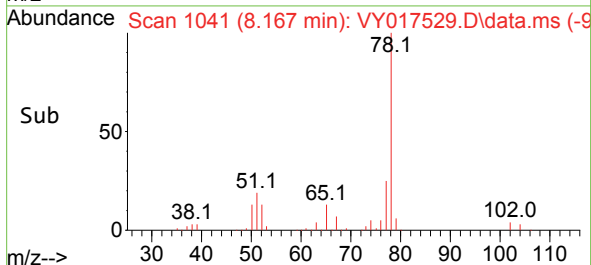
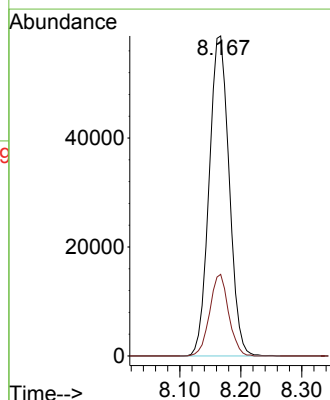
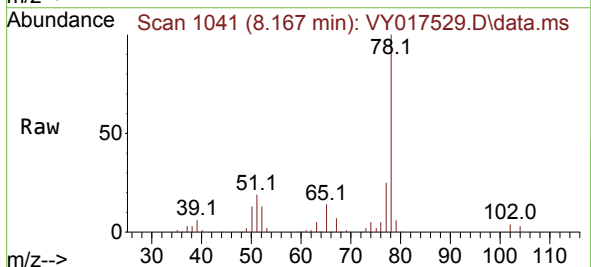
Acq: 29 Feb 2024 15:40

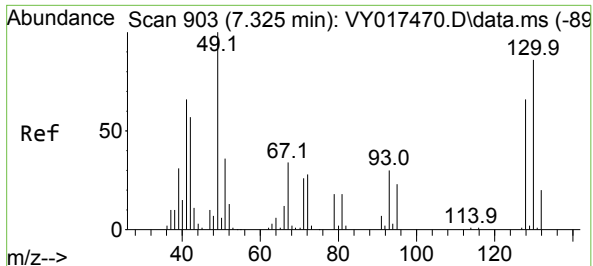
Tgt Ion: 78 Resp: 133835

Ion Ratio Lower Upper

78 100

77 25.5 19.5 29.3

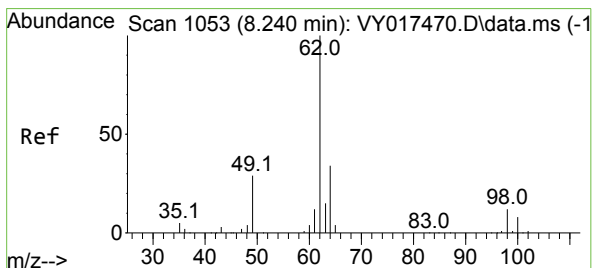
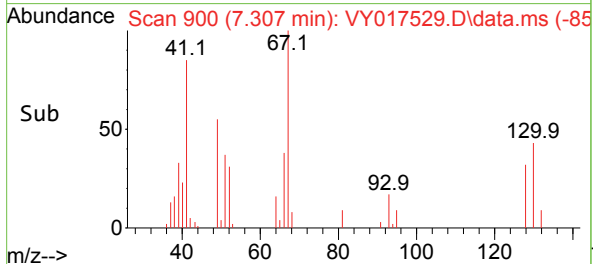
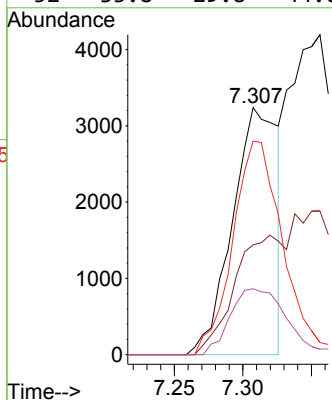
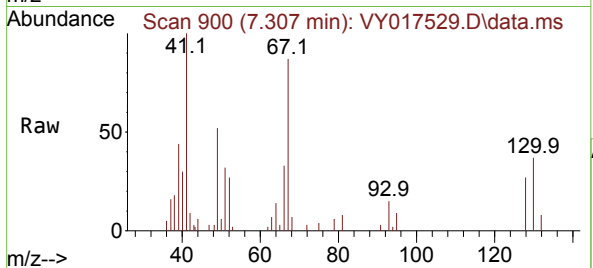




#41
Methacrylonitrile
Concen: 18.668 ug/l
RT: 7.307 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

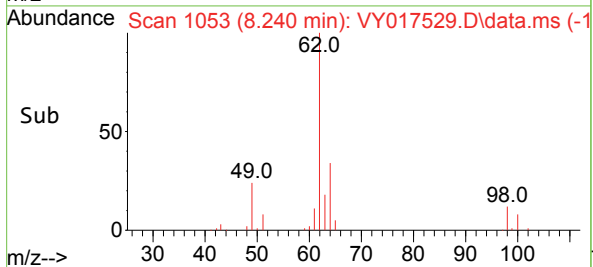
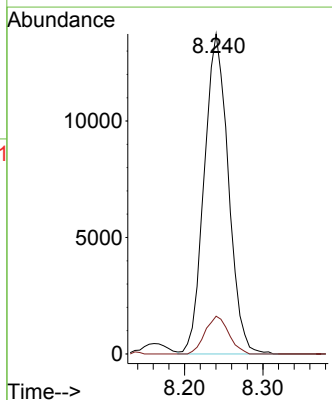
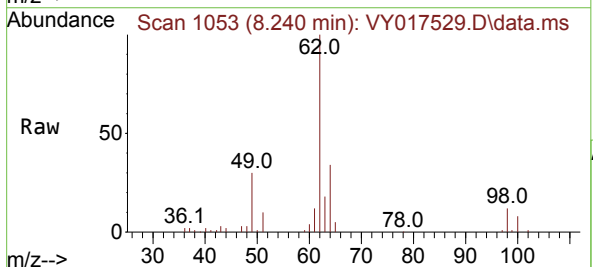
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

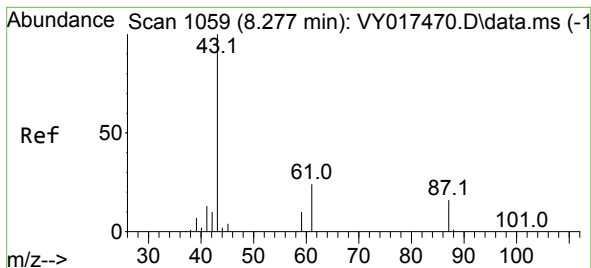
Tgt Ion:	41	Resp:	7408
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.0	72.0
67	96.2	75.1	112.7
52	33.8	29.8	44.6



#42
1,2-Dichloroethane
Concen: 20.313 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion:	62	Resp:	29469
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	22.0





#43

Isopropyl Acetate

Concen: 18.673 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

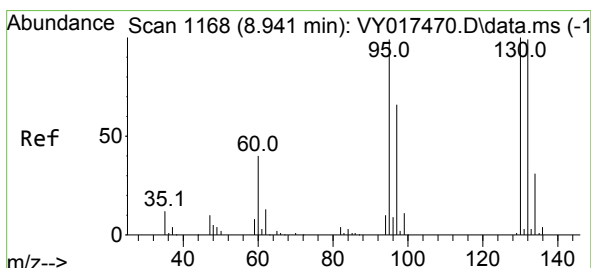
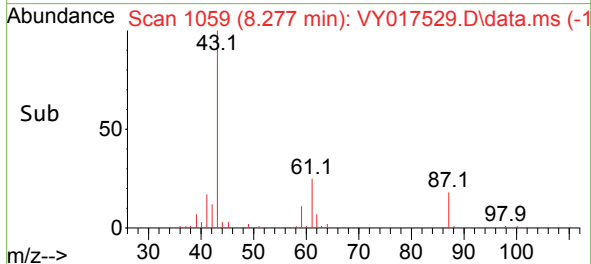
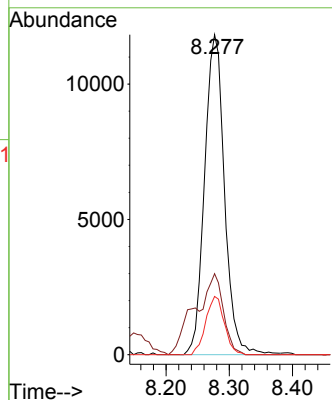
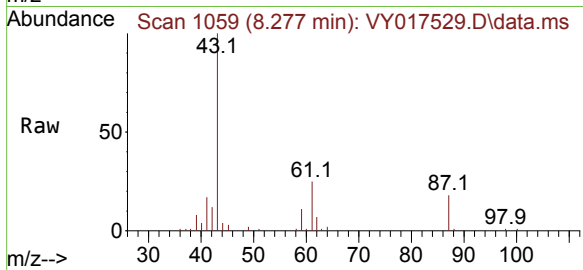
Tgt Ion: 43 Resp: 25949

Ion Ratio Lower Upper

43 100

61 23.0 27.9 41.9#

87 16.9 13.1 19.7



#44

Trichloroethene

Concen: 22.232 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.006 min

Lab File: VY017529.D

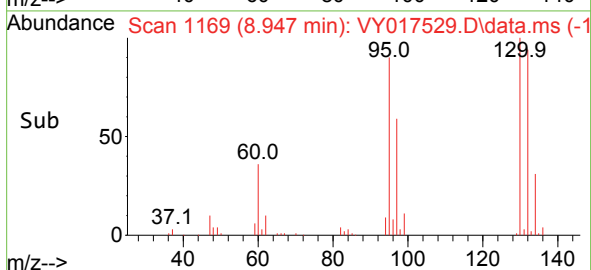
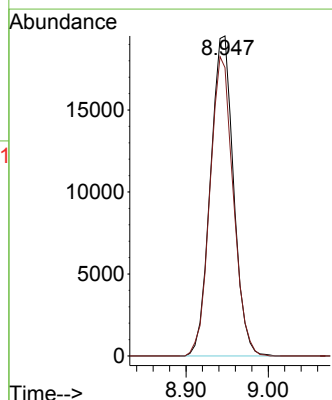
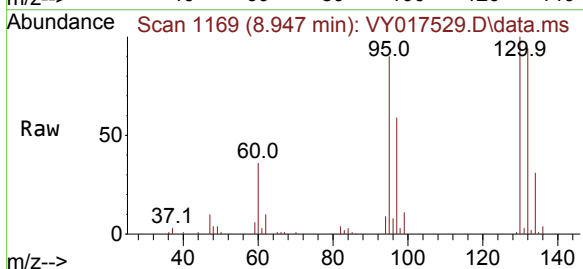
Acq: 29 Feb 2024 15:40

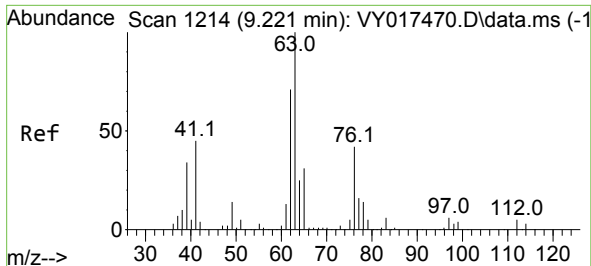
Tgt Ion:130 Resp: 38102

Ion Ratio Lower Upper

130 100

95 90.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.938 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

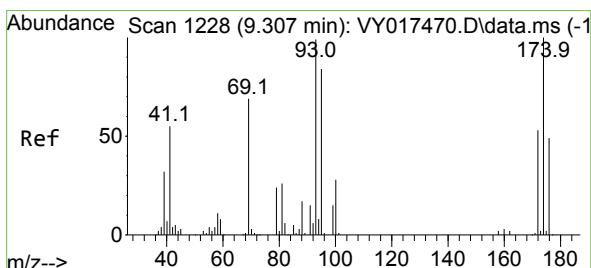
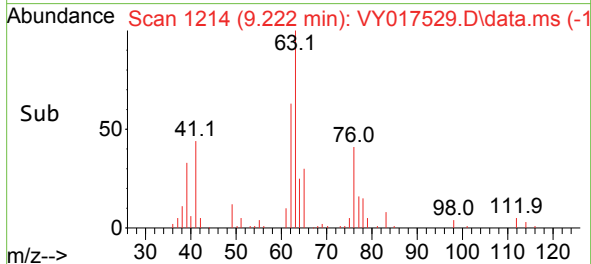
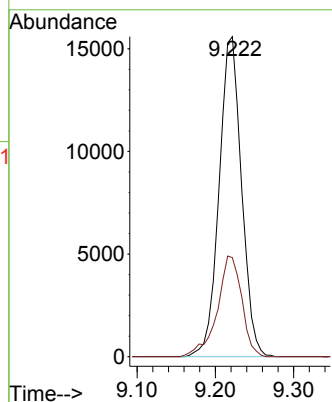
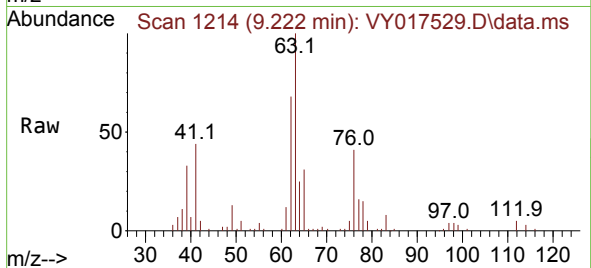
VY0229SBS01

Tgt Ion: 63 Resp: 31035

Ion Ratio Lower Upper

63 100

65 30.9 25.4 38.2



#46

Dibromomethane

Concen: 20.320 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

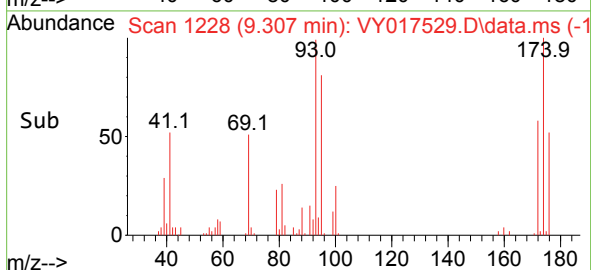
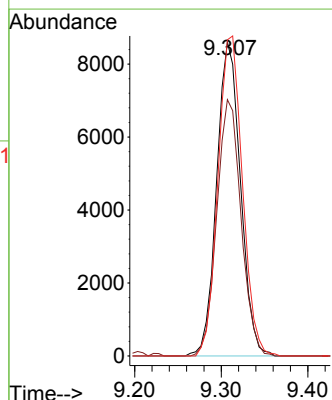
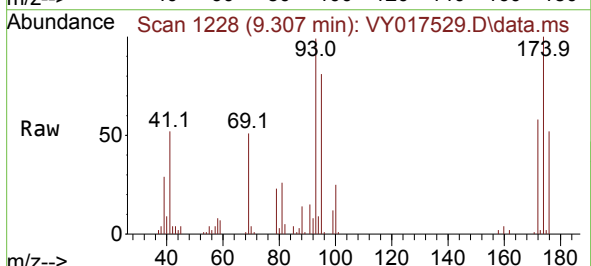
Tgt Ion: 93 Resp: 16451

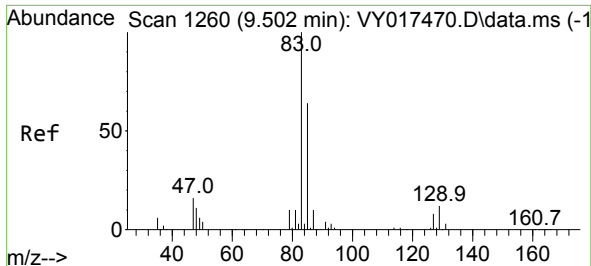
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 104.3 80.9 121.3

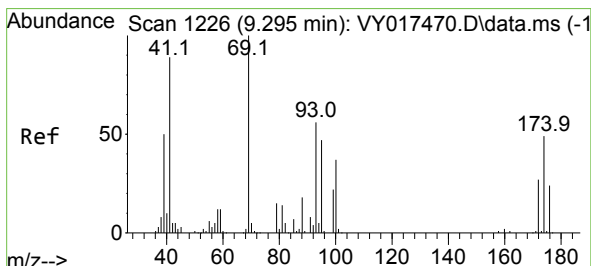
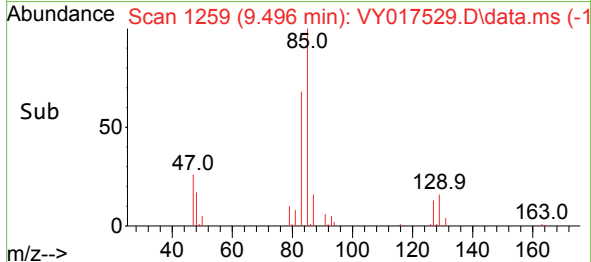
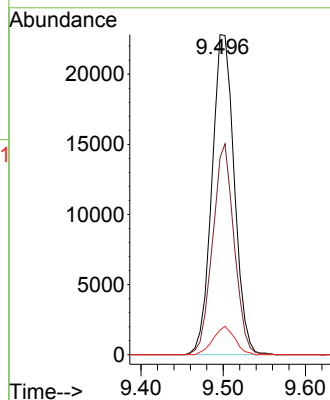
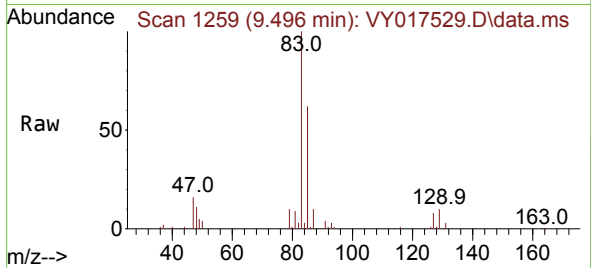




#47
Bromodichloromethane
Concen: 21.931 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

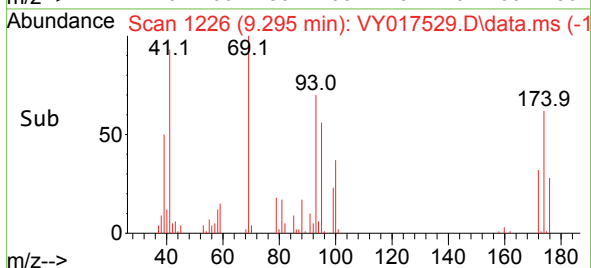
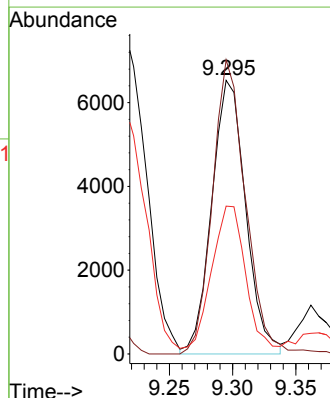
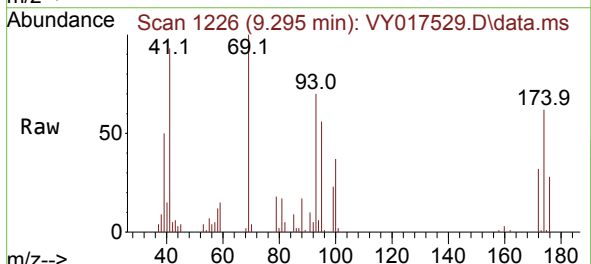
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

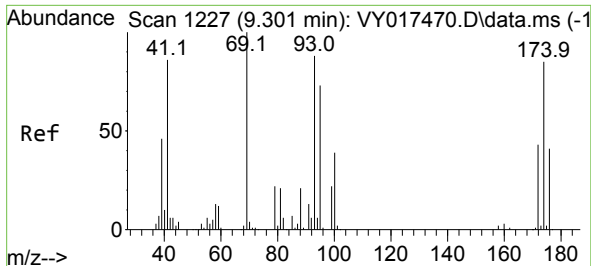
Tgt Ion: 83 Resp: 43112
Ion Ratio Lower Upper
83 100
85 61.6 50.1 75.1
127 7.7 7.4 11.0



#48
Methyl methacrylate
Concen: 18.951 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion: 41 Resp: 12190
Ion Ratio Lower Upper
41 100
69 104.8 84.1 126.1
39 51.5 43.6 65.4

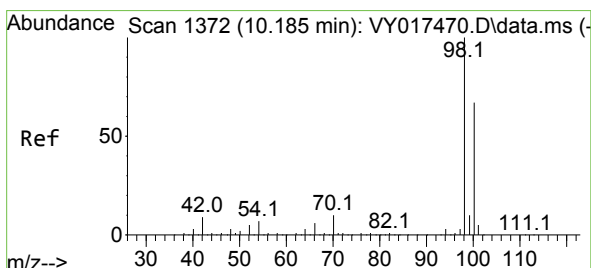
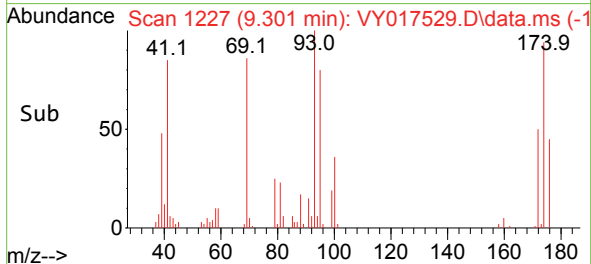
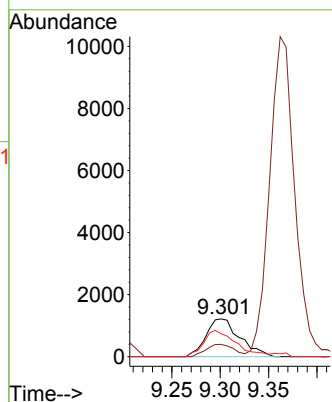
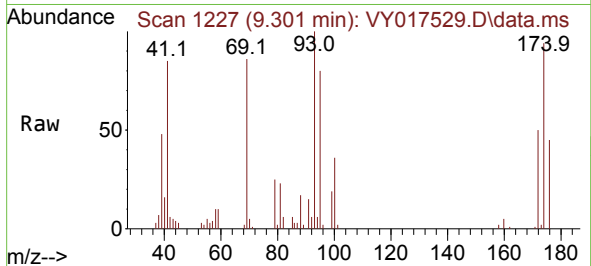




#49
1,4-Dioxane
Concen: 321.313 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

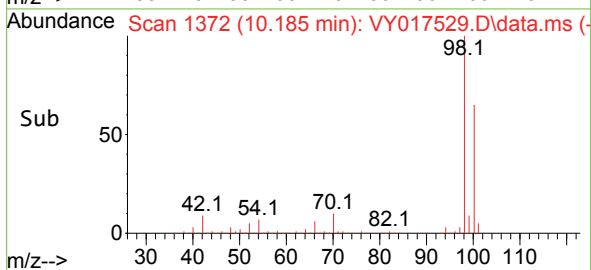
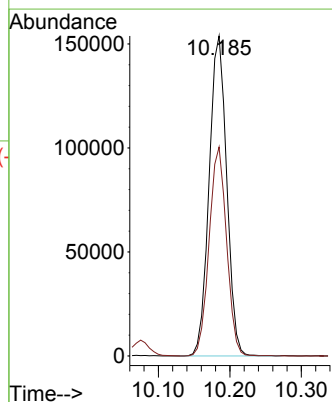
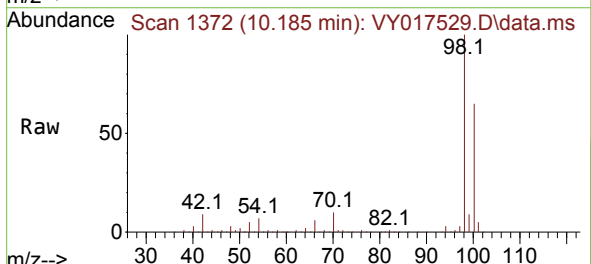
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

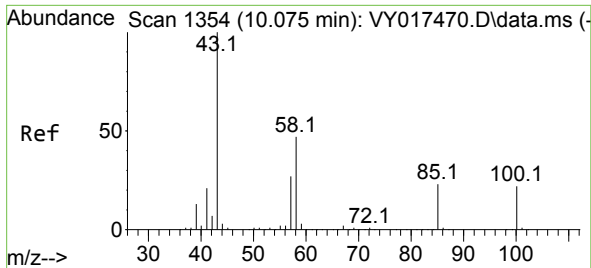
Tgt Ion: 88 Resp: 2944
Ion Ratio Lower Upper
88 100
43 27.6 0.0 0.0#
58 67.1 49.3 73.9



#50
Toluene-d8
Concen: 50.549 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion: 98 Resp: 262273
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

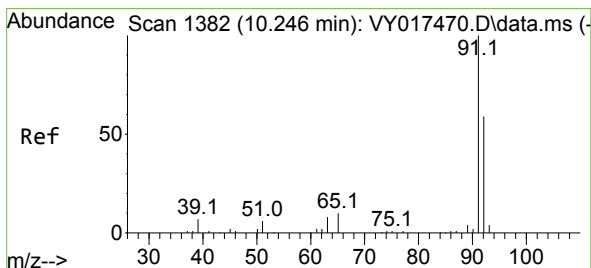
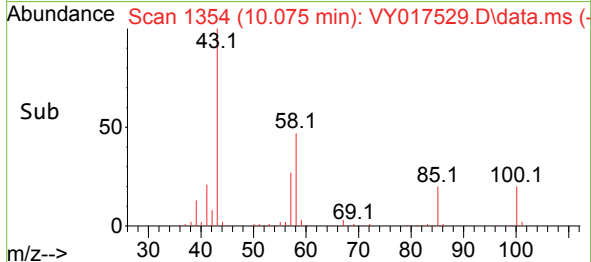
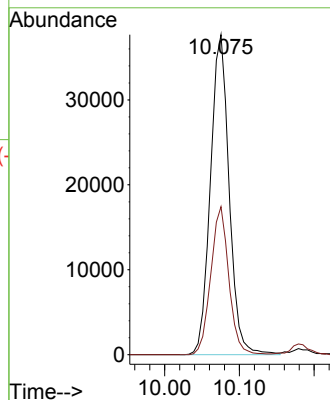
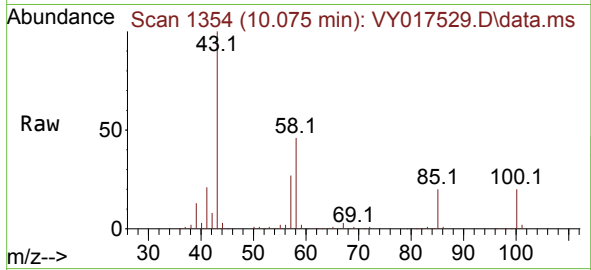




#51
4-Methyl-2-Pentanone
Concen: 84.558 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

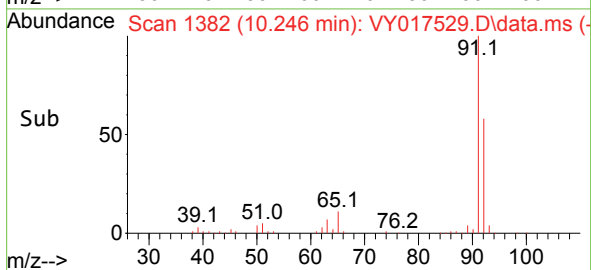
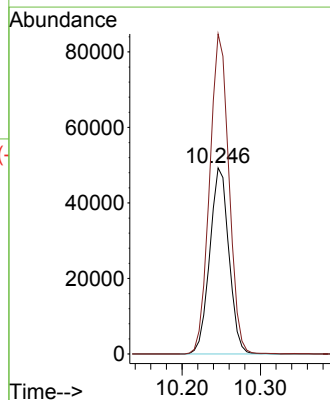
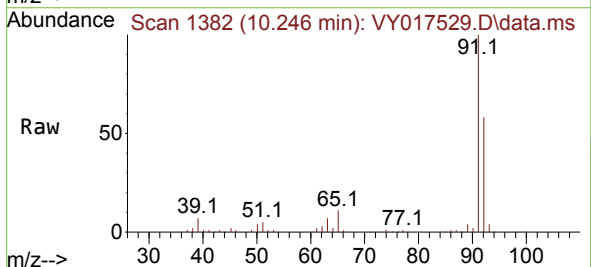
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

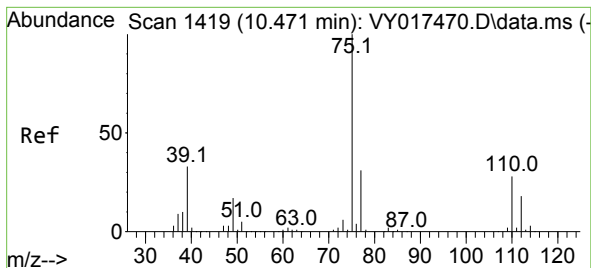
Tgt Ion: 43 Resp: 65489
Ion Ratio Lower Upper
43 100
58 44.7 35.7 53.5



#52
Toluene
Concen: 22.280 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion: 92 Resp: 83516
Ion Ratio Lower Upper
92 100
91 173.7 139.0 208.6

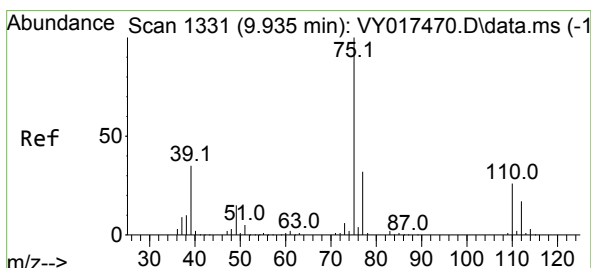
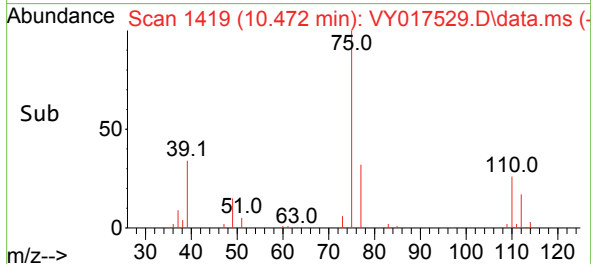
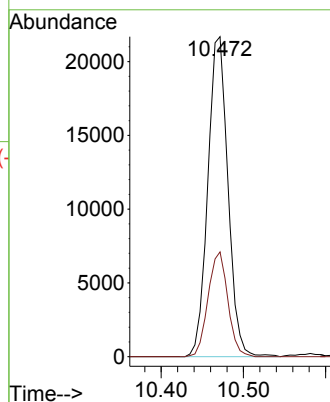
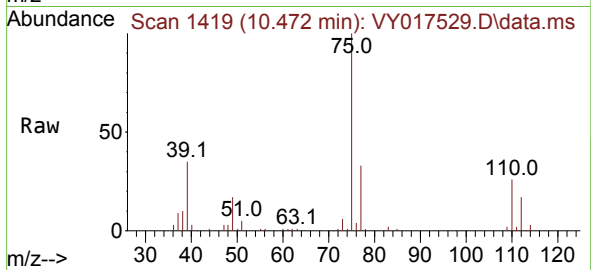




#53
t-1,3-Dichloropropene
Concen: 20.200 ug/l
RT: 10.472 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

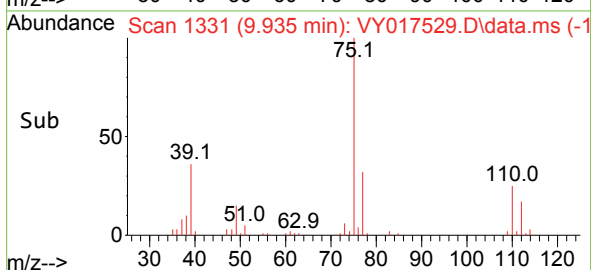
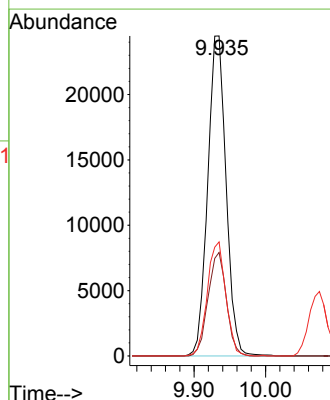
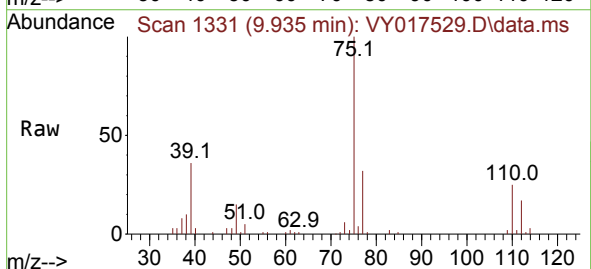
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

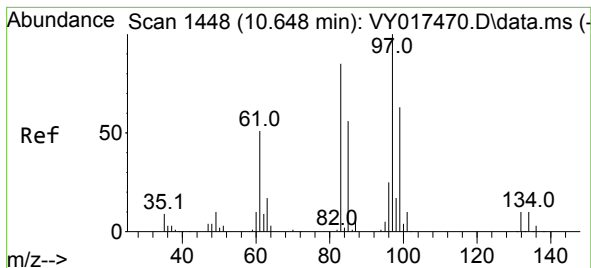
Tgt Ion: 75 Resp: 36857
Ion Ratio Lower Upper
75 100
77 32.8 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 19.698 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion: 75 Resp: 43672
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
39 35.6 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 20.204 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

Tgt Ion: 97 Resp: 23224

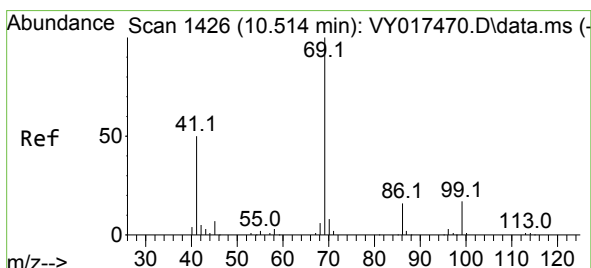
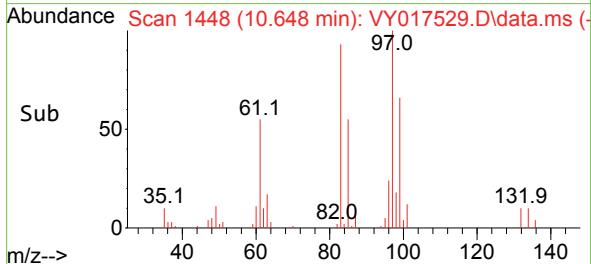
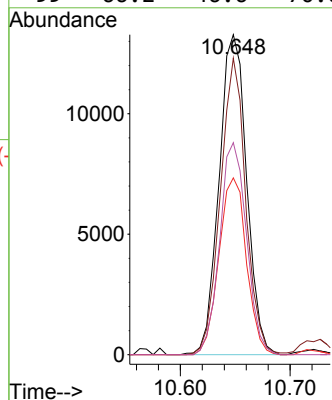
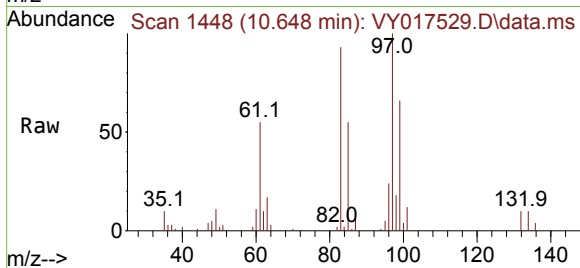
Ion Ratio Lower Upper

97 100

83 92.7 67.5 101.3

85 55.2 42.9 64.3

99 66.2 46.6 70.0



#56

Ethyl methacrylate

Concen: 18.295 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

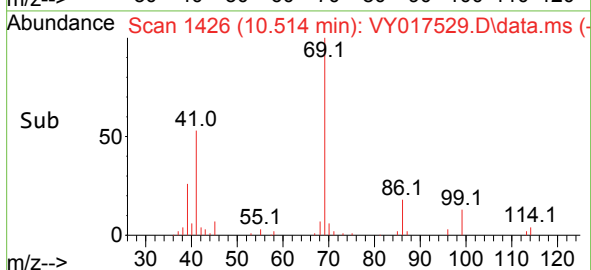
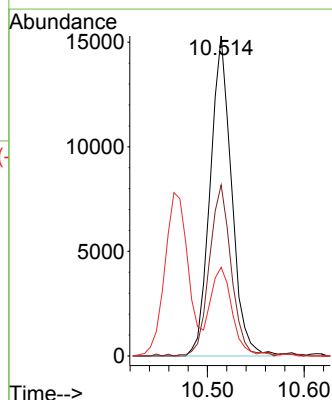
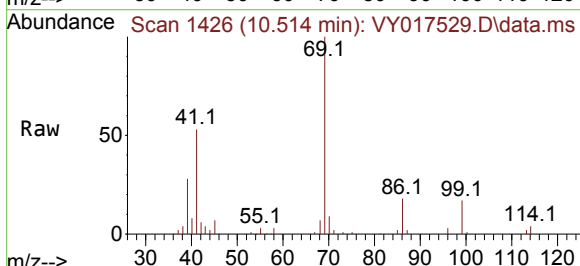
Tgt Ion: 69 Resp: 23475

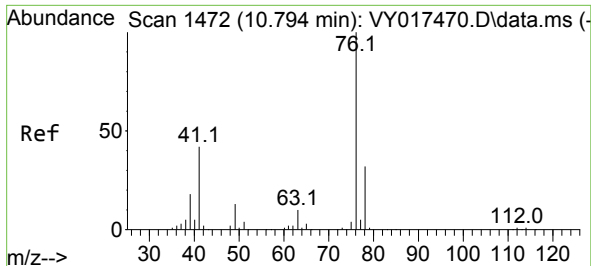
Ion Ratio Lower Upper

69 100

41 54.7 42.3 63.5

39 26.9 22.9 34.3





#57

1,3-Dichloropropane

Concen: 19.955 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

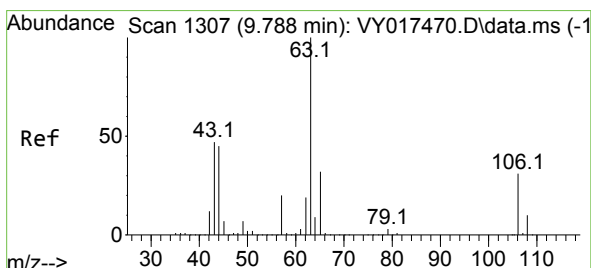
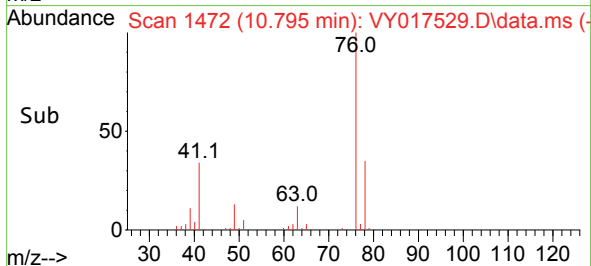
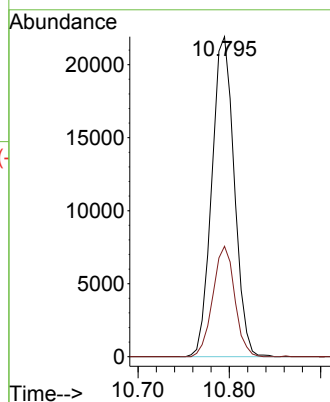
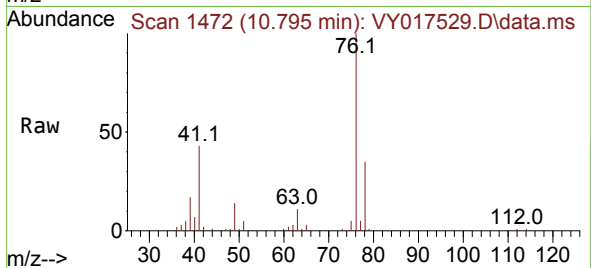
VY0229SBS01

Tgt Ion: 76 Resp: 37294

Ion Ratio Lower Upper

76 100

78 33.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 1.710 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY017529.D

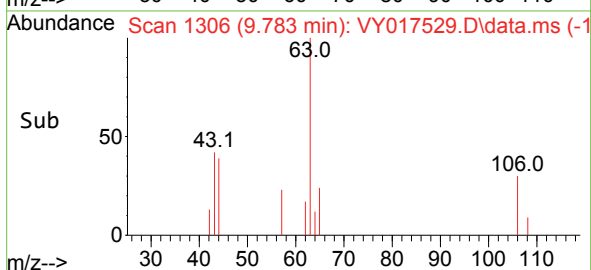
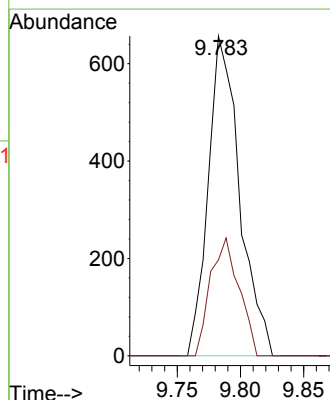
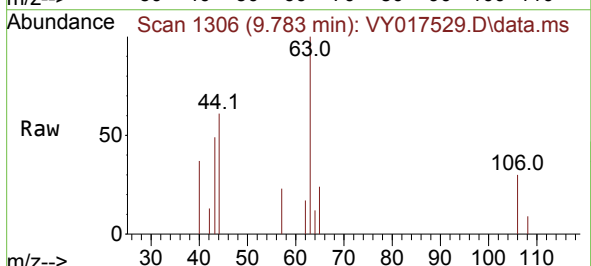
Acq: 29 Feb 2024 15:40

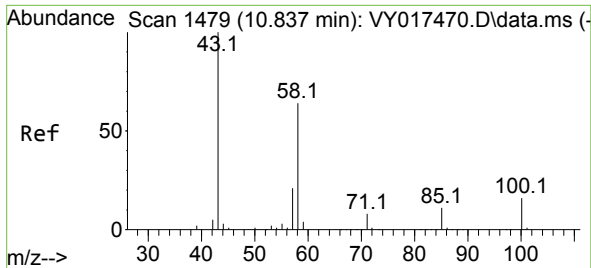
Tgt Ion: 63 Resp: 1134

Ion Ratio Lower Upper

63 100

106 33.6 23.7 35.5

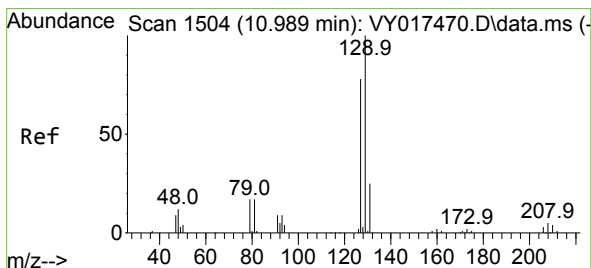
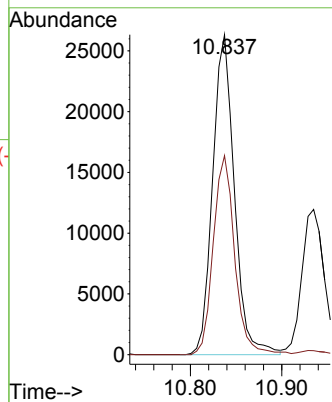
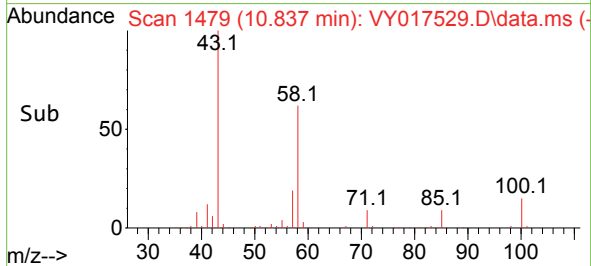
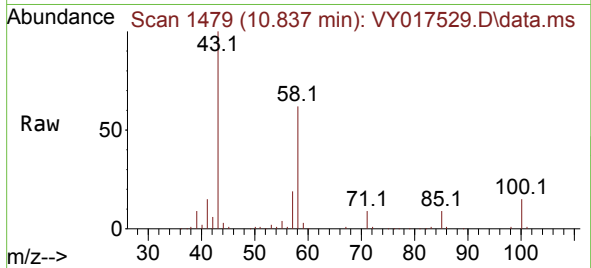




#59
2-Hexanone
Concen: 81.684 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

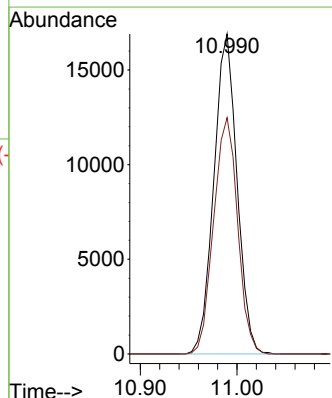
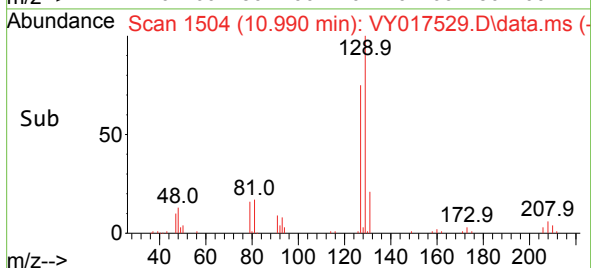
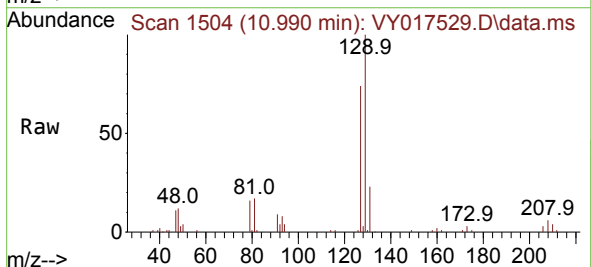
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

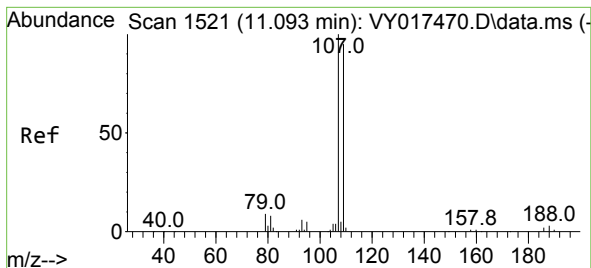
Tgt Ion: 43 Resp: 43454
Ion Ratio Lower Upper
43 100
58 61.5 31.4 94.0



#60
Dibromochloromethane
Concen: 20.685 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion: 129 Resp: 28128
Ion Ratio Lower Upper
129 100
127 76.3 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.943 ug/l

RT: 11.093 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

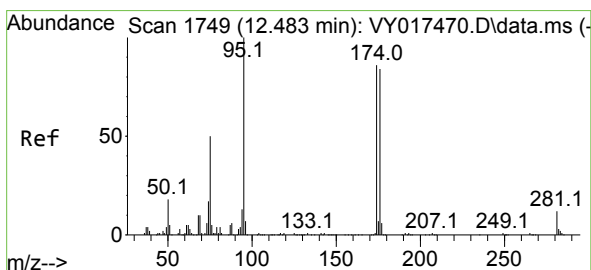
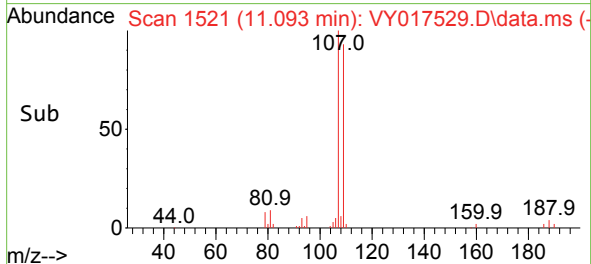
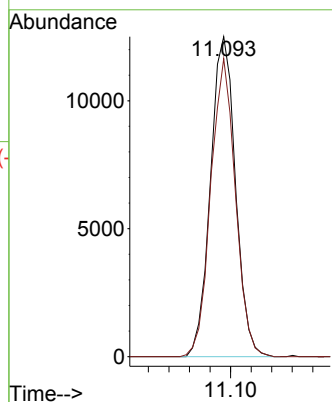
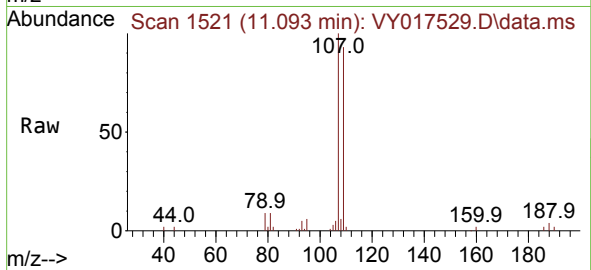
VY0229SBS01

Tgt Ion:107 Resp: 21126

Ion Ratio Lower Upper

107 100

109 91.7 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 47.171 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

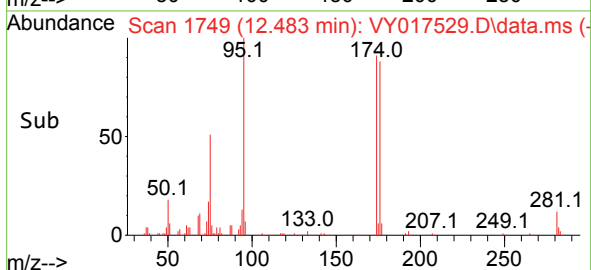
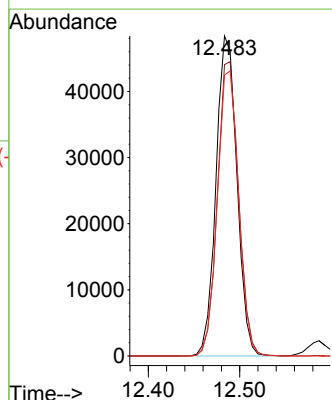
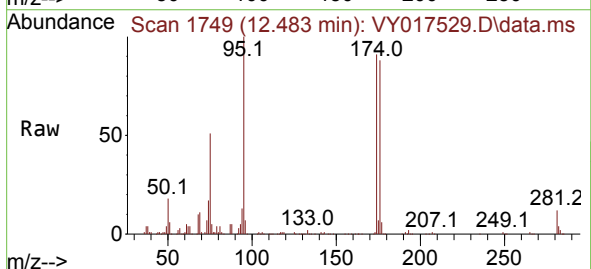
Tgt Ion: 95 Resp: 76917

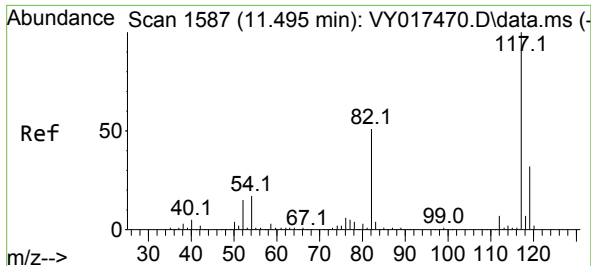
Ion Ratio Lower Upper

95 100

174 93.0 0.0 175.6

176 90.9 0.0 171.4

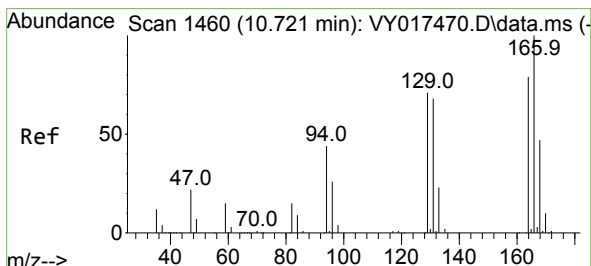
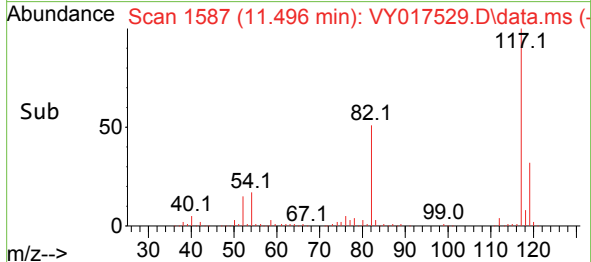
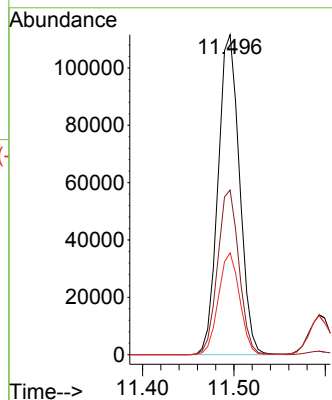
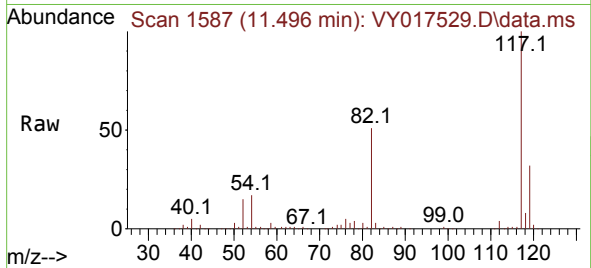




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

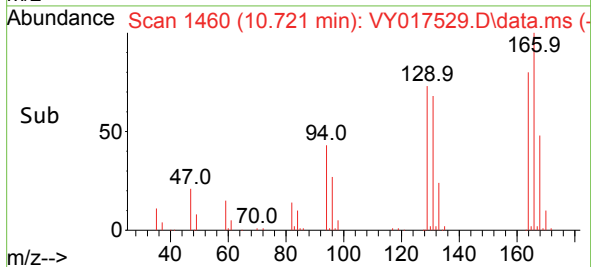
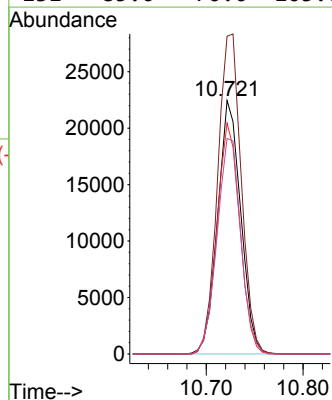
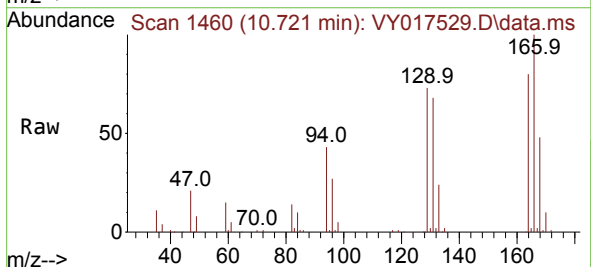
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

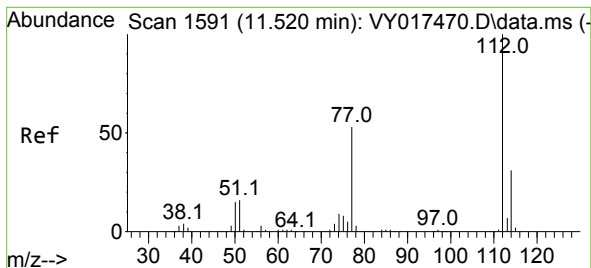
Tgt Ion:117 Resp: 182056
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 31.8 25.9 38.9



#64
Tetrachloroethene
Concen: 21.337 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion:164 Resp: 37285
Ion Ratio Lower Upper
164 100
166 125.4 102.6 154.0
129 91.1 72.0 108.0
131 85.0 70.0 105.0

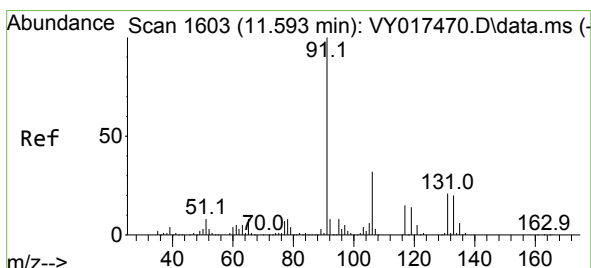
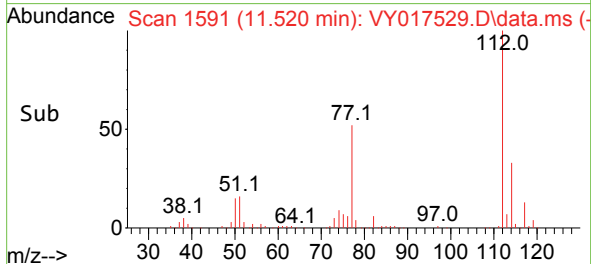
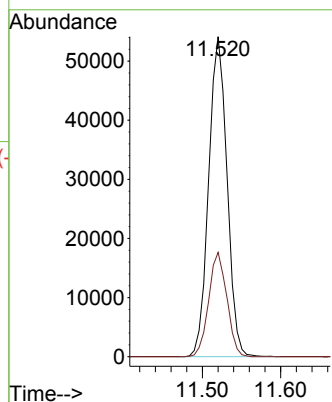
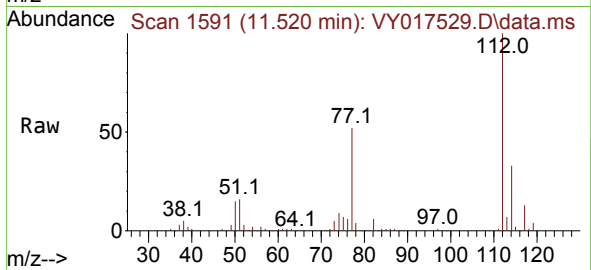




#65
Chlorobenzene
Concen: 22.794 ug/l
RT: 11.520 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

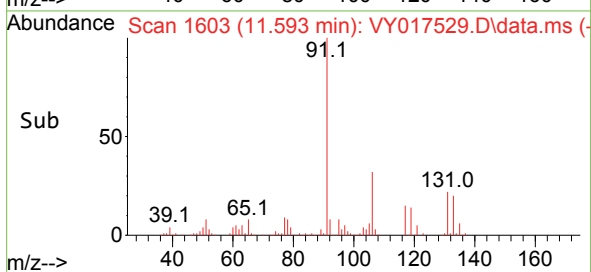
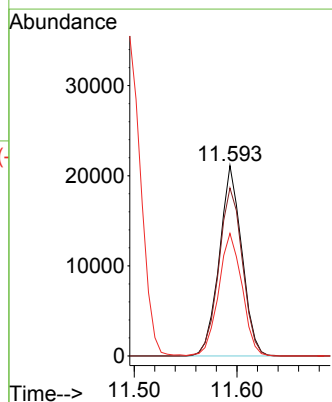
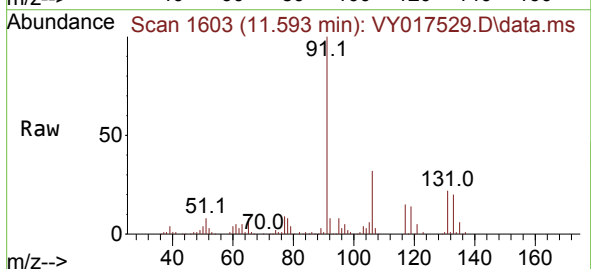
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

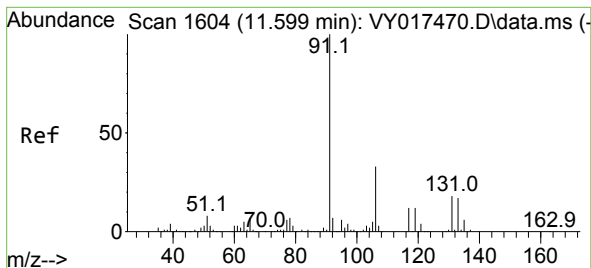
Tgt Ion:112 Resp: 88082
Ion Ratio Lower Upper
112 100
114 32.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.159 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion:131 Resp: 32079
Ion Ratio Lower Upper
131 100
133 93.1 47.8 143.3
119 67.1 34.1 102.2





#67

Ethyl Benzene

Concen: 22.696 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

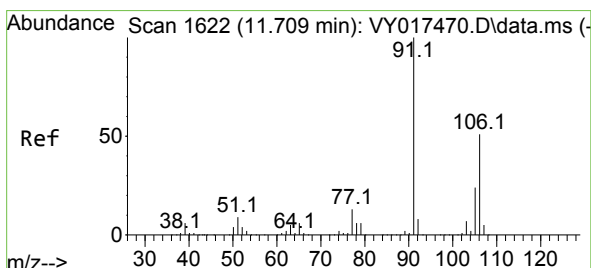
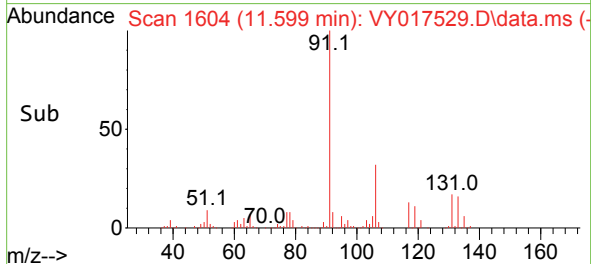
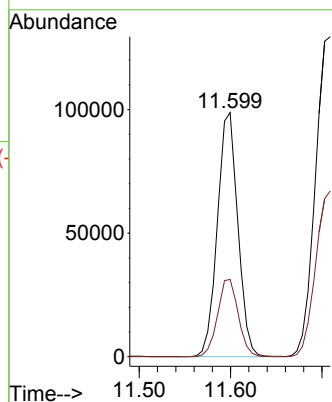
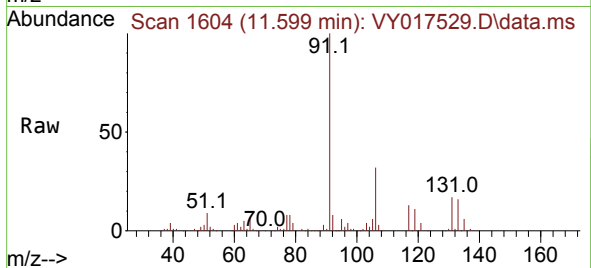
VY0229SBS01

Tgt Ion: 91 Resp: 153813

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7



#68

m/p-Xylenes

Concen: 45.864 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017529.D

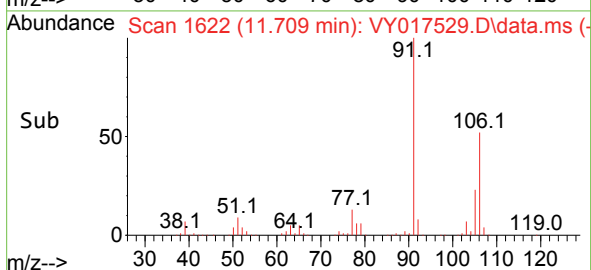
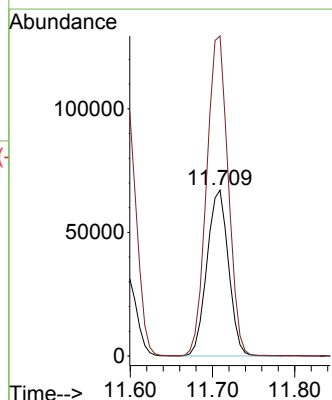
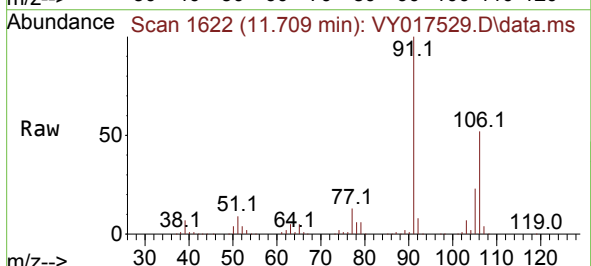
Acq: 29 Feb 2024 15:40

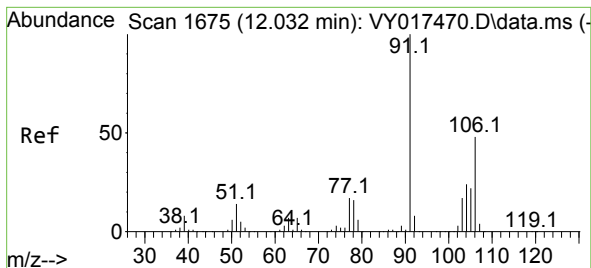
Tgt Ion:106 Resp: 122133

Ion Ratio Lower Upper

106 100

91 193.1 156.0 234.0





#69

o-Xylene

Concen: 22.182 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

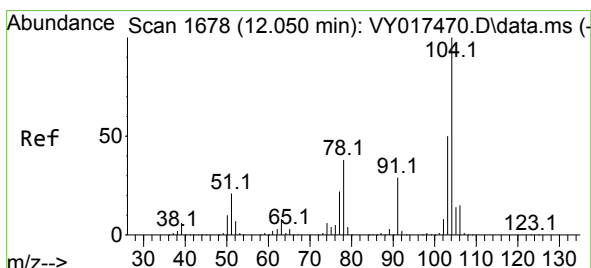
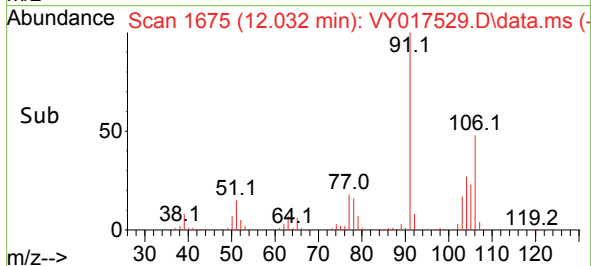
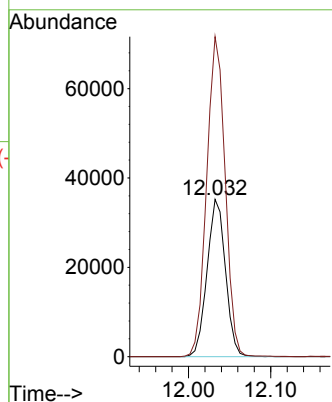
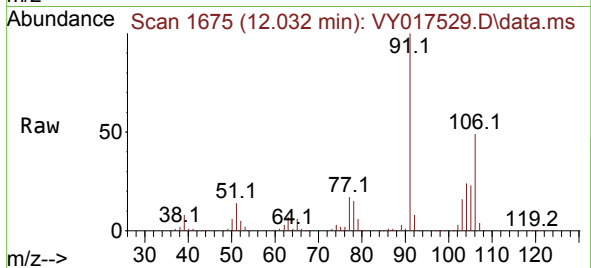
VY0229SBS01

Tgt Ion:106 Resp: 54801

Ion Ratio Lower Upper

106 100

91 204.3 103.6 310.8



#70

Styrene

Concen: 22.072 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

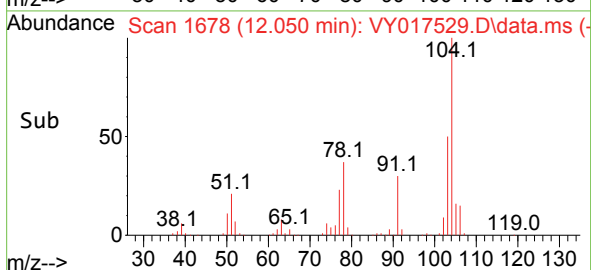
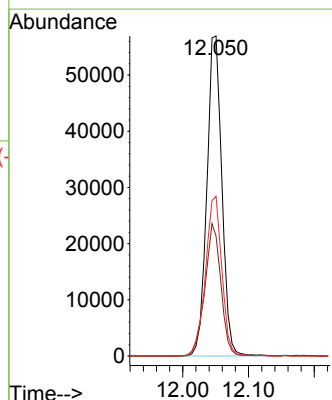
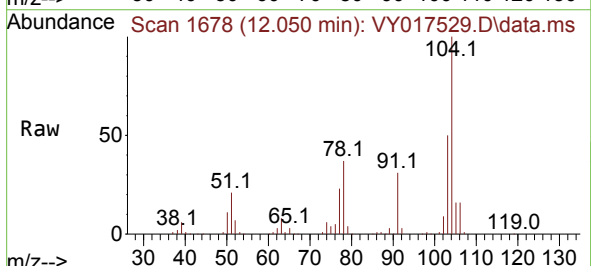
Tgt Ion:104 Resp: 90511

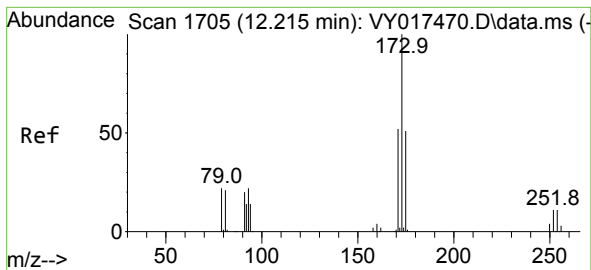
Ion Ratio Lower Upper

104 100

78 44.0 37.0 55.4

103 54.4 44.2 66.2





#71

Bromoform

Concen: 19.942 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

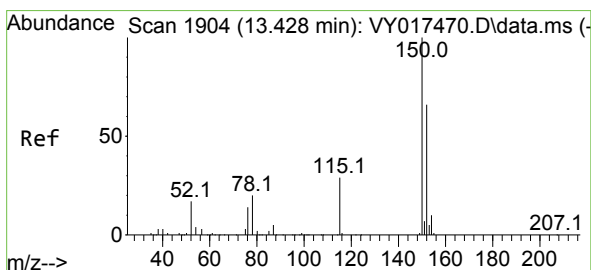
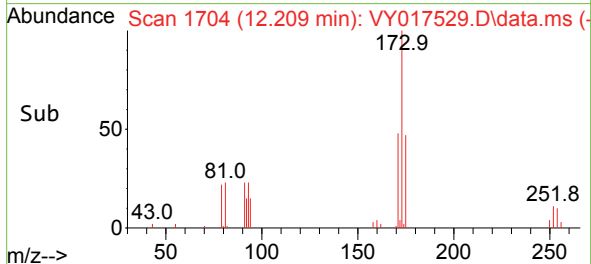
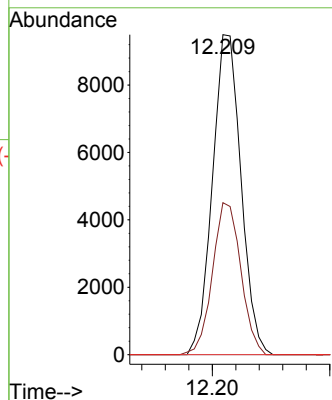
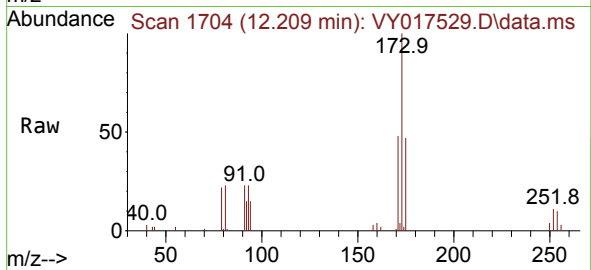
Tgt Ion:173 Resp: 15998

Ion Ratio Lower Upper

173 100

175 47.2 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

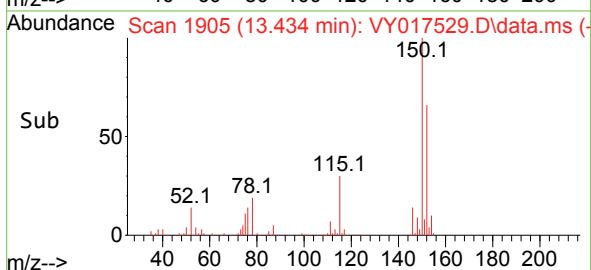
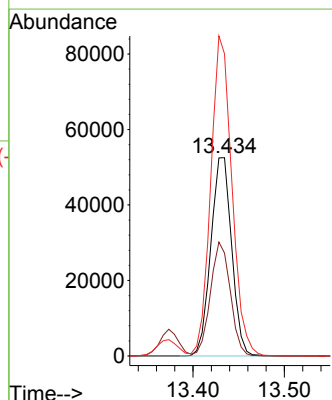
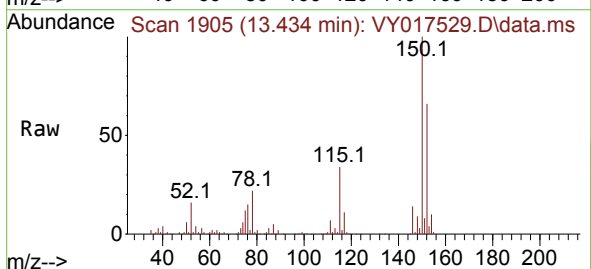
Tgt Ion:152 Resp: 83197

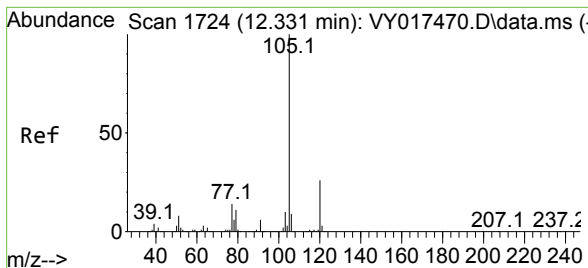
Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 163.6 0.0 345.6





#73

Isopropylbenzene

Concen: 23.767 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

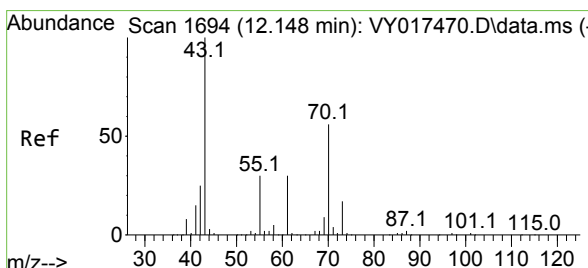
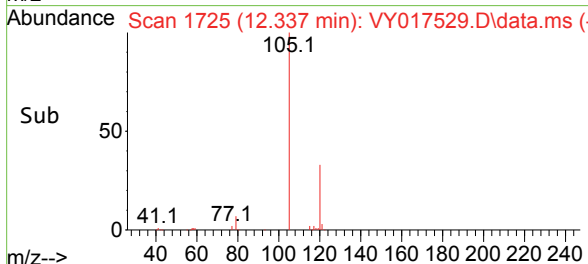
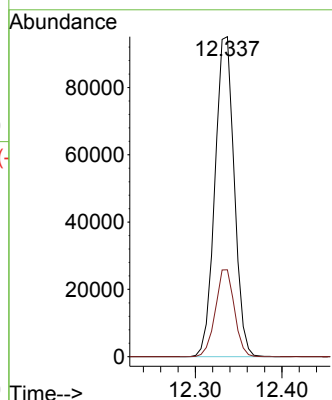
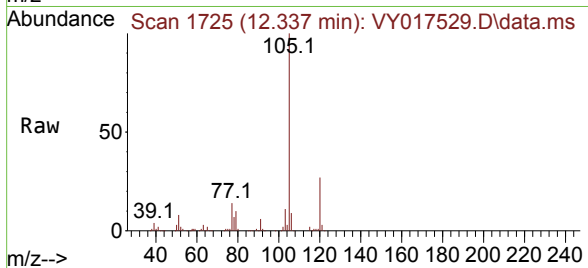
VY0229SBS01

Tgt Ion:105 Resp: 146902

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1



#74

N-ethyl acetate

Concen: 19.306 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Tgt Ion: 43 Resp: 21047

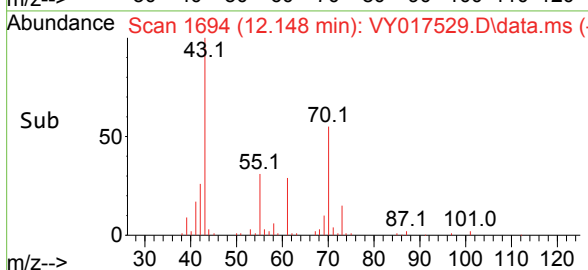
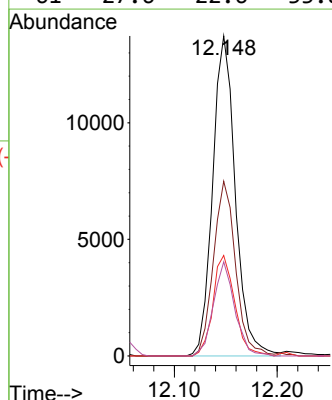
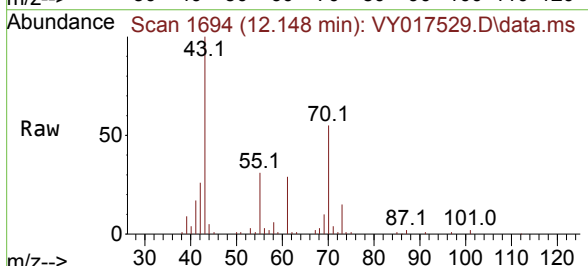
Ion Ratio Lower Upper

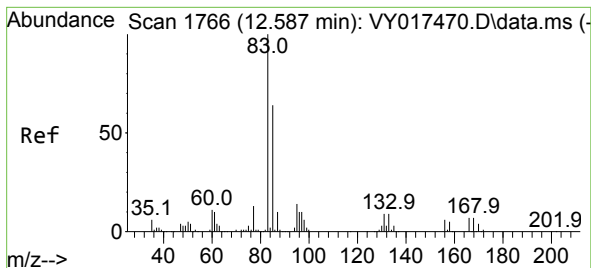
43 100

70 53.5 41.4 62.2

55 30.1 23.3 34.9

61 27.6 22.6 33.8





#75

1,1,2-Tetrachloroethane

Concen: 21.050 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

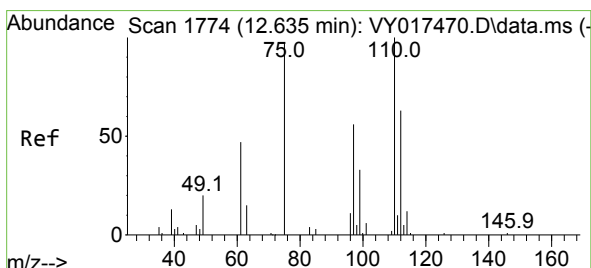
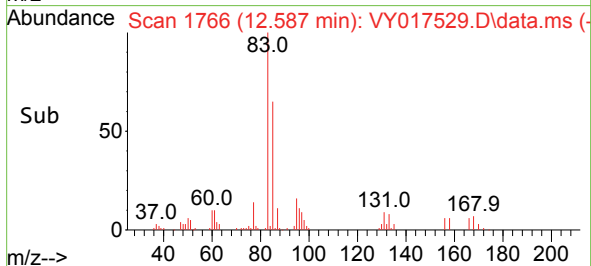
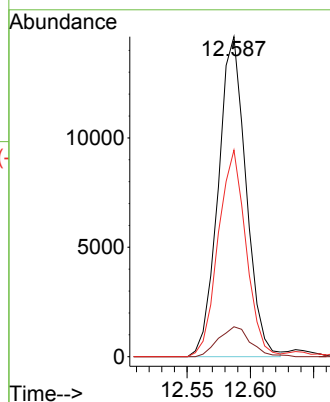
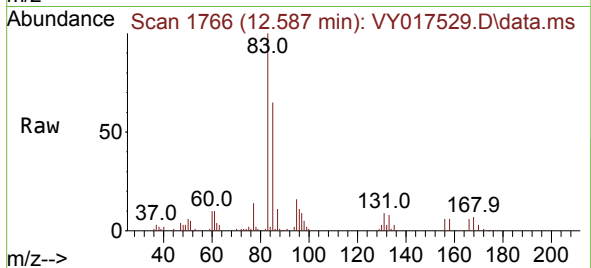
Tgt Ion: 83 Resp: 22343

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

85 64.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 36.051 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017529.D

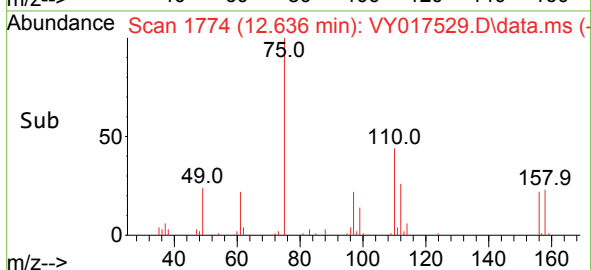
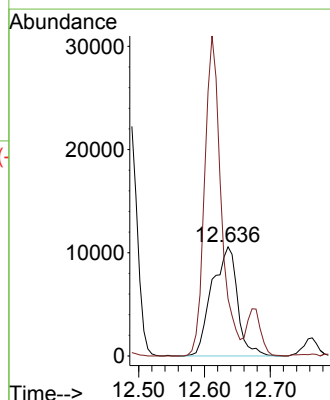
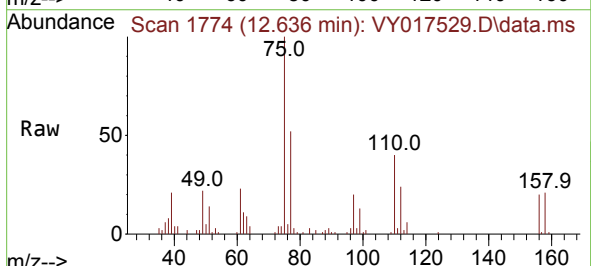
Acq: 29 Feb 2024 15:40

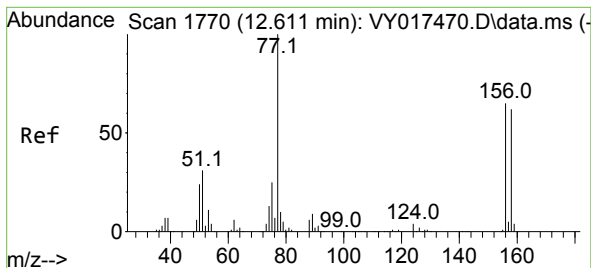
Tgt Ion: 75 Resp: 28498

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.554 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

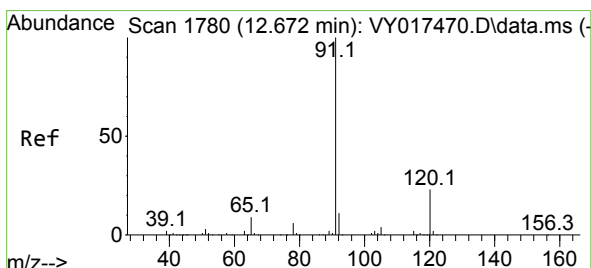
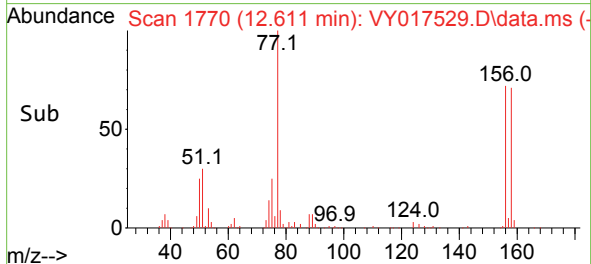
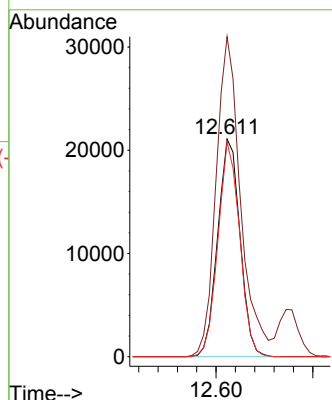
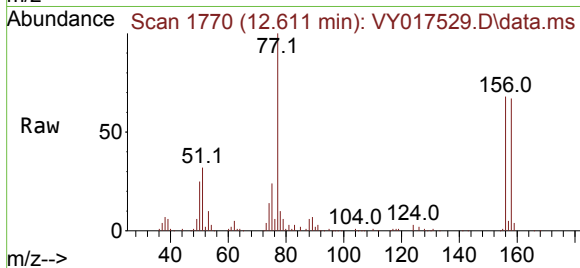
Tgt Ion:156 Resp: 33760

Ion Ratio Lower Upper

156 100

77 160.5 87.1 261.3

158 95.6 48.6 145.9



#78

n-propylbenzene

Concen: 24.542 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017529.D

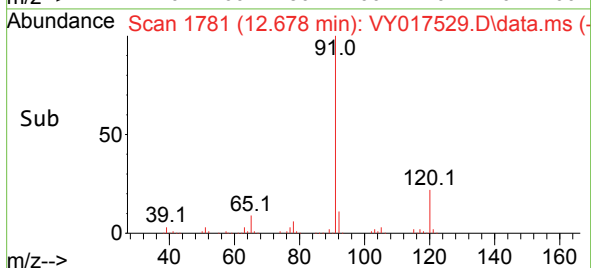
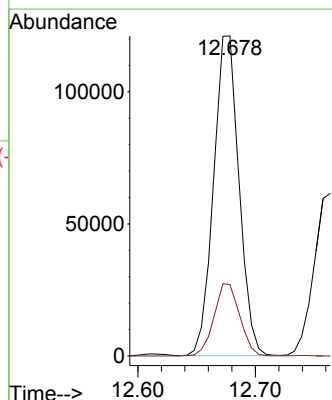
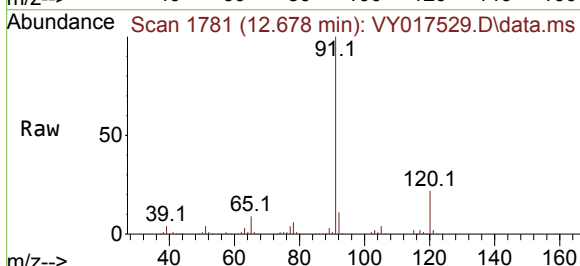
Acq: 29 Feb 2024 15:40

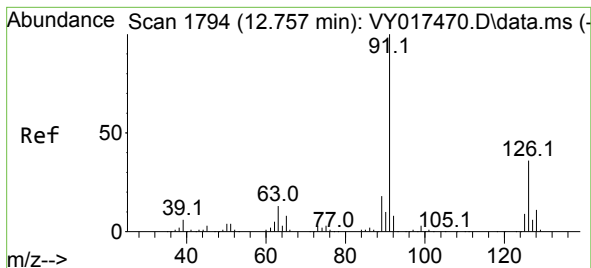
Tgt Ion: 91 Resp: 182018

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 23.148 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

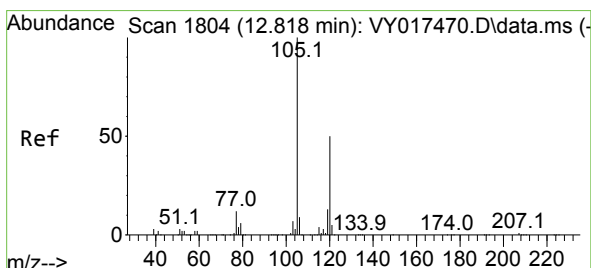
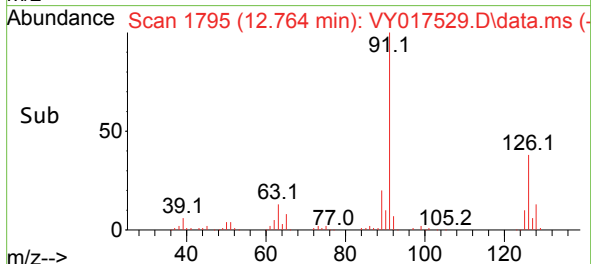
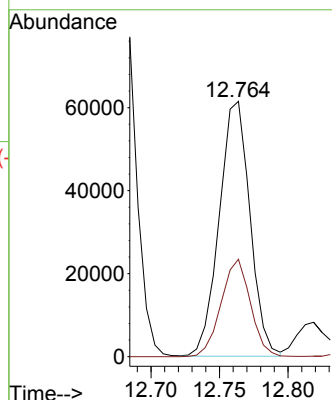
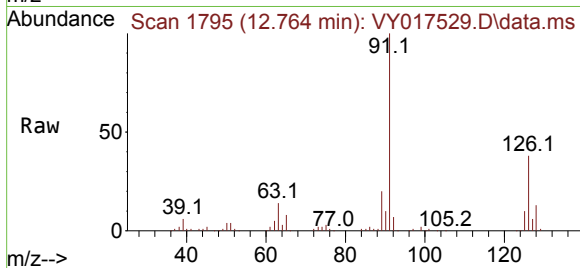
VY0229SBS01

Tgt Ion: 91 Resp: 96119

Ion Ratio Lower Upper

91 100

126 36.4 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 23.534 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017529.D

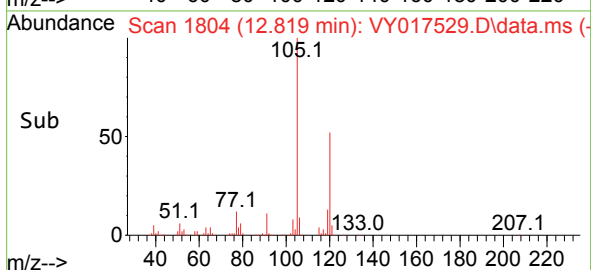
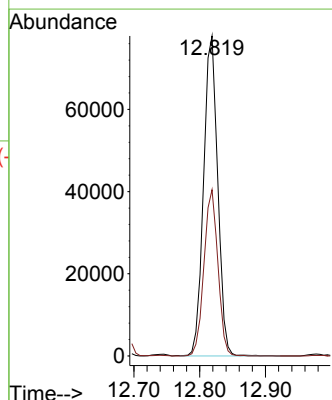
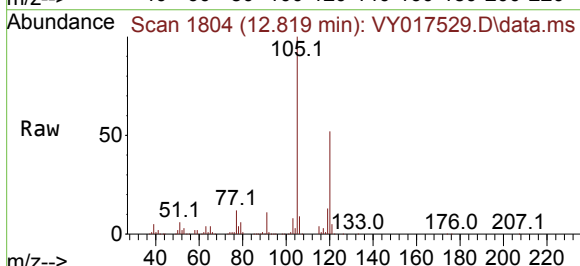
Acq: 29 Feb 2024 15:40

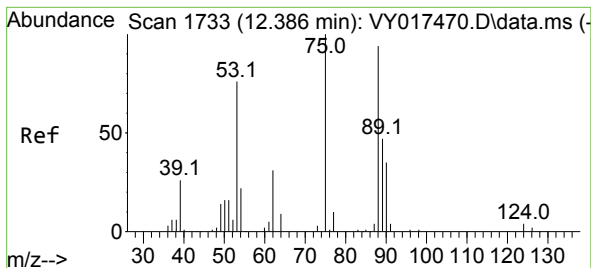
Tgt Ion:105 Resp: 116538

Ion Ratio Lower Upper

105 100

120 51.2 25.1 75.2

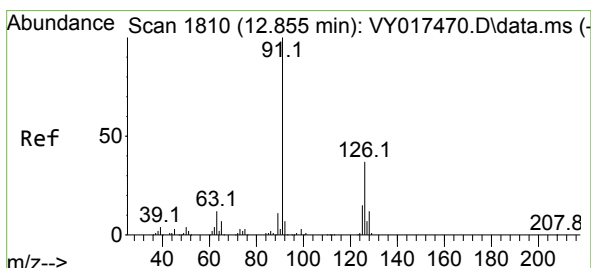
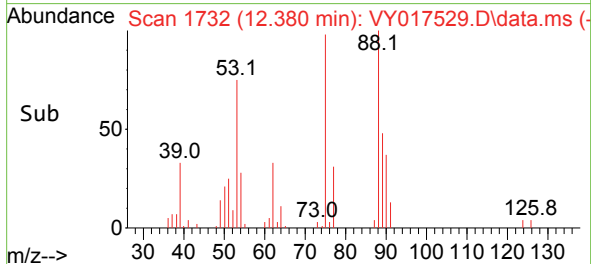
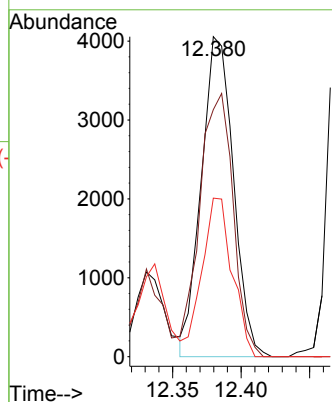
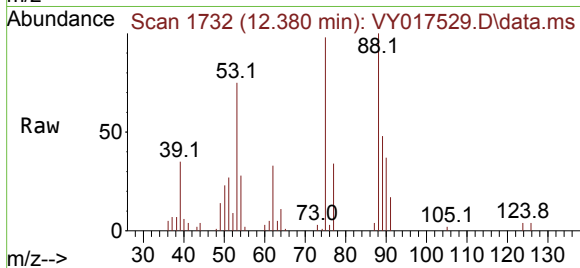




#81
trans-1,4-Dichloro-2-butene
Concen: 19.176 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

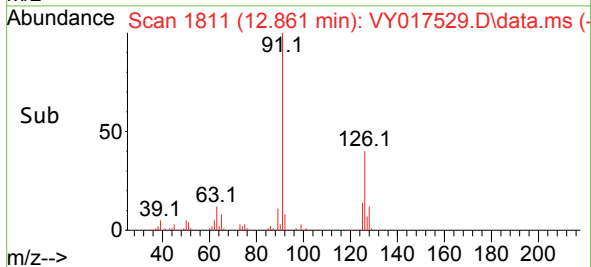
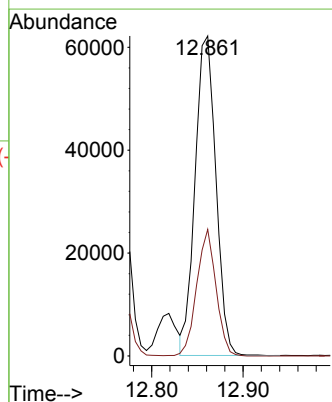
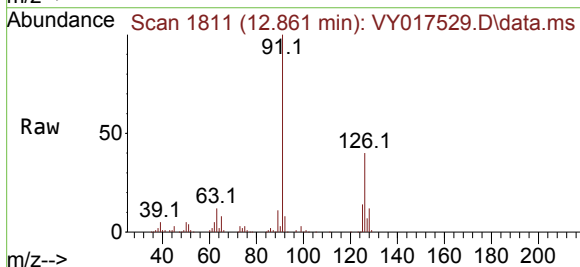
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

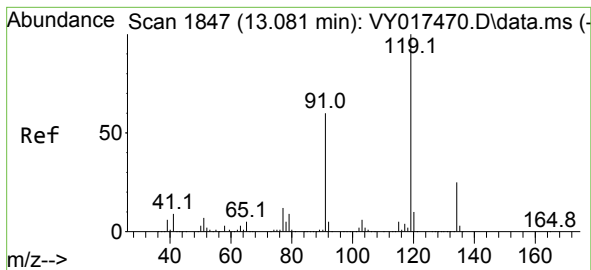
Tgt Ion: 75 Resp: 6597
Ion Ratio Lower Upper
75 100
53 86.8 66.8 100.2
89 47.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 23.141 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion: 91 Resp: 98282
Ion Ratio Lower Upper
91 100
126 36.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 23.948 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

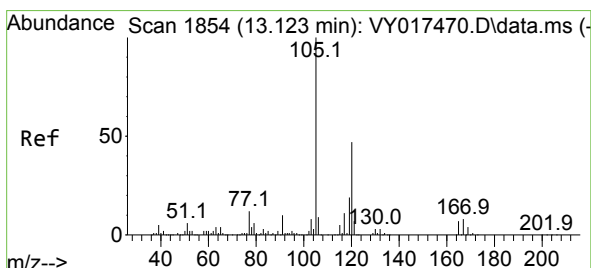
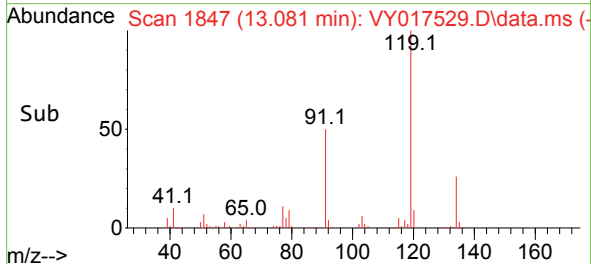
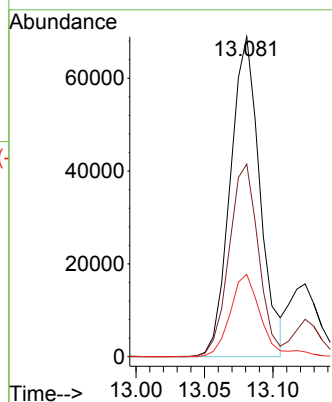
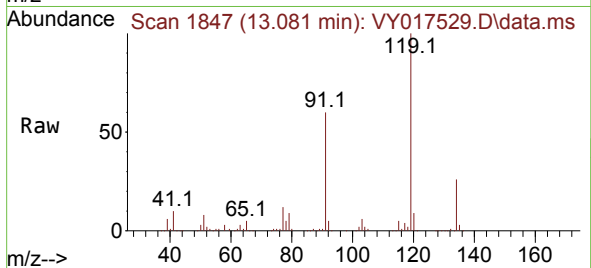
Tgt Ion:119 Resp: 104138

Ion Ratio Lower Upper

119 100

91 59.8 31.3 93.8

134 27.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 23.189 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017529.D

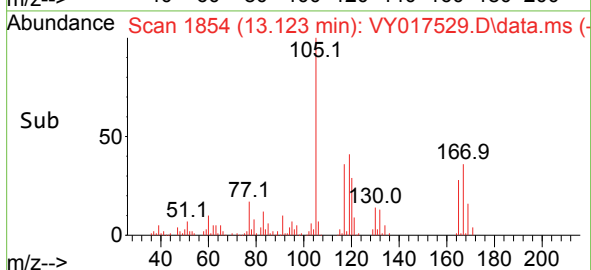
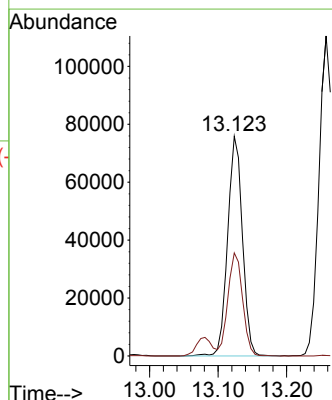
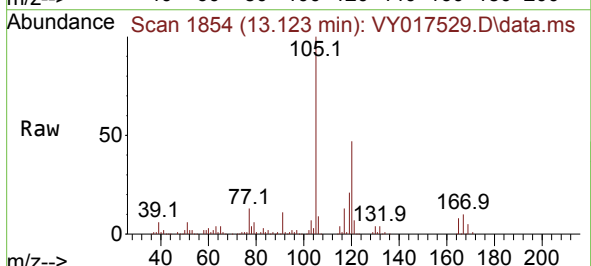
Acq: 29 Feb 2024 15:40

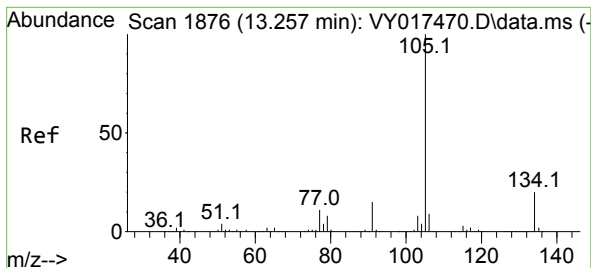
Tgt Ion:105 Resp: 113365

Ion Ratio Lower Upper

105 100

120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 24.364 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

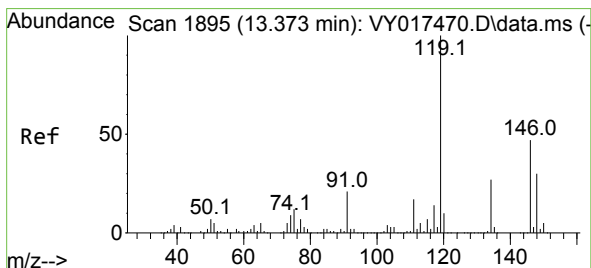
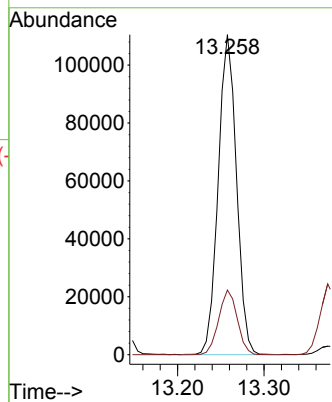
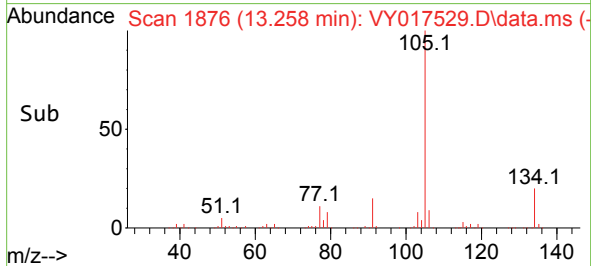
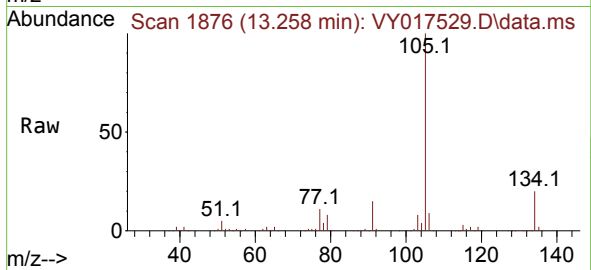
VY0229SBS01

Tgt Ion:105 Resp: 161978

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 23.709 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

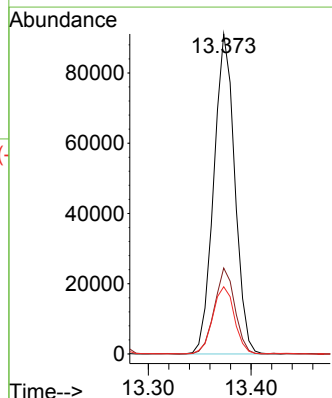
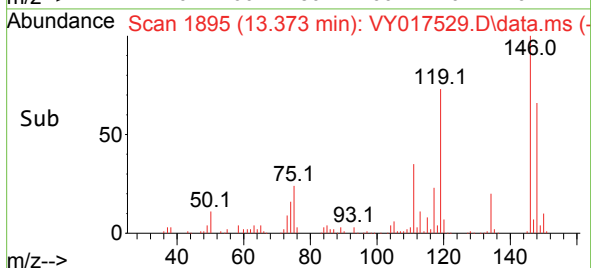
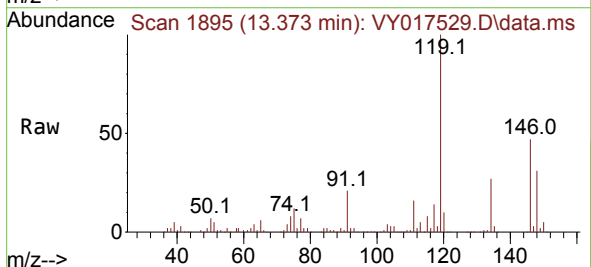
Tgt Ion:119 Resp: 129033

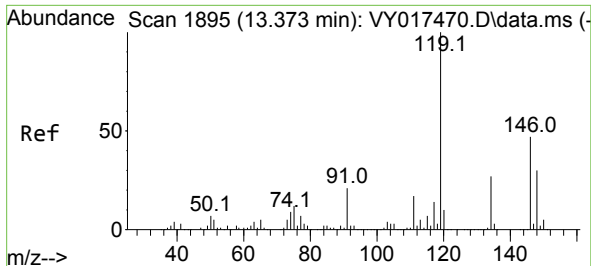
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 21.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 22.466 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

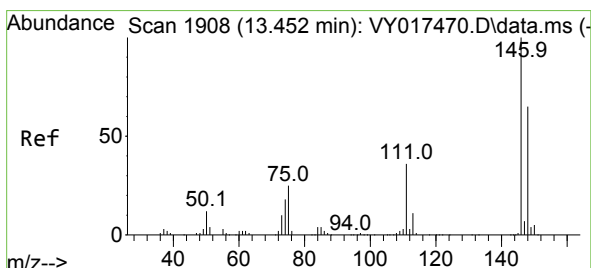
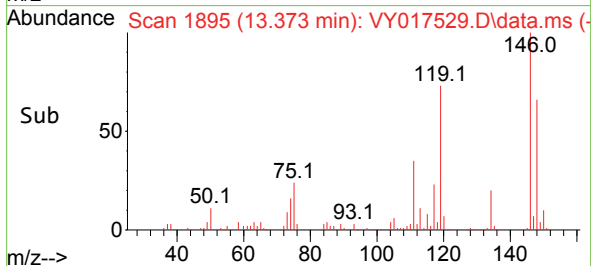
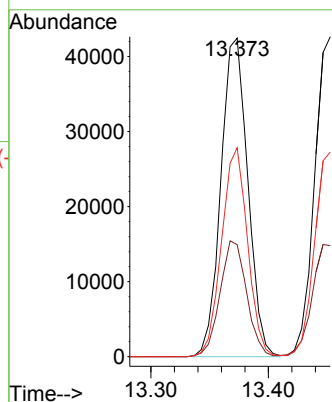
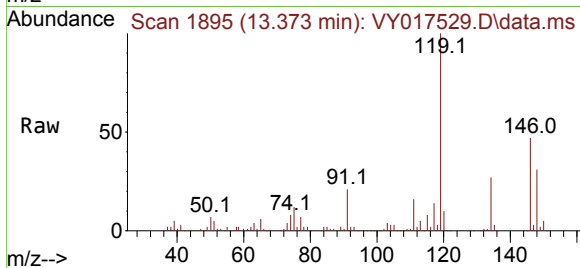
Tgt Ion:146 Resp: 67500

Ion Ratio Lower Upper

146 100

111 36.1 19.0 57.0

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 22.562 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

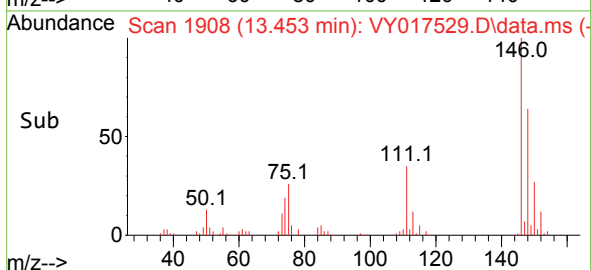
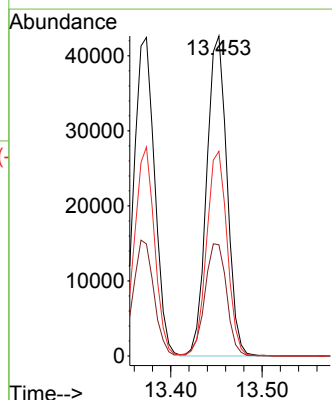
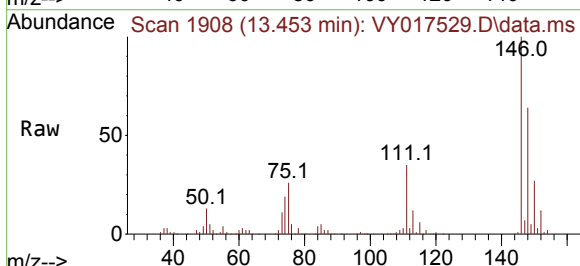
Tgt Ion:146 Resp: 65903

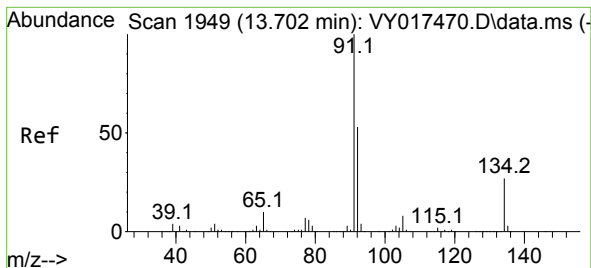
Ion Ratio Lower Upper

146 100

111 37.6 18.4 55.4

148 64.3 32.4 97.2





#89

n-Butylbenzene

Concen: 23.571 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

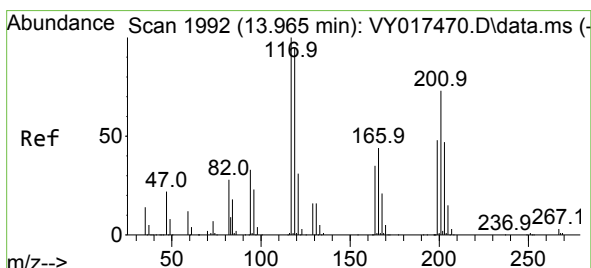
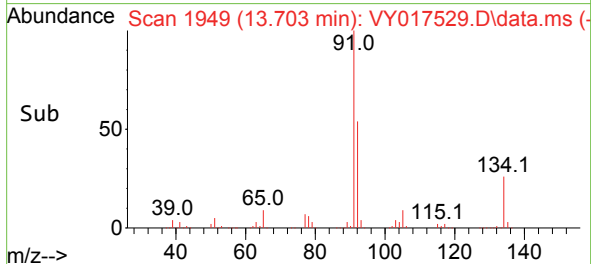
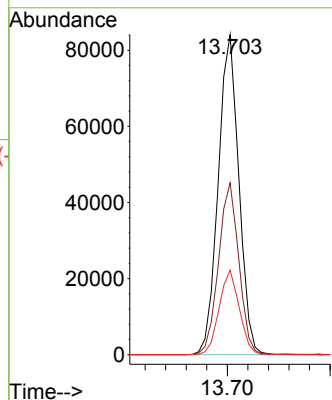
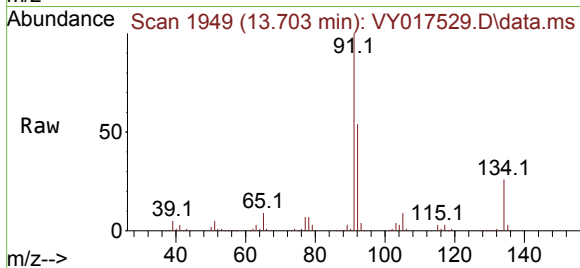
Tgt Ion: 91 Resp: 117038

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.7

134 25.8 12.9 38.7



#90

Hexachloroethane

Concen: 23.620 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017529.D

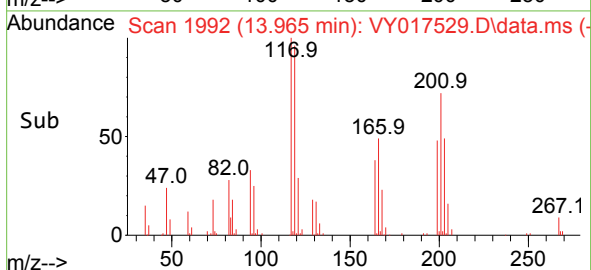
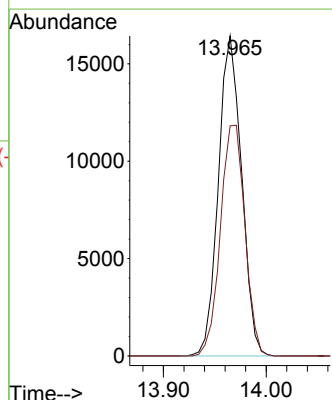
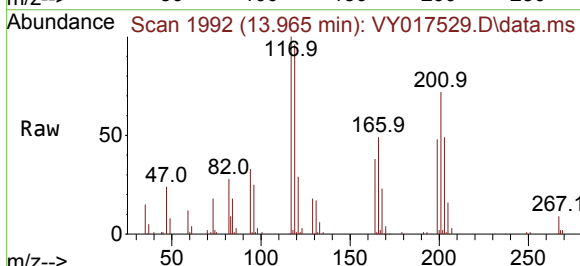
Acq: 29 Feb 2024 15:40

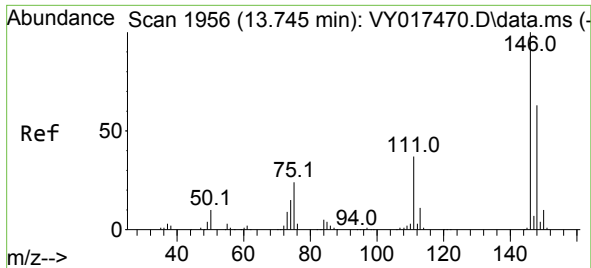
Tgt Ion: 117 Resp: 25771

Ion Ratio Lower Upper

117 100

201 76.0 37.4 112.2

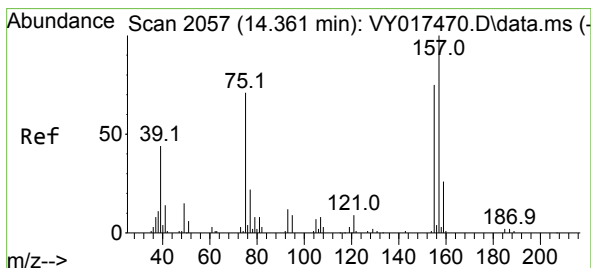
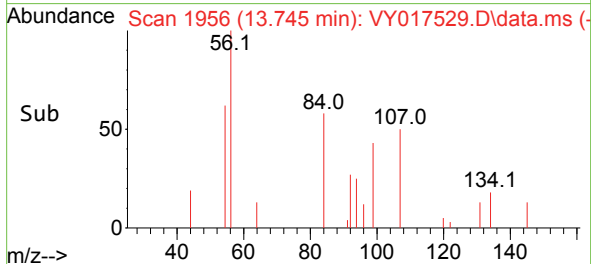
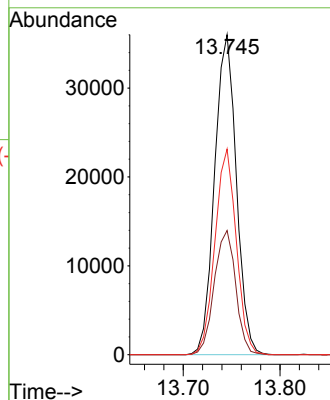
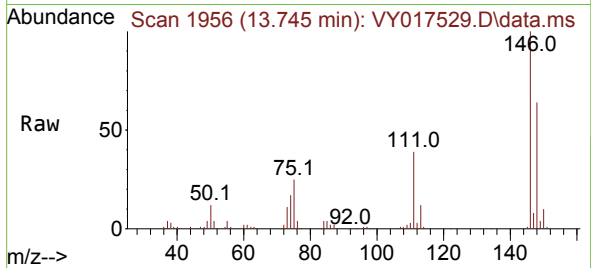




#91
1,2-Dichlorobenzene
Concen: 22.130 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

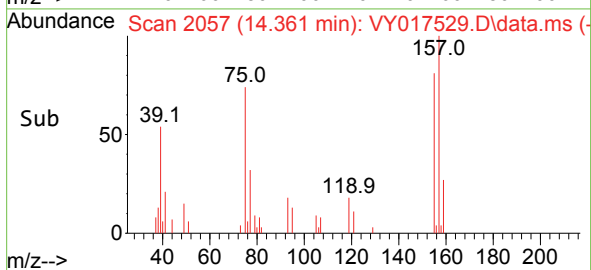
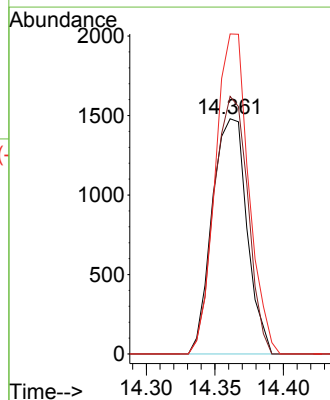
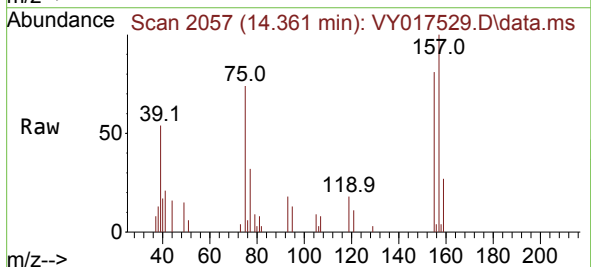
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

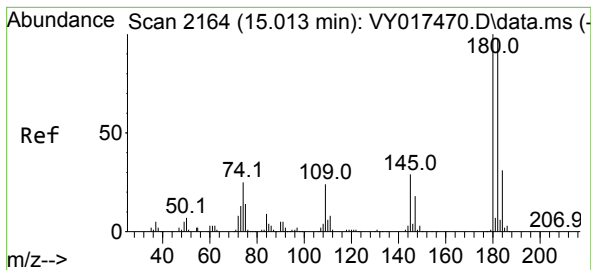
Tgt Ion:146 Resp: 56240
Ion Ratio Lower Upper
146 100
111 38.4 19.9 59.7
148 63.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.565 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion: 75 Resp: 2621
Ion Ratio Lower Upper
75 100
155 106.4 48.6 145.8
157 130.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.912 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

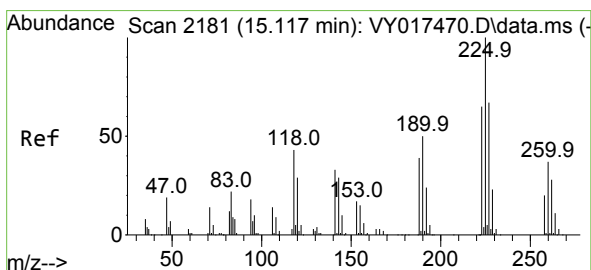
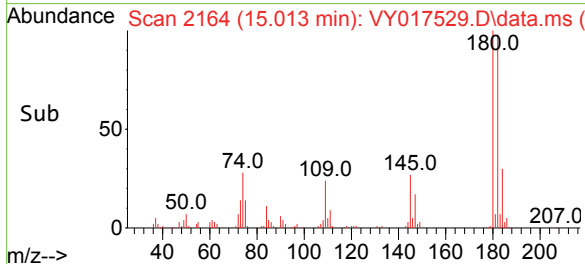
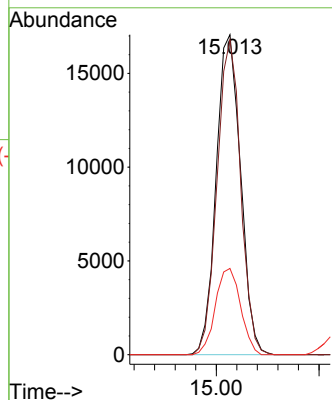
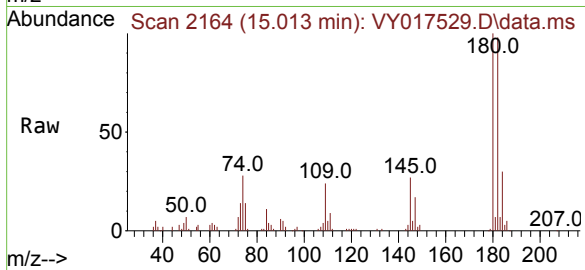
Tgt Ion:180 Resp: 28072

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.8

145 27.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 23.402 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017529.D

Acq: 29 Feb 2024 15:40

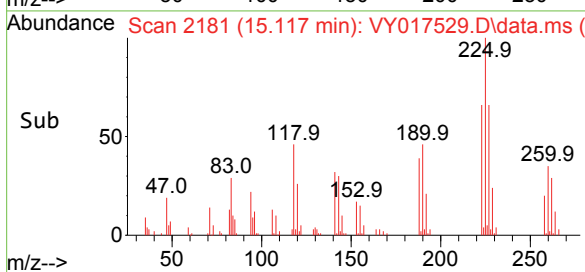
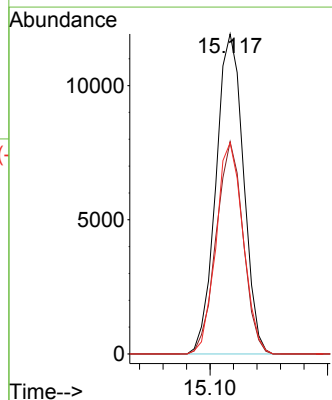
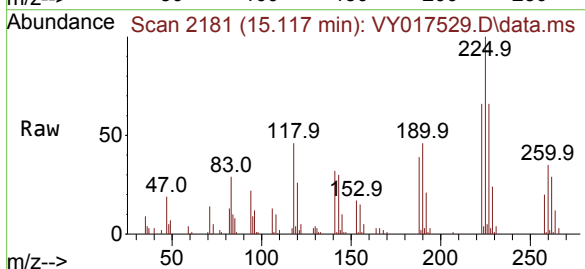
Tgt Ion:225 Resp: 19395

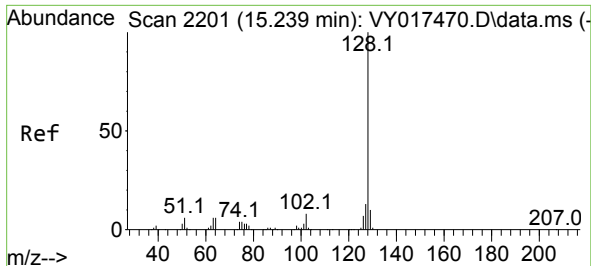
Ion Ratio Lower Upper

225 100

223 64.7 30.4 91.2

227 65.0 31.9 95.9

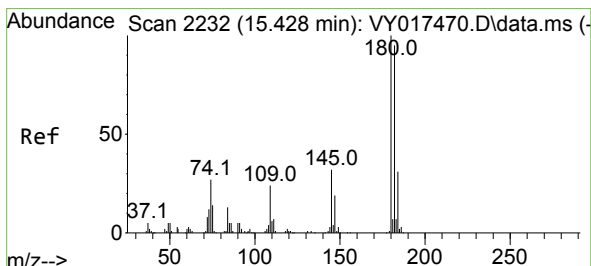
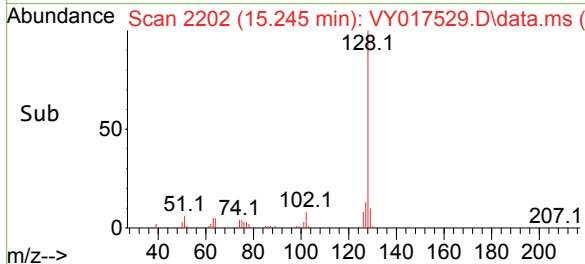
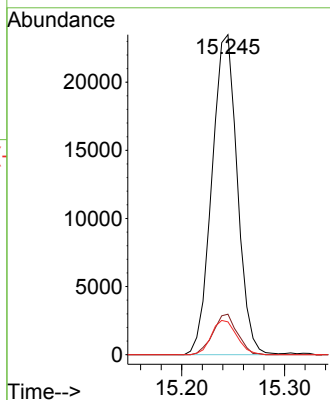
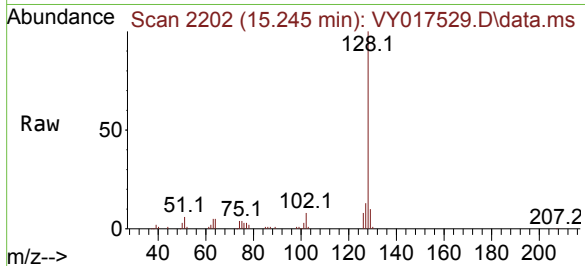




#95
Naphthalene
Concen: 18.181 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

Tgt Ion:128 Resp: 40260
Ion Ratio Lower Upper
128 100
127 12.1 10.6 16.0
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.202 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY017529.D
Acq: 29 Feb 2024 15:40

Tgt Ion:180 Resp: 23264
Ion Ratio Lower Upper
180 100
182 94.5 47.6 142.9
145 29.1 15.4 46.1

