

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012924\
 Data File : VY017129.D
 Acq On : 29 Jan 2024 12:31
 Operator : SY/MD
 Sample : VY0129SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

Quant Time: Jan 30 00:29:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	124693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	210163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	179859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	81213	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	63908	52.604	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.200%	
35) Dibromofluoromethane	7.734	113	65763	51.846	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.700%	
50) Toluene-d8	10.197	98	250084	52.200	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	12.495	95	77946	52.814	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.620%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	23069	22.493	ug/l	95
3) Chloromethane	2.125	50	34055	18.682	ug/l	98
4) Vinyl Chloride	2.266	62	40261	19.526	ug/l	97
5) Bromomethane	2.662	94	30355	20.412	ug/l	94
6) Chloroethane	2.808	64	26109	19.845	ug/l	93
7) Trichlorofluoromethane	3.137	101	44308	19.426	ug/l	100
8) Diethyl Ether	3.546	74	14689	20.446	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.918	101	28025	20.094	ug/l	100
10) Methyl Iodide	4.113	142	24338	18.368	ug/l	98
11) Tert butyl alcohol	4.985	59	10654	114.186	ug/l	97
12) 1,1-Dichloroethene	3.887	96	24391	19.105	ug/l	96
13) Acrolein	3.753	56	14604	100.232	ug/l	100
14) Allyl chloride	4.497	41	38120	19.754	ug/l	99
15) Acrylonitrile	5.192	53	32817	105.249	ug/l	99
16) Acetone	3.966	43	50874	139.754	ug/l	96
17) Carbon Disulfide	4.216	76	61554	15.996	ug/l	98
18) Methyl Acetate	4.497	43	25915	20.794	ug/l	97
19) Methyl tert-butyl Ether	5.247	73	63025	20.229	ug/l	98
20) Methylene Chloride	4.747	84	32833	20.751	ug/l	96
21) trans-1,2-Dichloroethene	5.241	96	27651	18.724	ug/l	99
22) Diisopropyl ether	6.143	45	90072	21.146	ug/l	97
23) Vinyl Acetate	6.082	43	215597	104.342	ug/l	99
24) 1,1-Dichloroethane	6.045	63	53248	20.495	ug/l	99
25) 2-Butanone	7.002	43	60800	125.734	ug/l	97
26) 2,2-Dichloropropane	7.002	77	43831	19.752	ug/l	100
27) cis-1,2-Dichloroethene	7.009	96	32828	20.060	ug/l	100
28) Bromochloromethane	7.350	49	21475	20.762	ug/l	100
29) Tetrahydrofuran	7.368	42	26737	108.532	ug/l	98
30) Chloroform	7.527	83	54600	20.638	ug/l	97
31) Cyclohexane	7.801	56	43629	18.244	ug/l	98
32) 1,1,1-Trichloroethane	7.722	97	45666	20.130	ug/l	98
36) 1,1-Dichloropropene	7.935	75	39981	19.157	ug/l	100
37) Ethyl Acetate	7.100	43	19624	21.868	ug/l	99
38) Carbon Tetrachloride	7.923	117	39270	19.202	ug/l	97
39) Methylcyclohexane	9.197	83	44504	17.730	ug/l	97
40) Benzene	8.179	78	119575	19.729	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	8708	18.144	ug/l #	85
42) 1,2-Dichloroethane	8.252	62	31779	20.225	ug/l	100
43) Isopropyl Acetate	8.289	43	35493	21.187	ug/l	98
44) Trichloroethene	8.959	130	30584	19.675	ug/l	88
45) 1,2-Dichloropropane	9.234	63	31638	21.268	ug/l	99
46) Dibromomethane	9.319	93	16254	20.574	ug/l	98
47) Bromodichloromethane	9.514	83	41343	20.570	ug/l	97
48) Methyl methacrylate	9.307	41	19191	20.632	ug/l	99
49) 1,4-Dioxane	9.313	88	3496	449.931	ug/l	96
51) 4-Methyl-2-Pentanone	10.087	43	97509	109.420	ug/l	100
52) Toluene	10.258	92	73181	19.949	ug/l	98
53) t-1,3-Dichloropropene	10.477	75	37701	20.533	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	45564	20.177	ug/l	99
55) 1,1,2-Trichloroethane	10.660	97	23158	20.973	ug/l	99
56) Ethyl methacrylate	10.526	69	19146	19.828	ug/l	96
57) 1,3-Dichloropropane	10.807	76	38767	20.766	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	74103	110.559	ug/l	99
59) 2-Hexanone	10.849	43	83948	123.478	ug/l	100
60) Dibromochloromethane	11.002	129	26405	20.583	ug/l	99
61) 1,2-Dibromoethane	11.105	107	20353	20.291	ug/l	98
64) Tetrachloroethene	10.740	164	24832	19.808	ug/l	94
65) Chlorobenzene	11.532	112	77262	20.271	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	28604	20.546	ug/l	98
67) Ethyl Benzene	11.605	91	137359	19.824	ug/l	99
68) m/p-Xylenes	11.715	106	103157	39.626	ug/l	98
69) o-Xylene	12.044	106	47041	19.893	ug/l	100
70) Styrene	12.063	104	70484	20.531	ug/l	99
71) Bromoform	12.221	173	14594	20.905	ug/l #	97
73) Isopropylbenzene	12.343	105	130067	19.482	ug/l	100
74) N-amyl acetate	12.160	43	27882	20.719	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.599	83	27124	21.306	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	31709	32.167	ug/l #	100
77) Bromobenzene	12.623	156	28826	19.954	ug/l	100
78) n-propylbenzene	12.684	91	160647	20.005	ug/l	100
79) 2-Chlorotoluene	12.770	91	87921	19.952	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	104008	19.684	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	7673	20.151	ug/l	96
82) 4-Chlorotoluene	12.867	91	91822	20.106	ug/l	99
83) tert-Butylbenzene	13.087	119	92217	20.177	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	104544	19.907	ug/l	99
85) sec-Butylbenzene	13.270	105	134357	19.853	ug/l	99
86) p-Isopropyltoluene	13.385	119	112509	19.958	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	56942	19.964	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	56317	20.068	ug/l	99
89) n-Butylbenzene	13.709	91	107761	19.819	ug/l	98
90) Hexachloroethane	13.977	117	23155	19.707	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	48958	20.100	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3243	19.945	ug/l	95
93) 1,2,4-Trichlorobenzene	15.025	180	24607	19.333	ug/l	98
94) Hexachlorobutadiene	15.129	225	14865	19.405	ug/l	99
95) Naphthalene	15.251	128	42022	18.692	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	20185	19.061	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

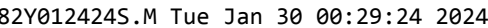
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MSVOA_Y
ClientSampleId :
VY0129SBSD01

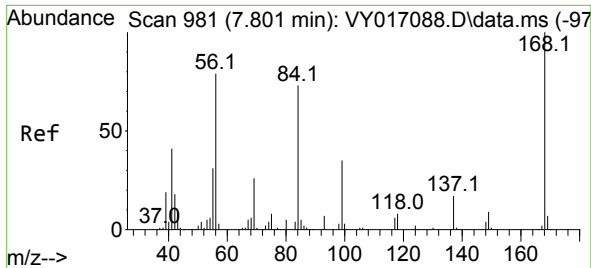
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Response via : Initial Calibration

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

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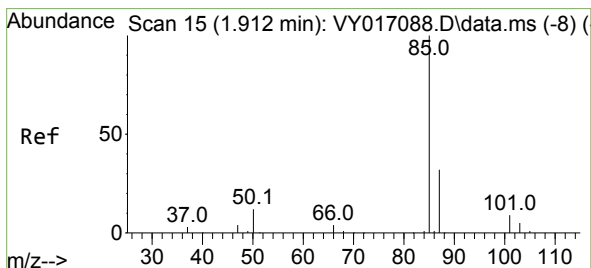
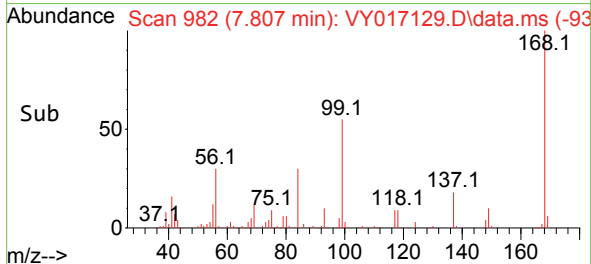
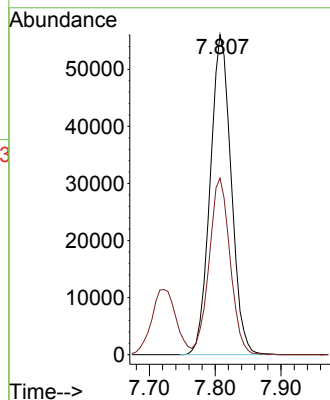
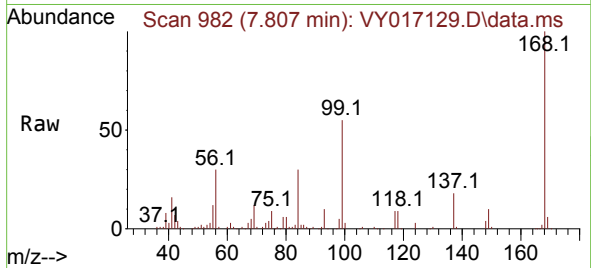




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

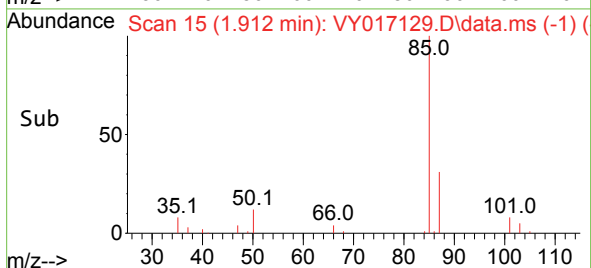
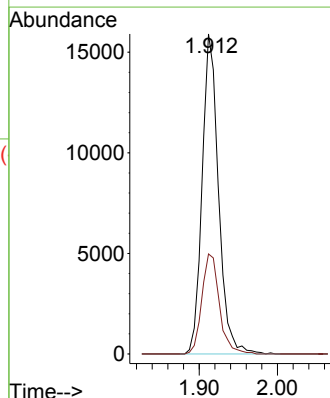
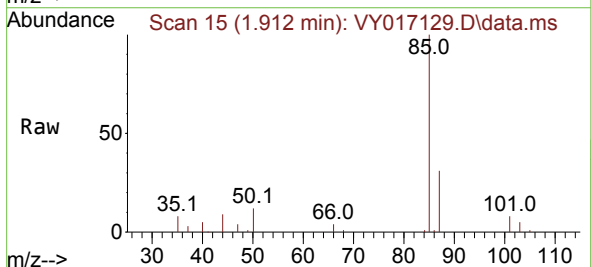
Instrument :
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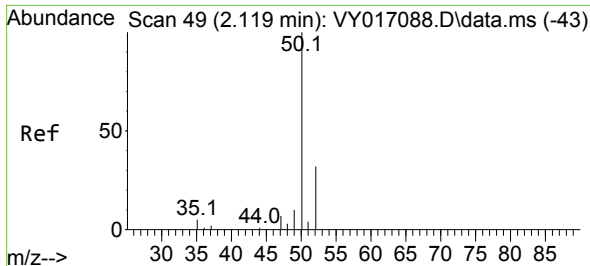
Tgt Ion:168 Resp: 124693
Ion Ratio Lower Upper
168 100
99 55.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 22.493 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion: 85 Resp: 23069
Ion Ratio Lower Upper
85 100
87 31.3 17.1 51.3

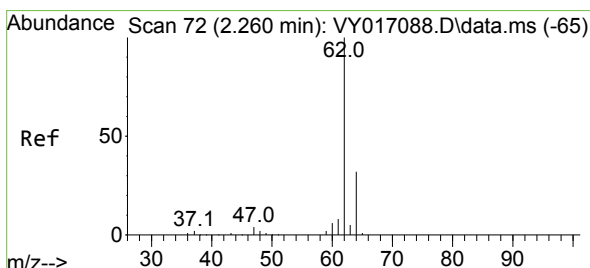
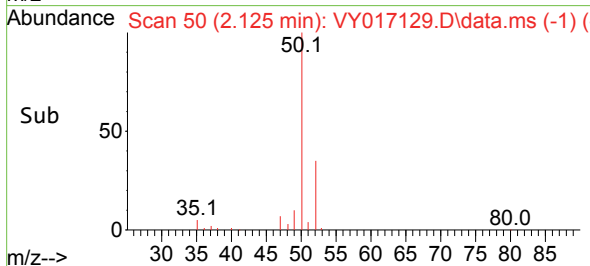
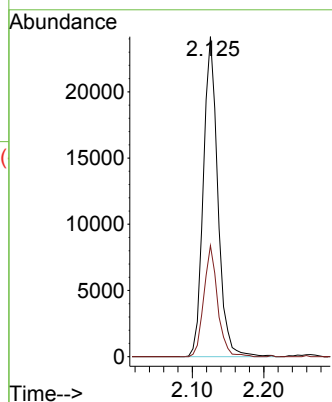
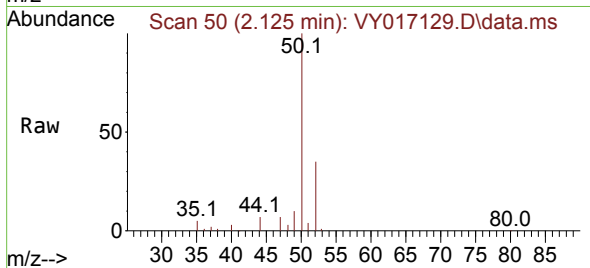




#3
Chloromethane
Concen: 18.682 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

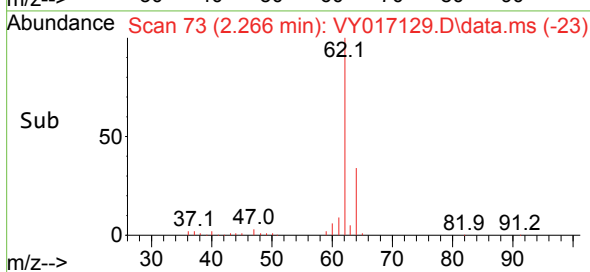
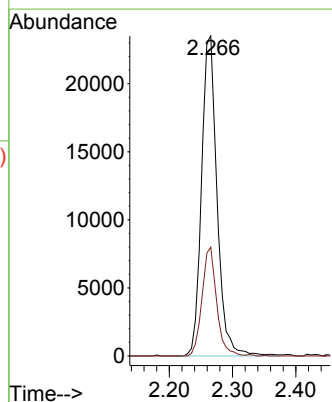
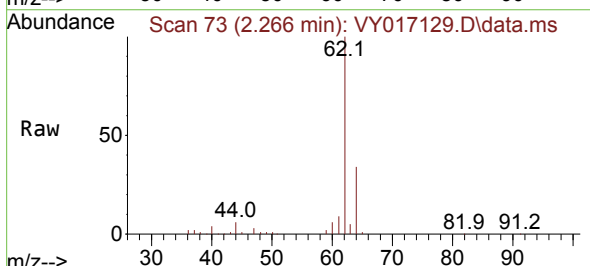
Instrument :
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ClientSampleId :
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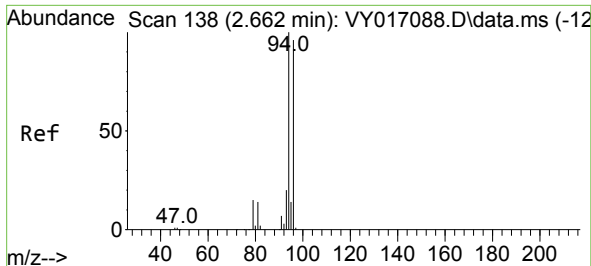
Tgt Ion: 50 Resp: 34055
Ion Ratio Lower Upper
50 100
52 34.7 26.7 40.1



#4
Vinyl Chloride
Concen: 19.526 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.007 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion: 62 Resp: 40261
Ion Ratio Lower Upper
62 100
64 34.0 25.7 38.5

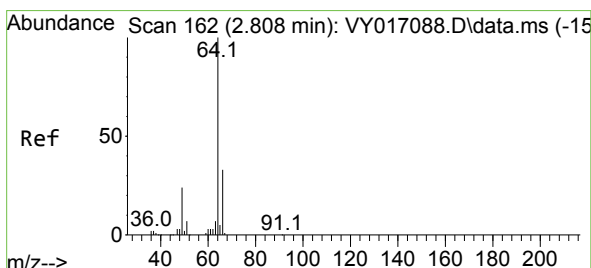
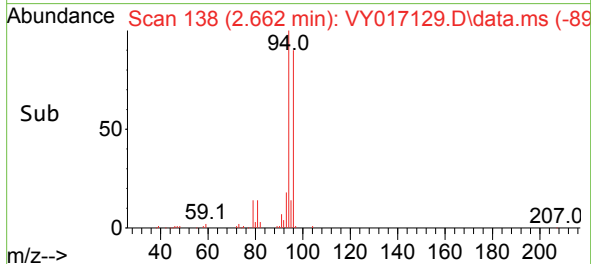
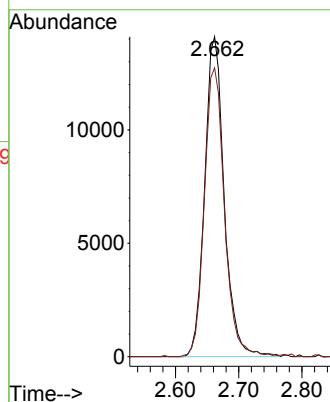
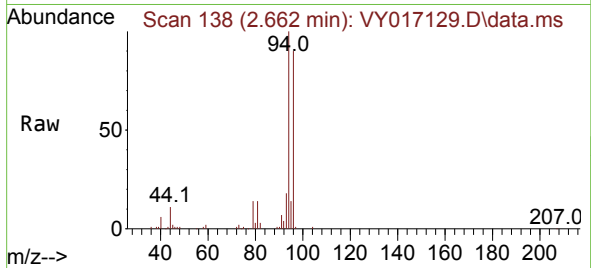




#5
Bromomethane
Concen: 20.412 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

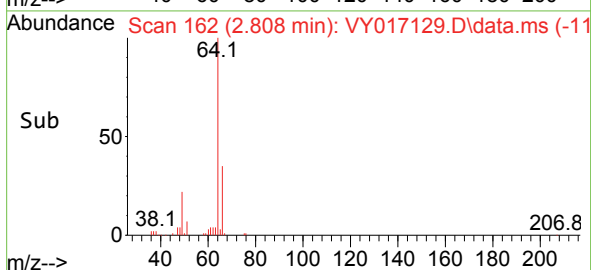
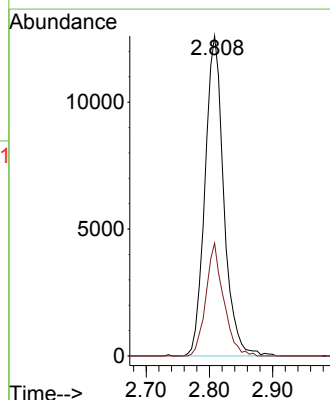
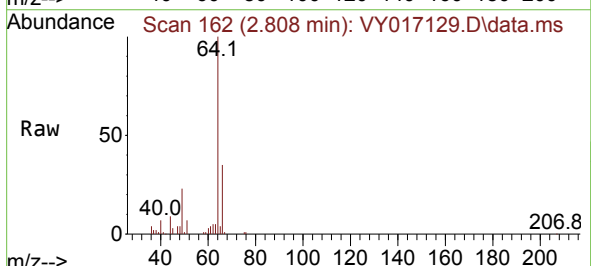
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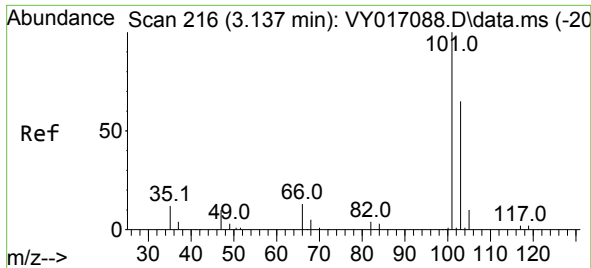
Tgt Ion: 94 Resp: 30355
Ion Ratio Lower Upper
94 100
96 90.3 77.3 115.9



#6
Chloroethane
Concen: 19.845 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion: 64 Resp: 26109
Ion Ratio Lower Upper
64 100
66 35.3 25.1 37.7

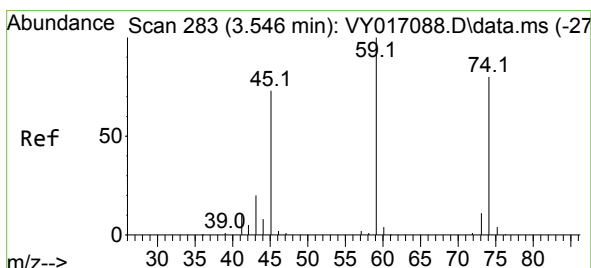
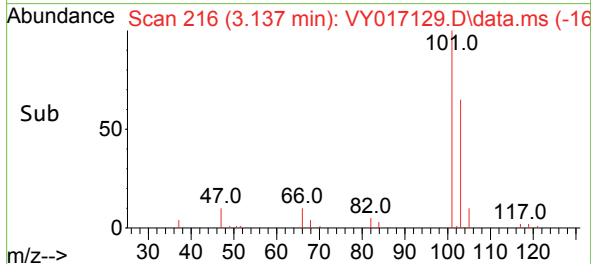
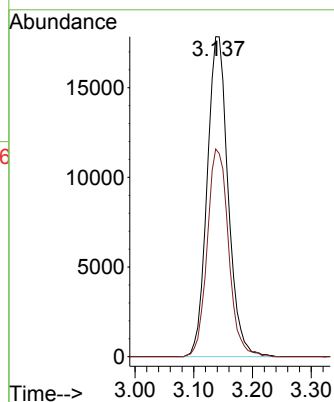
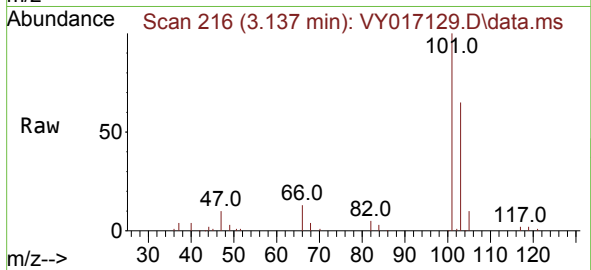




#7
 Trichlorofluoromethane
 Concen: 19.426 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY017129.D
 Acq: 29 Jan 2024 12:31

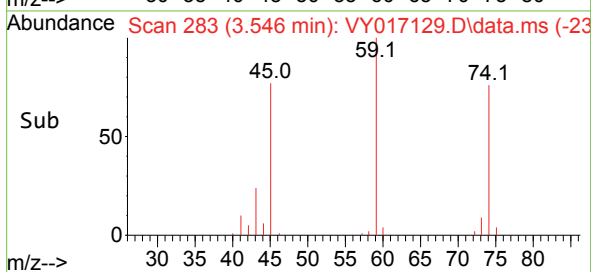
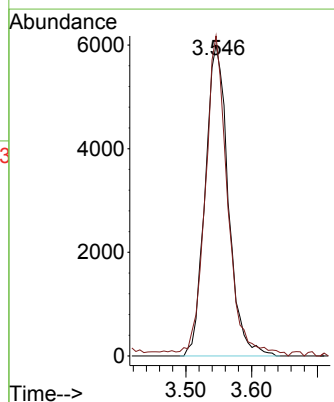
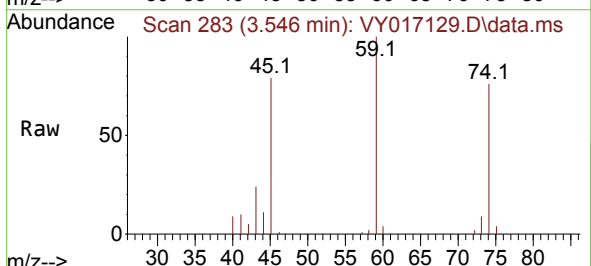
Instrument :
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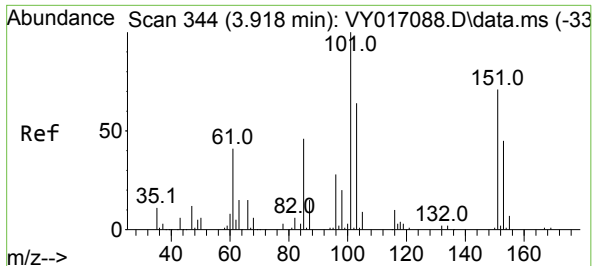
Tgt Ion:101 Resp: 44308
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.446 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY017129.D
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Tgt Ion: 74 Resp: 14689
 Ion Ratio Lower Upper
 74 100
 45 99.8 47.9 143.7

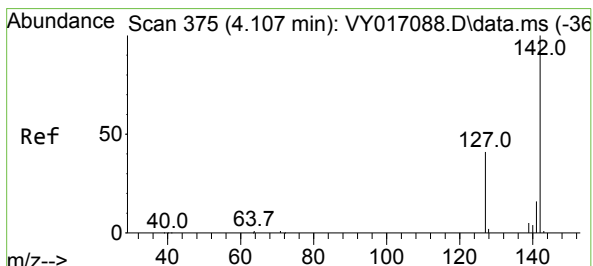
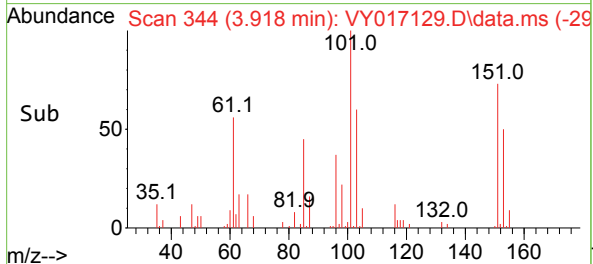
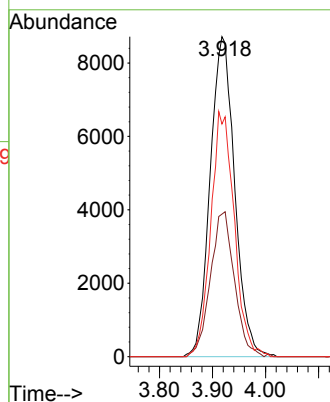
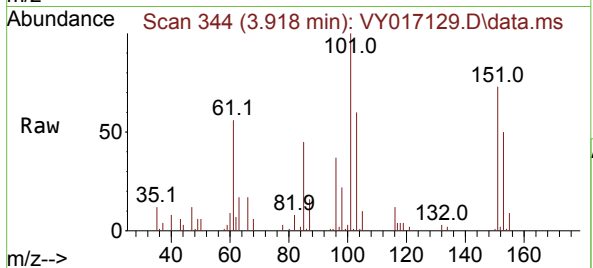




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.094 ug/l
 RT: 3.918 min Scan# 344
 Delta R.T. 0.007 min
 Lab File: VY017129.D
 Acq: 29 Jan 2024 12:31

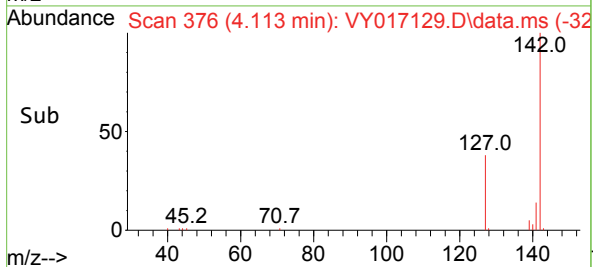
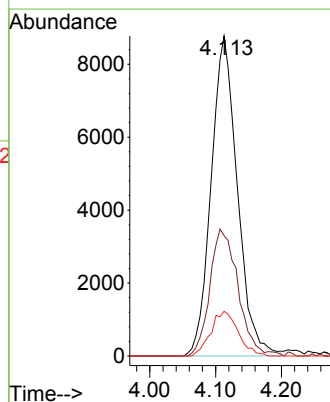
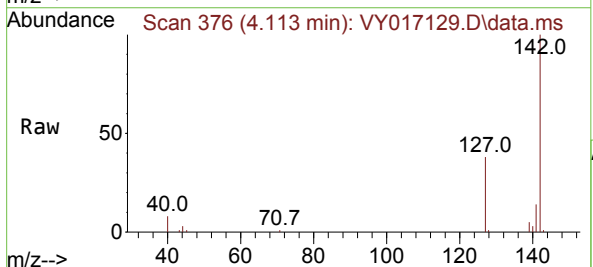
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

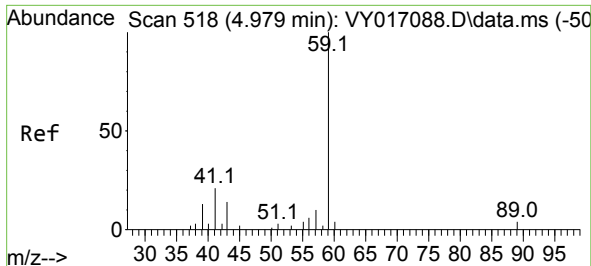
Tgt Ion:	101	Resp:	28025
Ion	Ratio	Lower	Upper
101	100		
85	44.3	35.8	53.6
151	73.3	58.6	88.0



#10
 Methyl Iodide
 Concen: 18.368 ug/l
 RT: 4.113 min Scan# 376
 Delta R.T. 0.007 min
 Lab File: VY017129.D
 Acq: 29 Jan 2024 12:31

Tgt Ion:	142	Resp:	24338
Ion	Ratio	Lower	Upper
142	100		
127	42.6	35.1	52.7
141	14.6	11.8	17.6

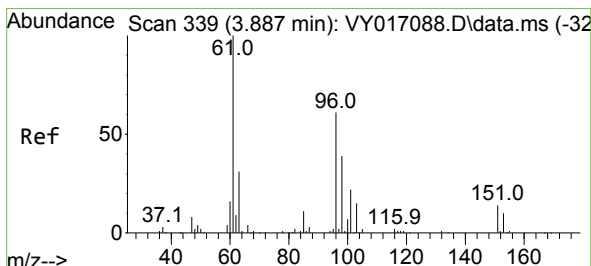
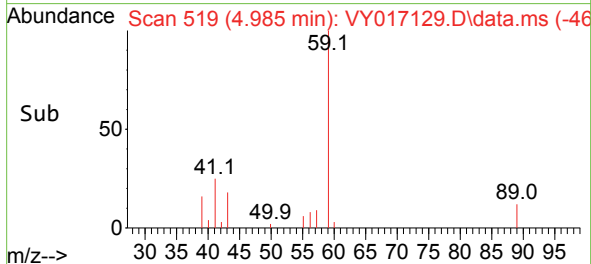
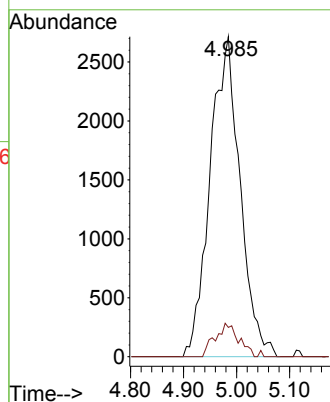
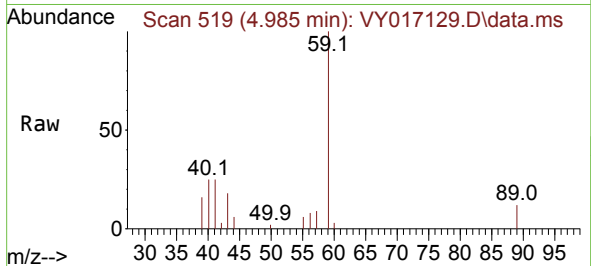




#11
Tert butyl alcohol
Concen: 114.186 ug/l
RT: 4.985 min Scan# 518
Delta R.T. 0.019 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

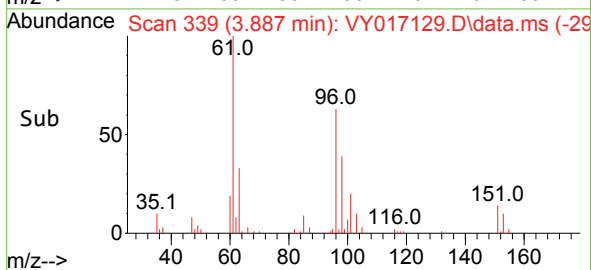
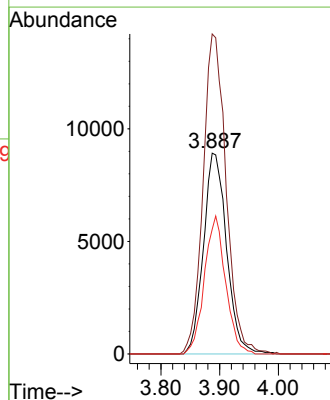
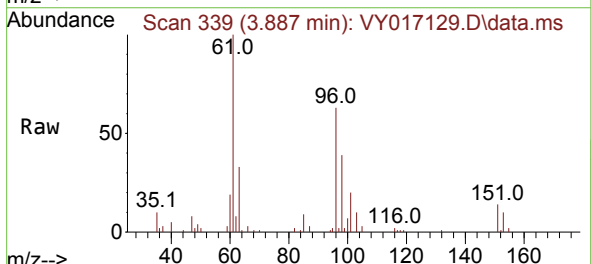
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

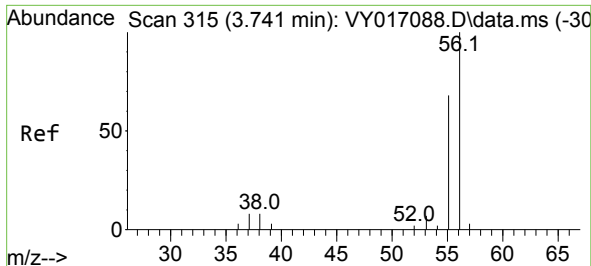
Tgt Ion: 59 Resp: 10654
Ion Ratio Lower Upper
59 100
57 8.2 7.4 11.0



#12
1,1-Dichloroethene
Concen: 19.105 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion: 96 Resp: 24391
Ion Ratio Lower Upper
96 100
61 159.4 124.2 186.2
98 62.1 52.6 79.0





#13

Acrolein

Concen: 100.232 ug/l

RT: 3.753 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

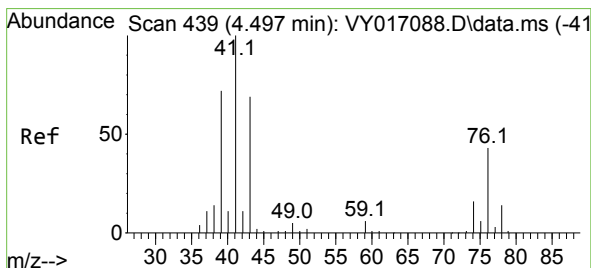
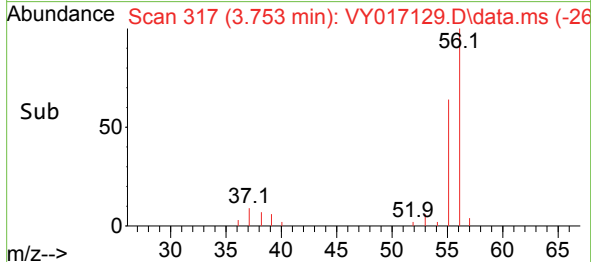
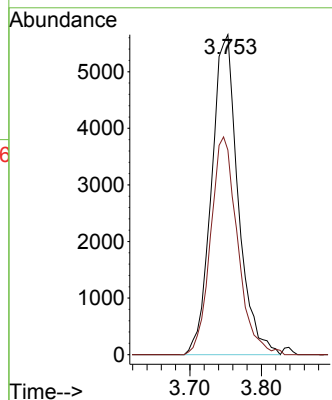
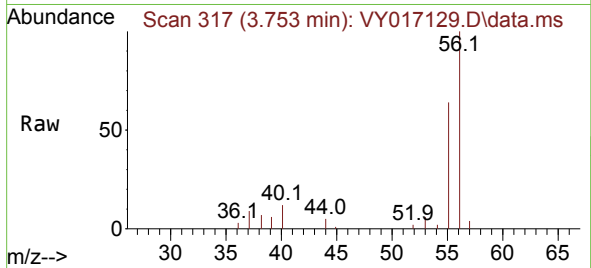
VY0129SBS01

Tgt Ion: 56 Resp: 14604

Ion Ratio Lower Upper

56 100

55 69.1 55.4 83.0



#14

Allyl chloride

Concen: 19.754 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

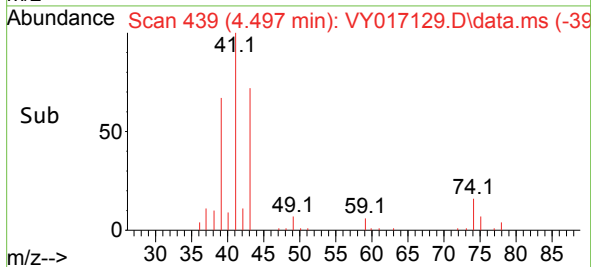
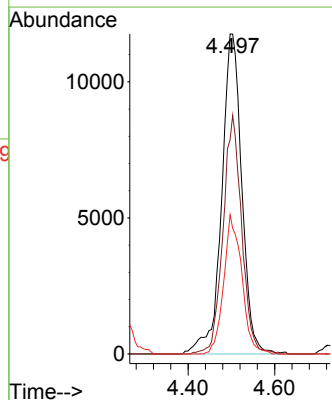
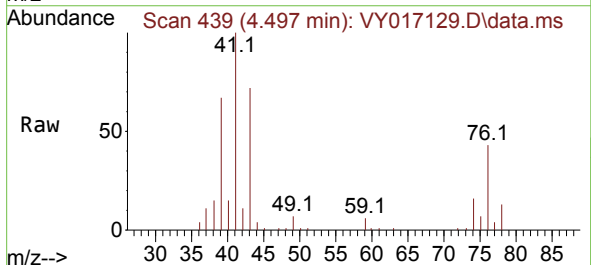
Tgt Ion: 41 Resp: 38120

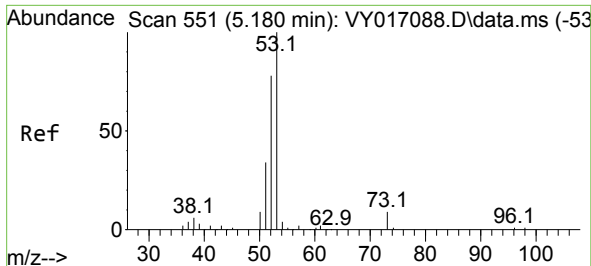
Ion Ratio Lower Upper

41 100

39 69.0 54.7 82.1

76 38.9 31.8 47.6

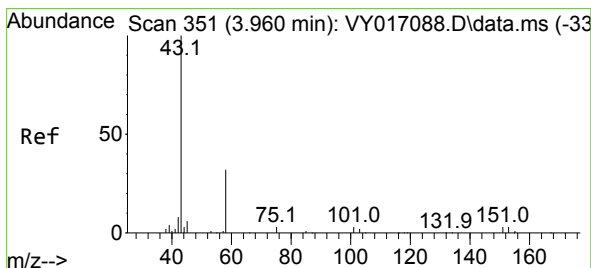
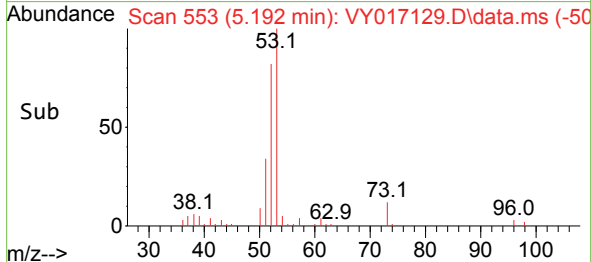
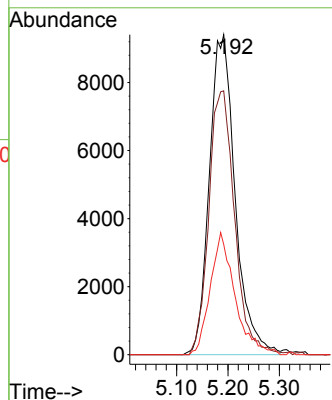
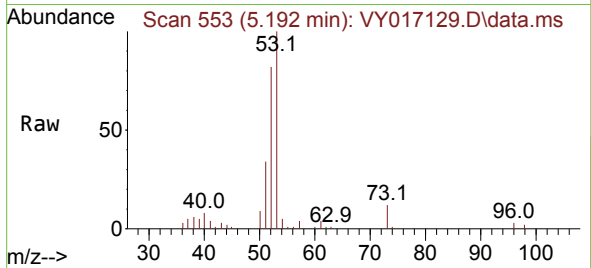




#15
Acrylonitrile
Concen: 105.249 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

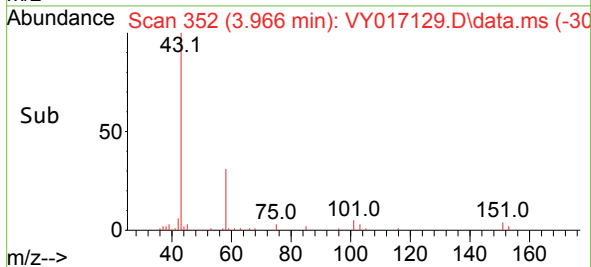
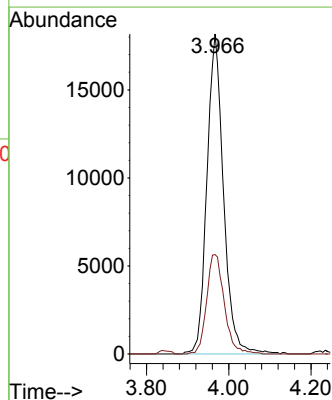
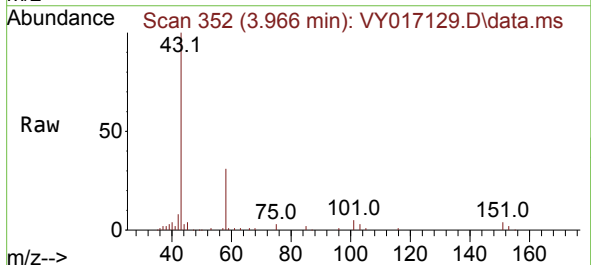
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBSD01

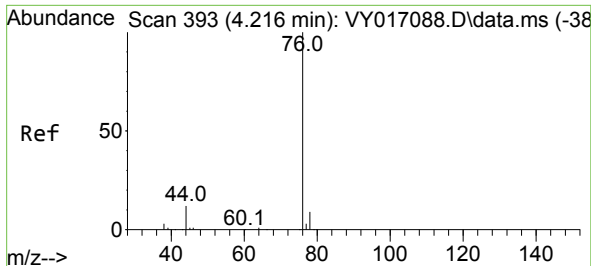
Tgt Ion: 53 Resp: 32817
Ion Ratio Lower Upper
53 100
52 82.7 65.1 97.7
51 36.7 29.0 43.4



#16
Acetone
Concen: 139.754 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion: 43 Resp: 50874
Ion Ratio Lower Upper
43 100
58 31.0 26.6 39.8





#17

Carbon Disulfide

Concen: 15.996 ug/l

RT: 4.216 min Scan# 393

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

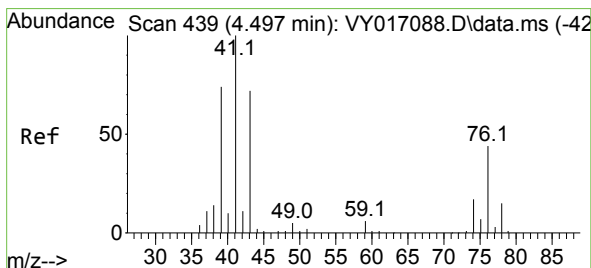
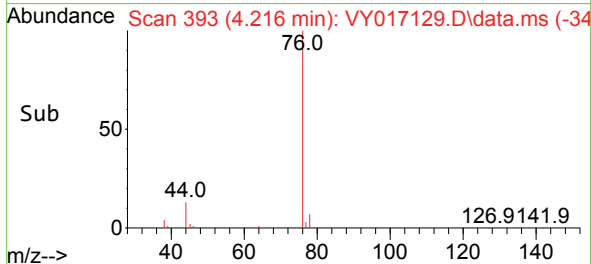
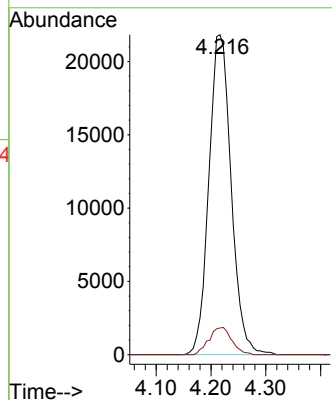
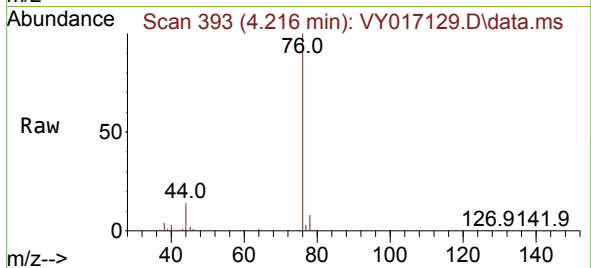
VY0129SBSD01

Tgt Ion: 76 Resp: 61554

Ion Ratio Lower Upper

76 100

78 8.3 7.4 11.0



#18

Methyl Acetate

Concen: 20.794 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY017129.D

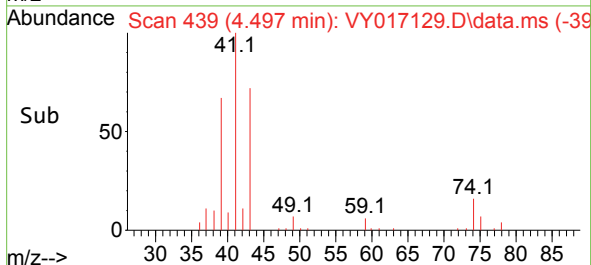
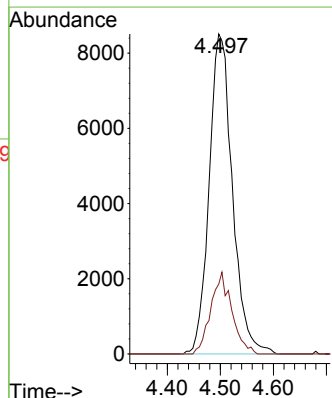
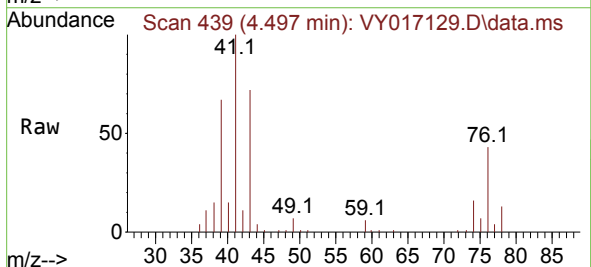
Acq: 29 Jan 2024 12:31

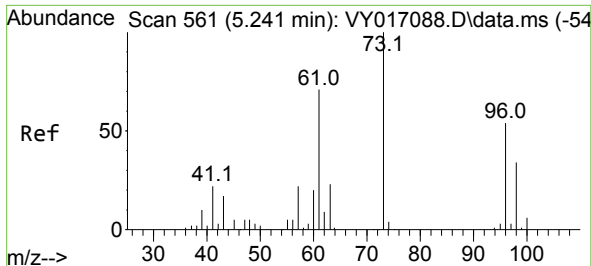
Tgt Ion: 43 Resp: 25915

Ion Ratio Lower Upper

43 100

74 23.1 19.8 29.6

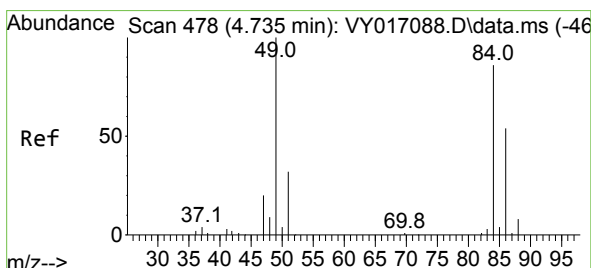
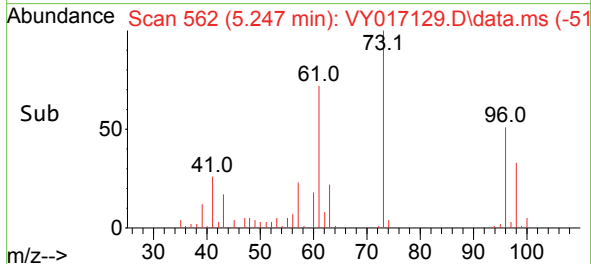
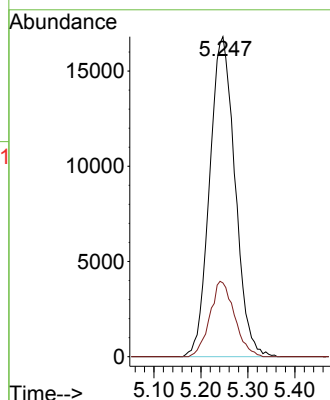
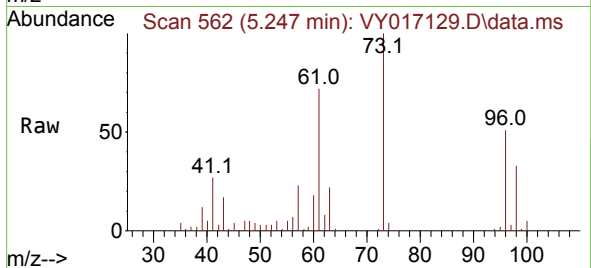




#19
Methyl tert-butyl Ether
Concen: 20.229 ug/l
RT: 5.247 min Scan# 50
Delta R.T. 0.013 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

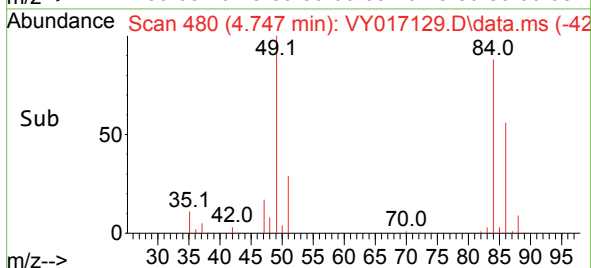
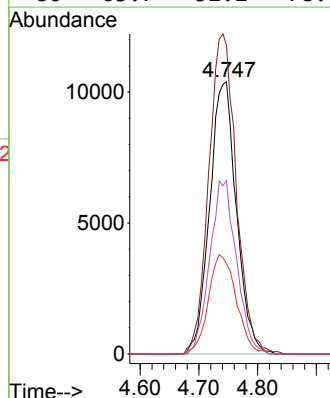
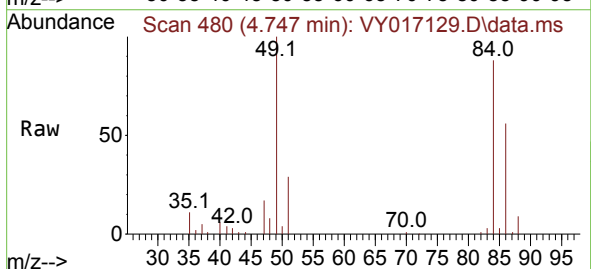
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

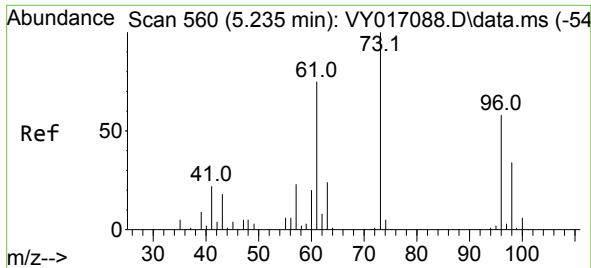
Tgt Ion: 73 Resp: 63025
Ion Ratio Lower Upper
73 100
57 23.0 17.7 26.5



#20
Methylene Chloride
Concen: 20.751 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion: 84 Resp: 32833
Ion Ratio Lower Upper
84 100
49 113.5 95.2 142.8
51 33.3 29.9 44.9
86 63.7 52.2 78.4

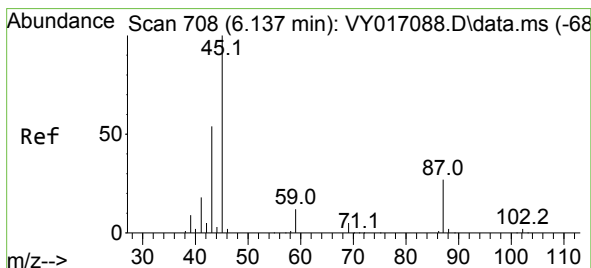
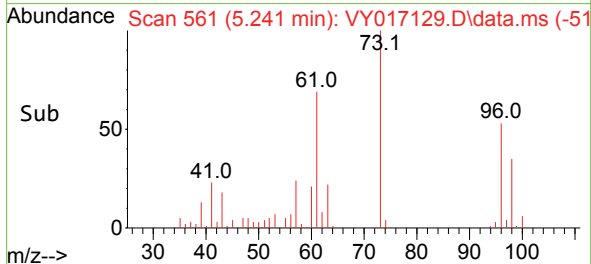
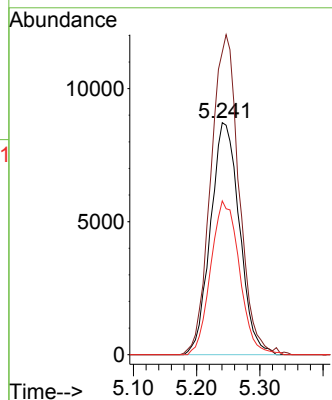
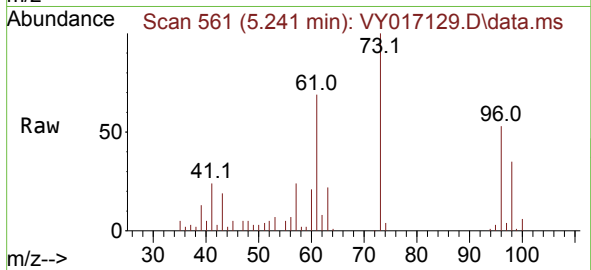




#21
trans-1,2-Dichloroethene
Concen: 18.724 ug/l
RT: 5.241 min Scan# 501
Delta R.T. 0.001 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

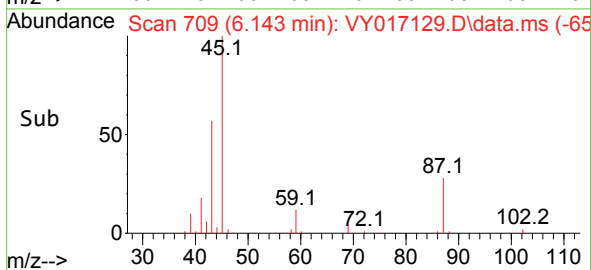
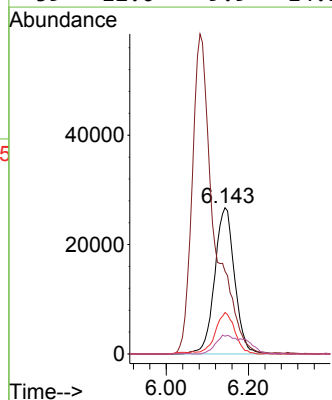
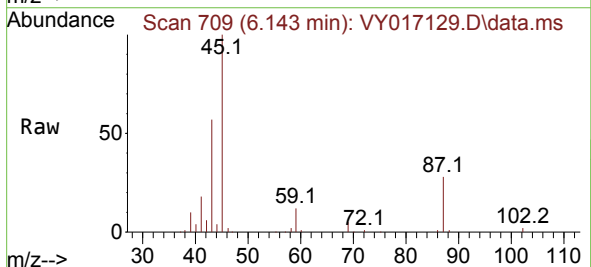
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

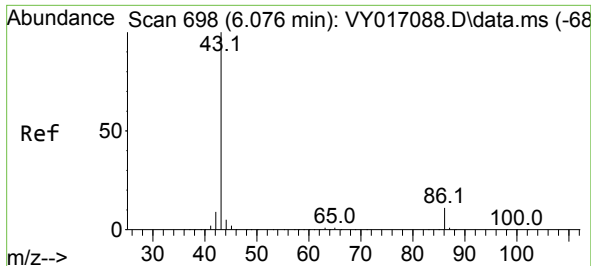
Tgt Ion: 96 Resp: 27651
Ion Ratio Lower Upper
96 100
61 130.4 104.6 156.8
98 66.3 50.9 76.3



#22
Diisopropyl ether
Concen: 21.146 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion: 45 Resp: 90072
Ion Ratio Lower Upper
45 100
43 55.8 46.8 70.2
87 28.3 22.2 33.2
59 12.0 9.9 14.9

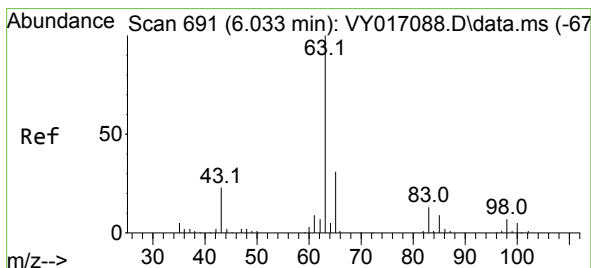
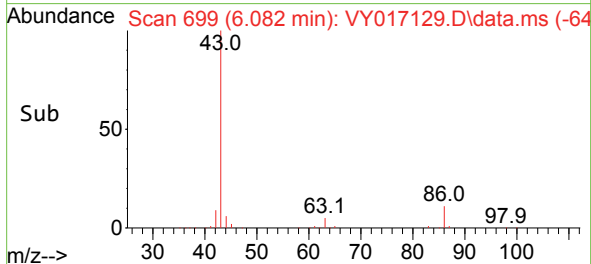
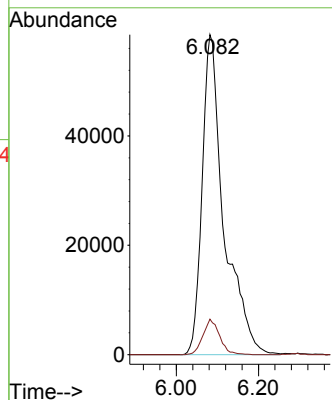
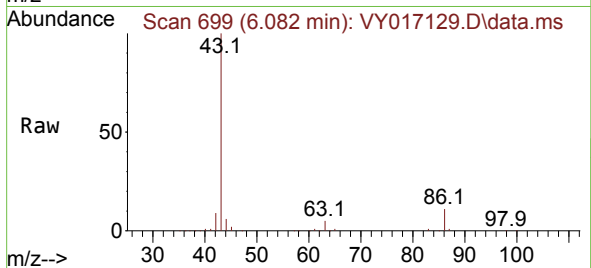




#23
 Vinyl Acetate
 Concen: 104.342 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY017129.D
 Acq: 29 Jan 2024 12:31

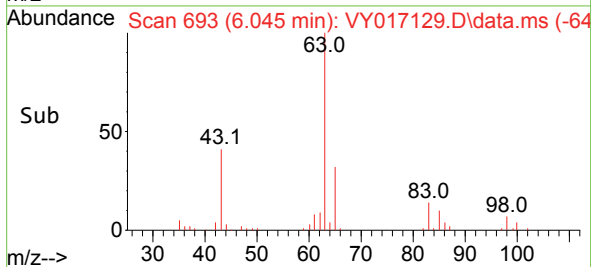
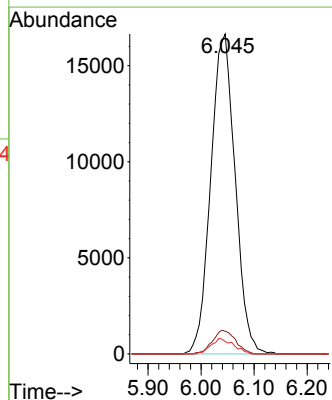
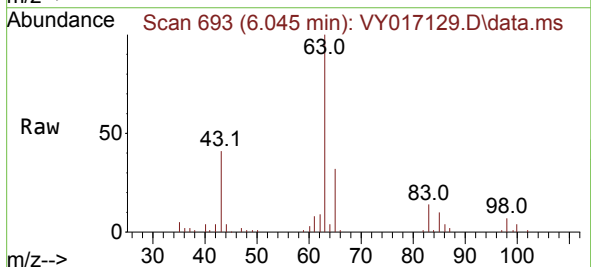
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

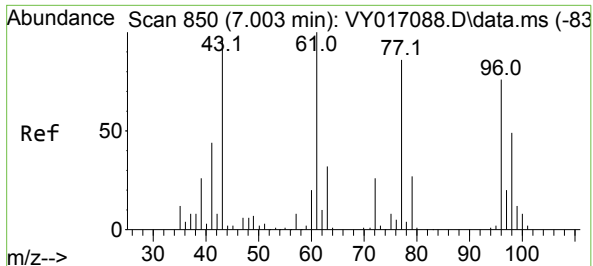
Tgt Ion: 43 Resp: 215597
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 20.495 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY017129.D
 Acq: 29 Jan 2024 12:31

Tgt Ion: 63 Resp: 53248
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 3.9 2.1 6.2





#25

2-Butanone

Concen: 125.734 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

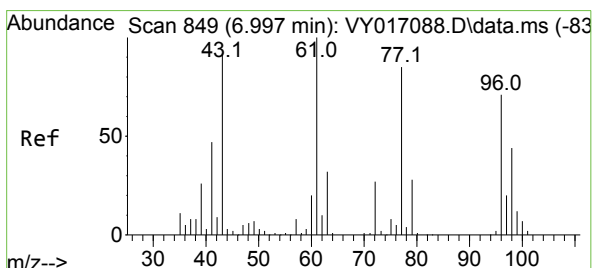
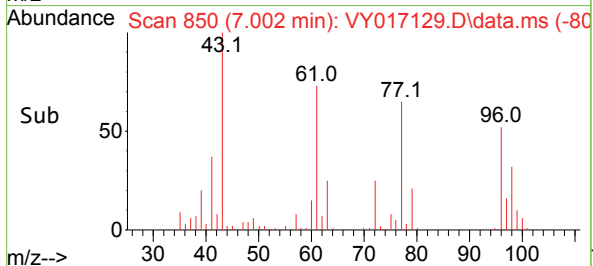
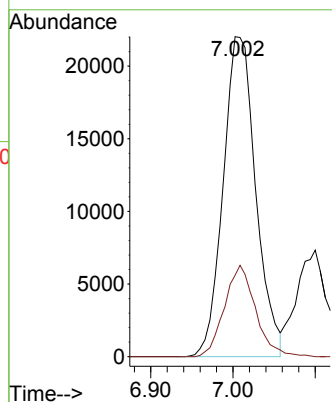
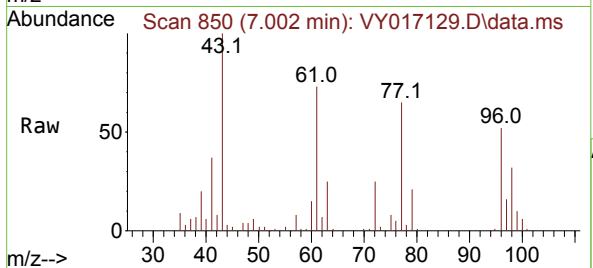
VY0129SBS01

Tgt Ion: 43 Resp: 60800

Ion Ratio Lower Upper

43 100

72 25.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.752 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY017129.D

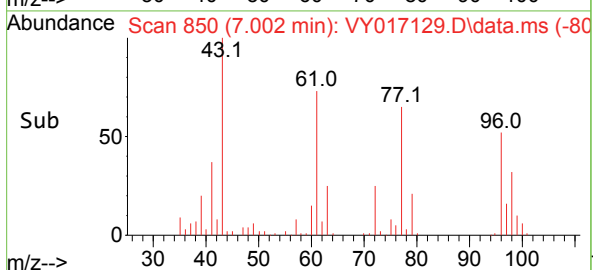
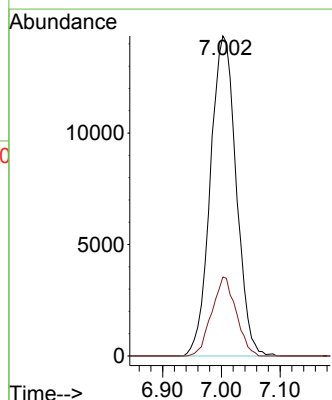
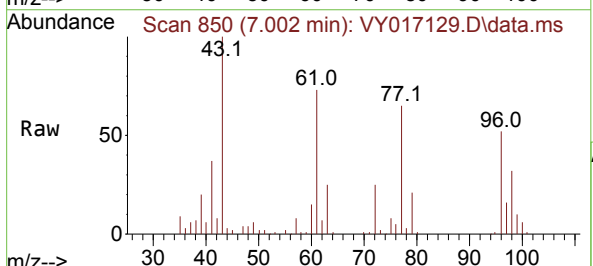
Acq: 29 Jan 2024 12:31

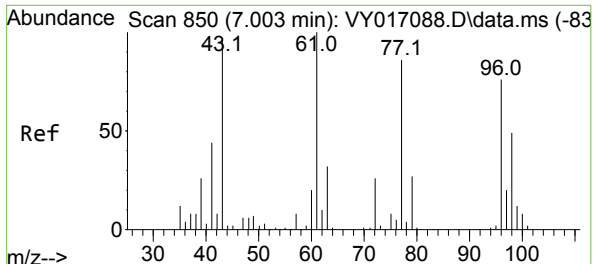
Tgt Ion: 77 Resp: 43831

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.060 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.007 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

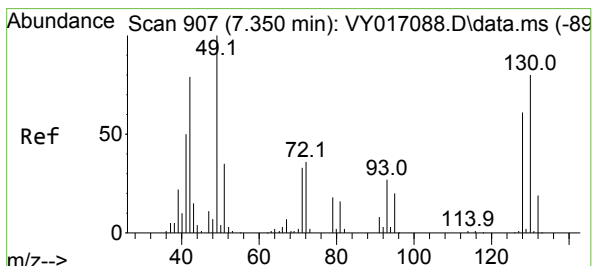
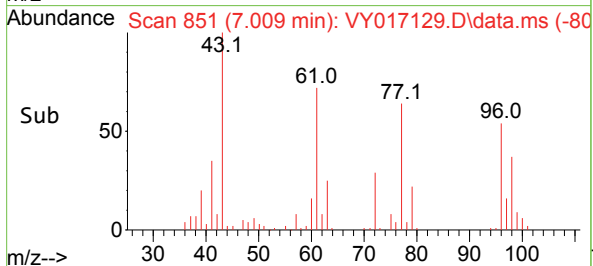
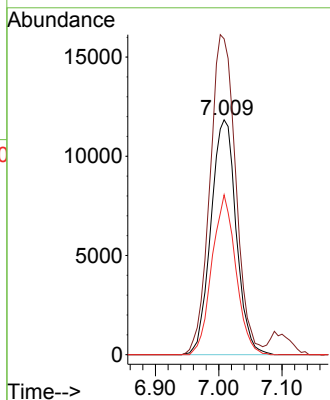
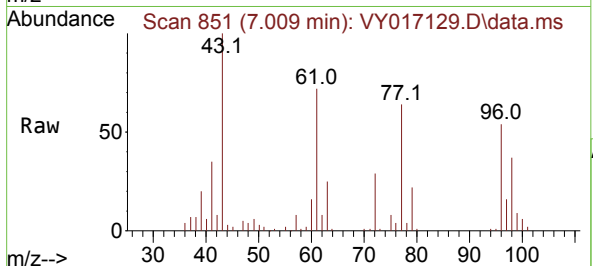
Tgt Ion: 96 Resp: 32828

Ion Ratio Lower Upper

96 100

61 139.4 0.0 278.8

98 64.5 0.0 127.0



#28

Bromochloromethane

Concen: 20.762 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

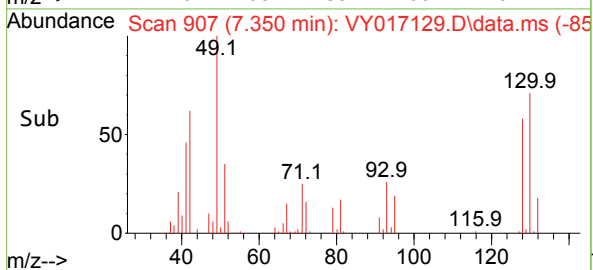
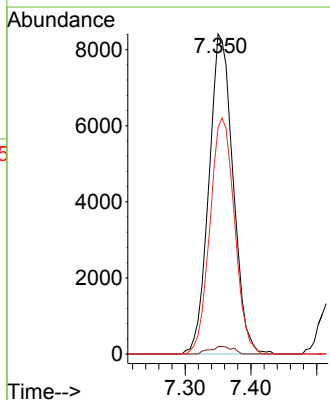
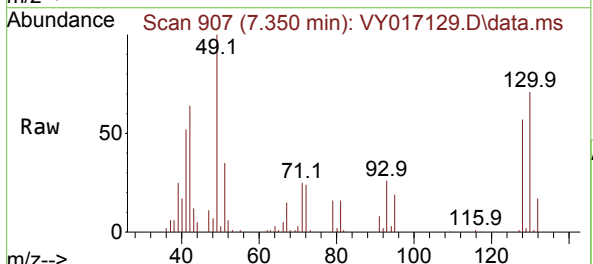
Tgt Ion: 49 Resp: 21475

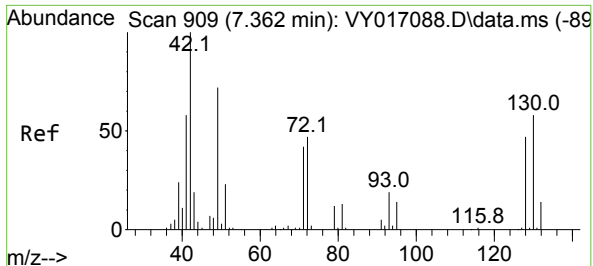
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 75.0 59.8 89.8





#29

Tetrahydrofuran

Concen: 108.532 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

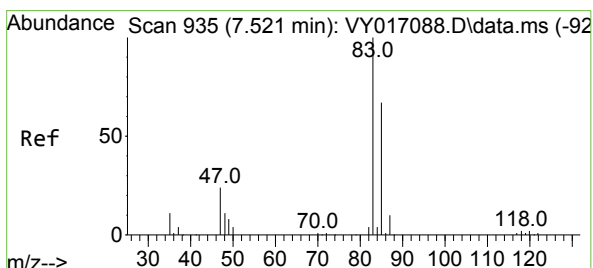
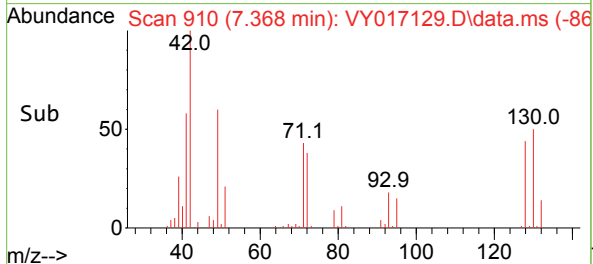
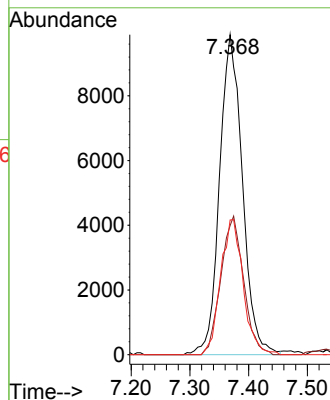
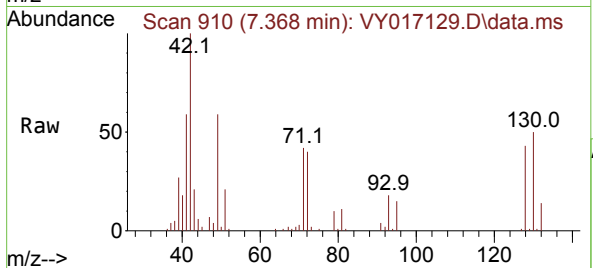
Tgt Ion: 42 Resp: 26737

Ion Ratio Lower Upper

42 100

72 43.0 36.6 54.8

71 41.9 33.8 50.6



#30

Chloroform

Concen: 20.638 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY017129.D

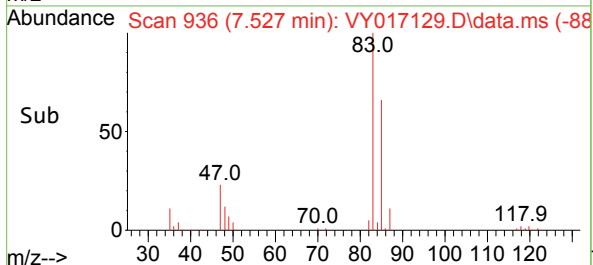
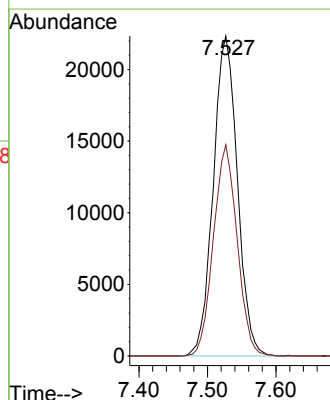
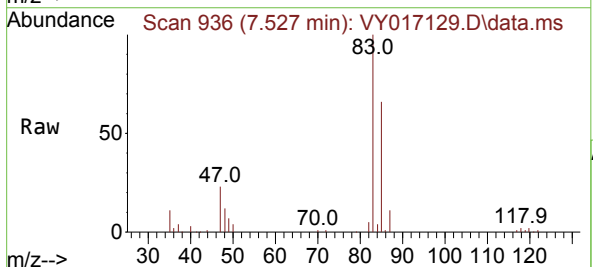
Acq: 29 Jan 2024 12:31

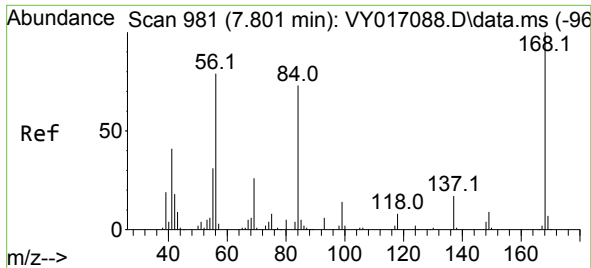
Tgt Ion: 83 Resp: 54600

Ion Ratio Lower Upper

83 100

85 66.0 51.2 76.8

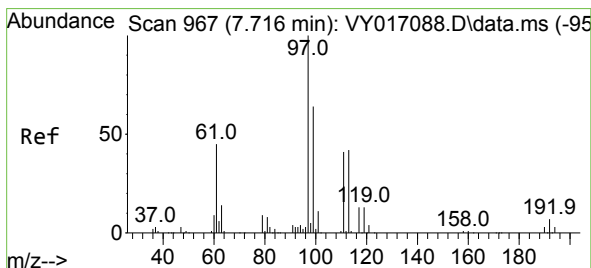
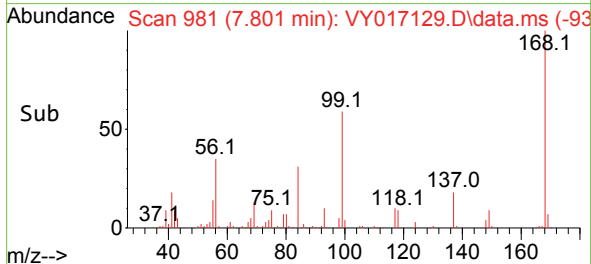
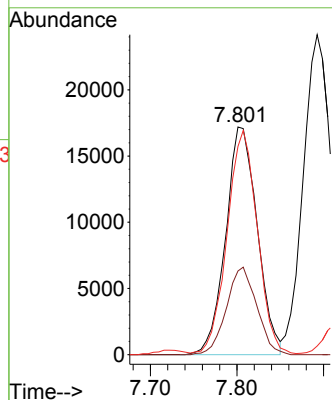
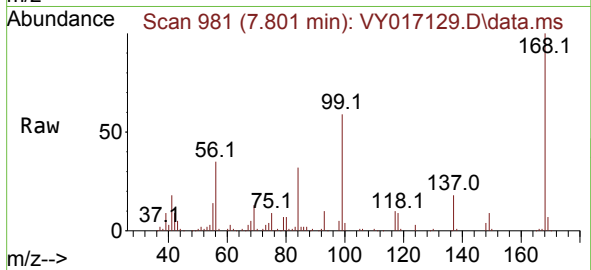




#31
Cyclohexane
Concen: 18.244 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

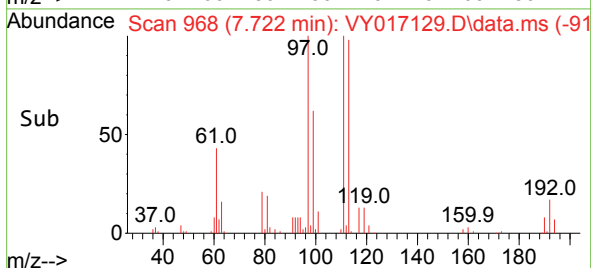
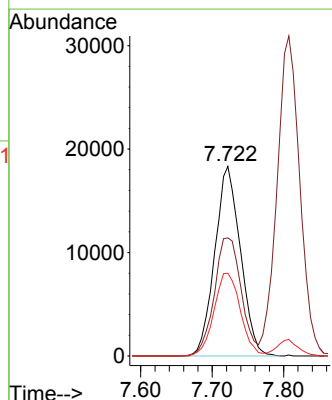
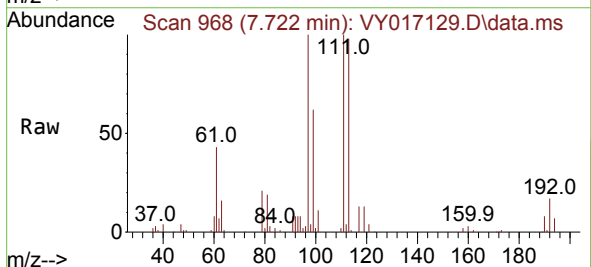
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

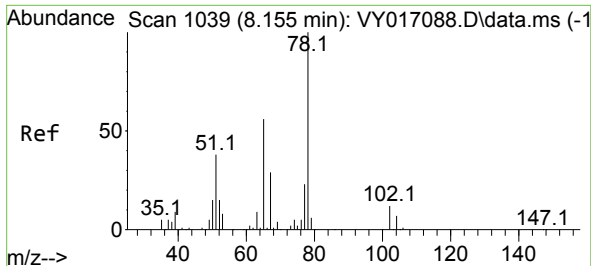
Tgt Ion: 56 Resp: 43629
Ion Ratio Lower Upper
56 100
69 36.7 27.0 40.6
84 89.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.130 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion: 97 Resp: 45666
Ion Ratio Lower Upper
97 100
99 65.7 51.2 76.8
61 44.8 35.0 52.6

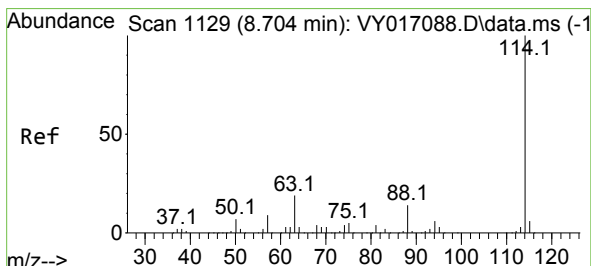
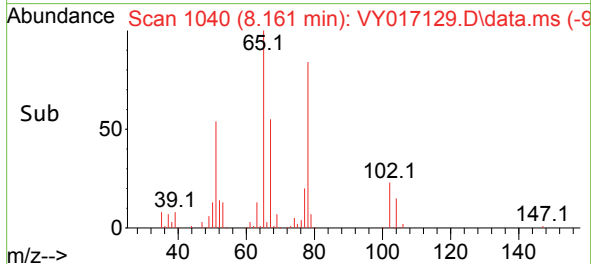
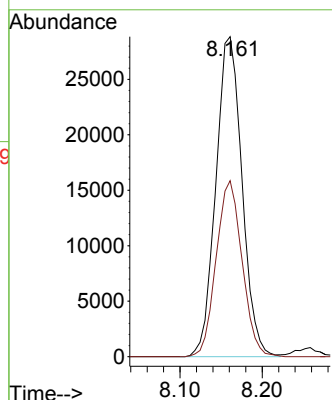
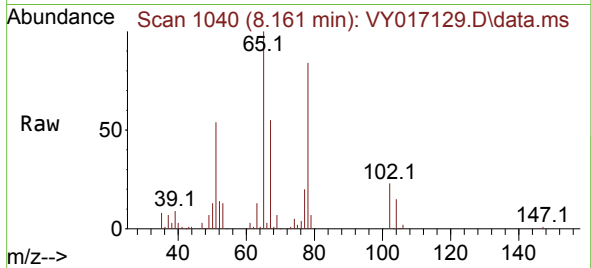




#33
 1,2-Dichloroethane-d4
 Concen: 52.604 ug/l
 RT: 8.161 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY017129.D
 Acq: 29 Jan 2024 12:31

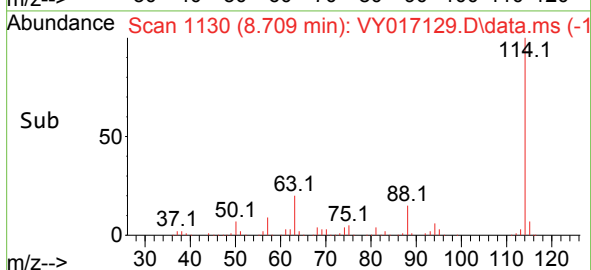
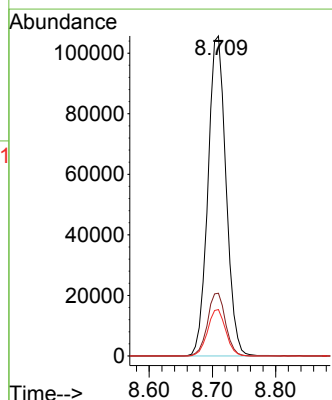
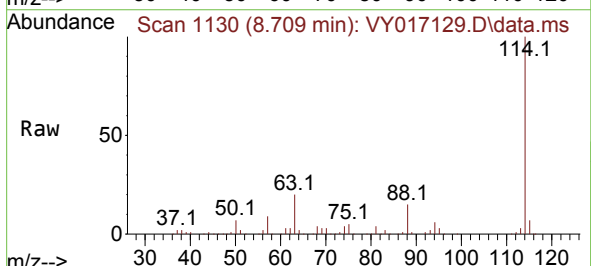
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

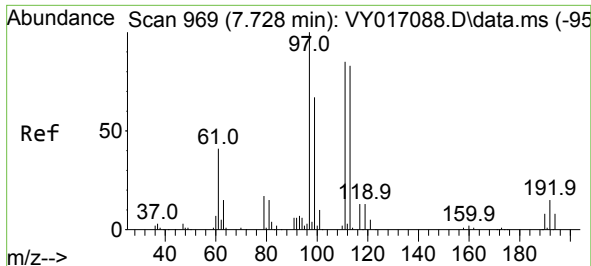
Tgt Ion: 65 Resp: 63908
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.709 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY017129.D
 Acq: 29 Jan 2024 12:31

Tgt Ion: 114 Resp: 210163
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.4
 88 14.5 0.0 29.0

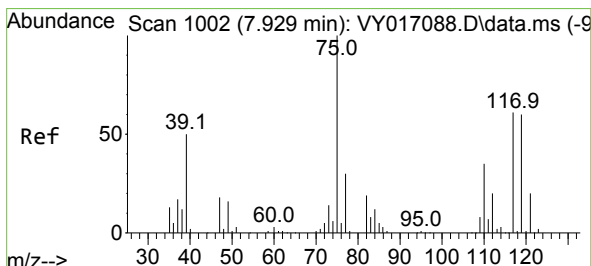
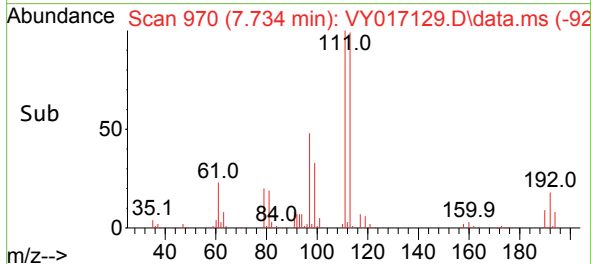
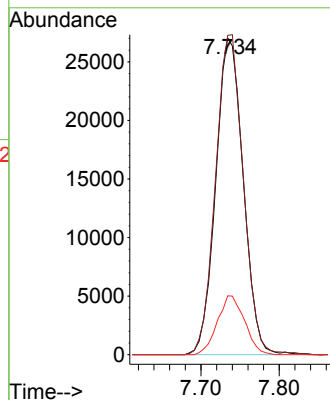
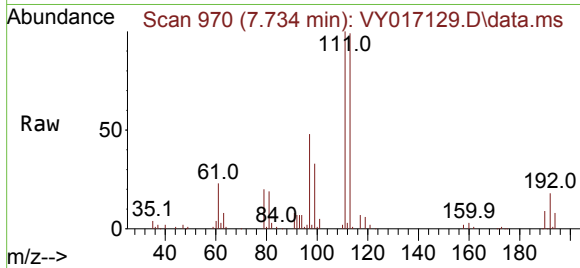




#35
Dibromofluoromethane
Concen: 51.846 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

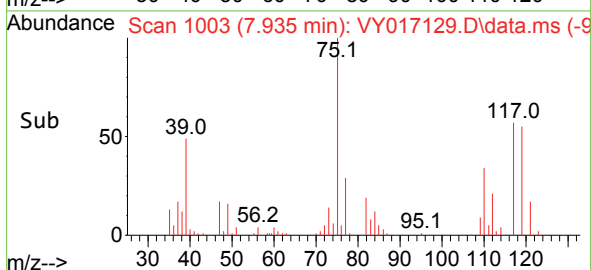
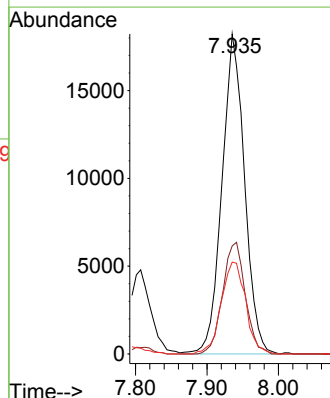
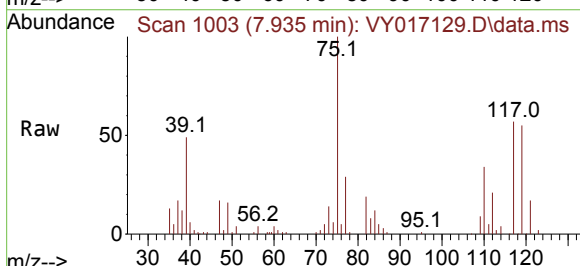
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBSD01

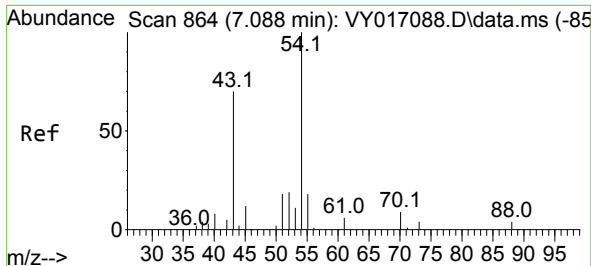
Tgt Ion:113 Resp: 65763
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 18.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 19.157 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion: 75 Resp: 39981
Ion Ratio Lower Upper
75 100
110 35.0 17.4 52.3
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 21.868 ug/l

RT: 7.100 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY017129.D

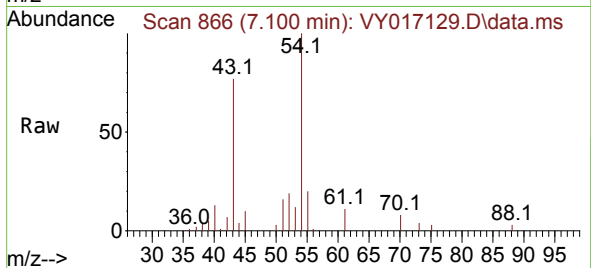
Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBSD01



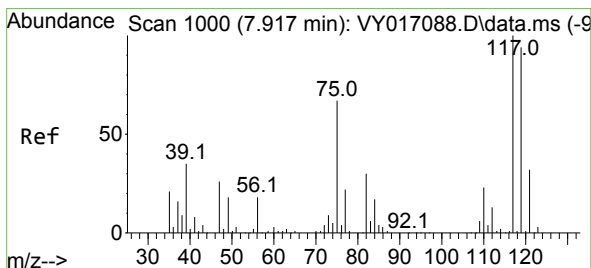
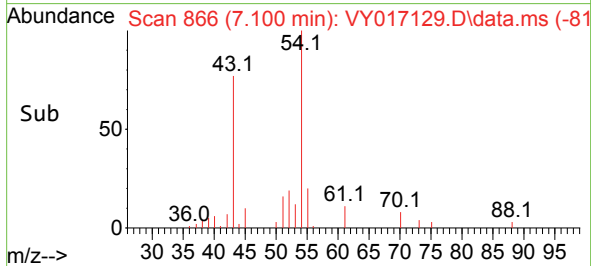
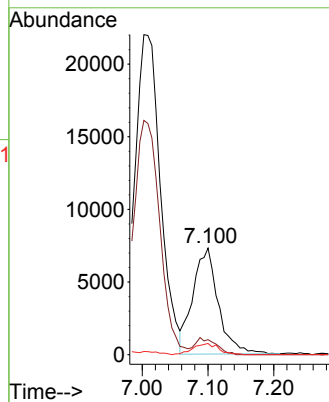
Tgt Ion: 43 Resp: 19624

Ion Ratio Lower Upper

43 100

61 13.3 11.0 16.6

70 10.5 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.202 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

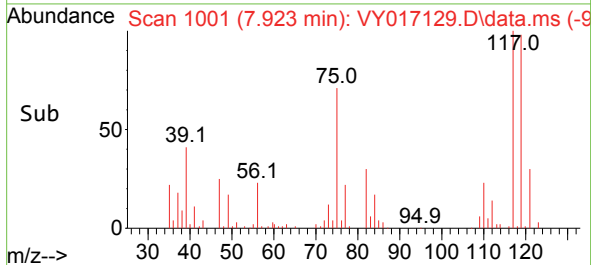
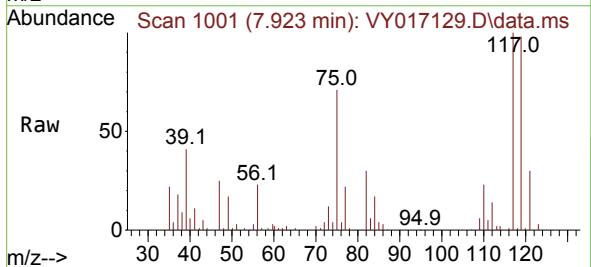
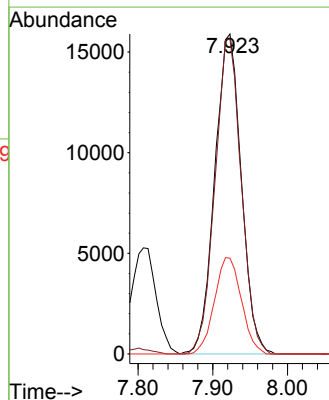
Tgt Ion:117 Resp: 39270

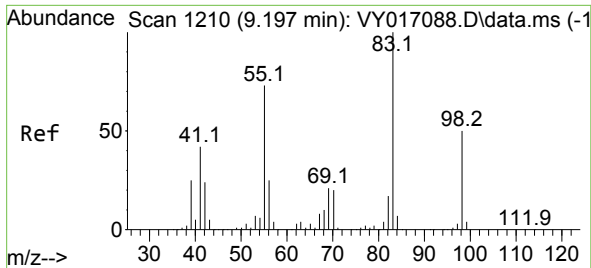
Ion Ratio Lower Upper

117 100

119 98.3 76.0 114.0

121 30.0 24.2 36.2

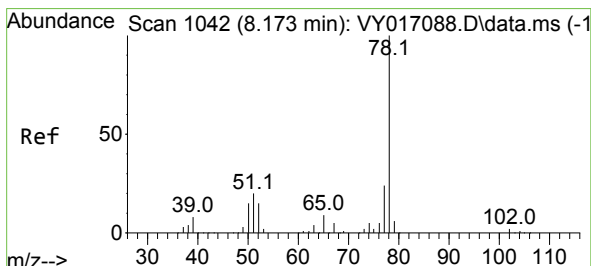
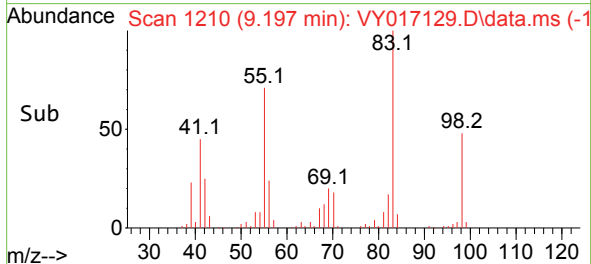
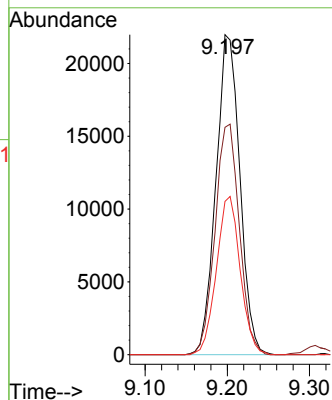
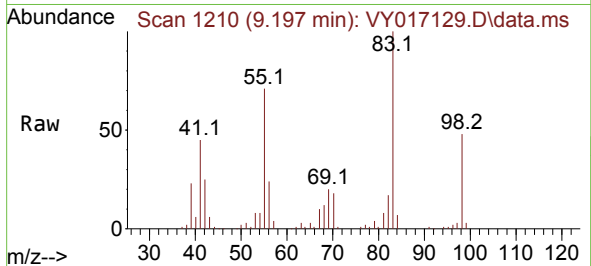




#39
Methylcyclohexane
Concen: 17.730 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

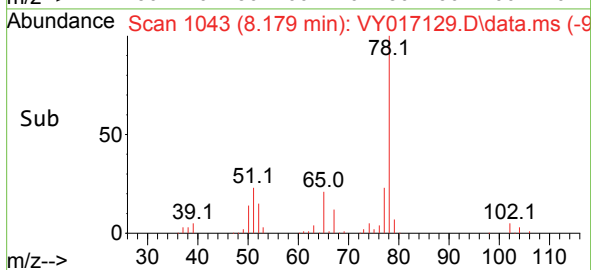
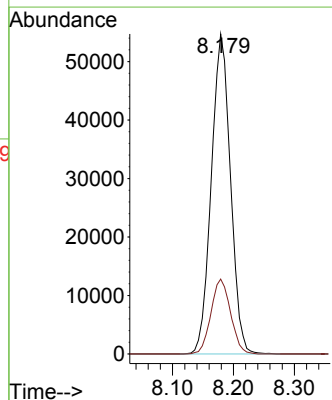
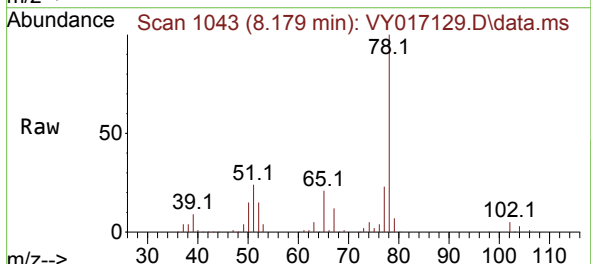
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBSD01

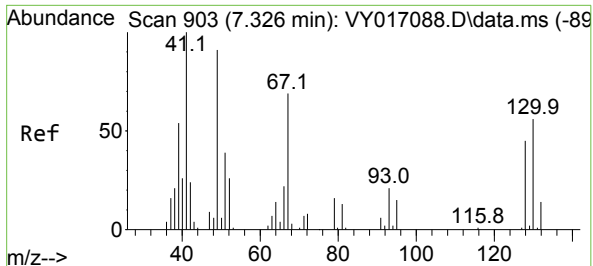
Tgt Ion: 83 Resp: 44504
Ion Ratio Lower Upper
83 100
55 71.0 59.7 89.5
98 47.9 38.0 57.0



#40
Benzene
Concen: 19.729 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

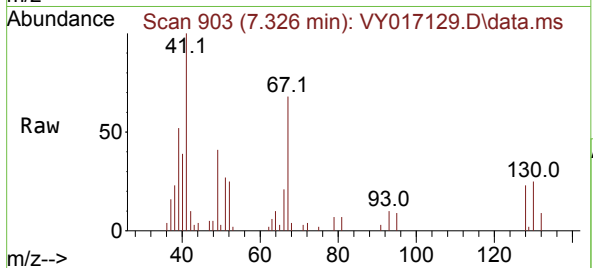
Tgt Ion: 78 Resp: 119575
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2



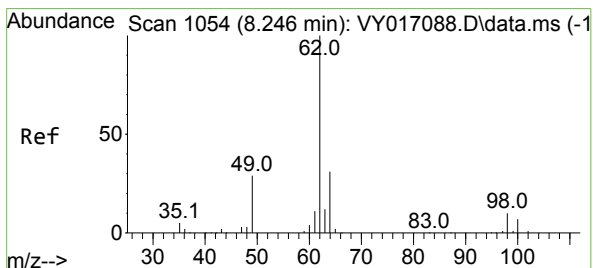
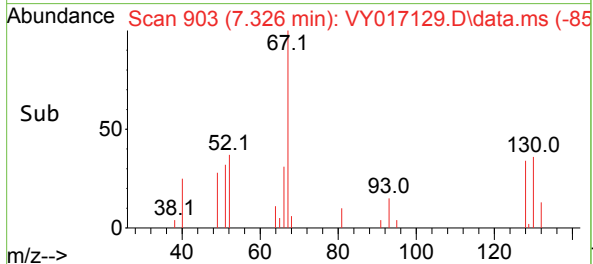
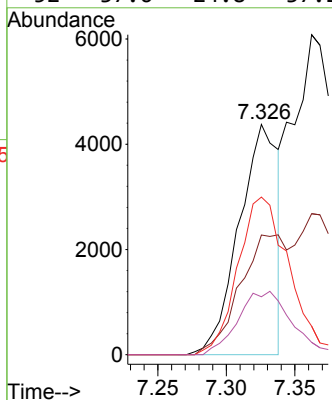


#41
Methacrylonitrile
Concen: 18.144 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.007 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

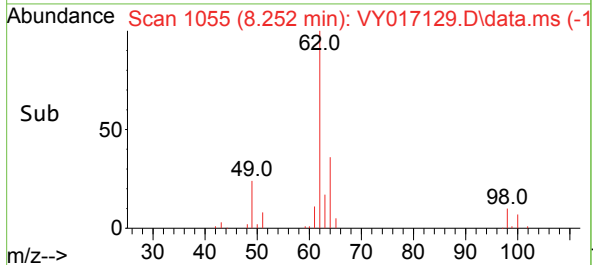
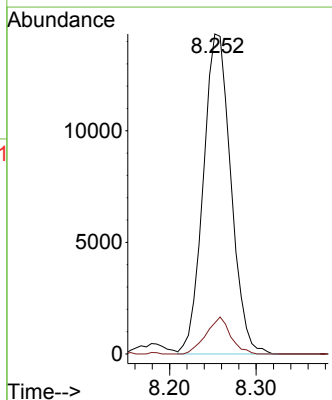
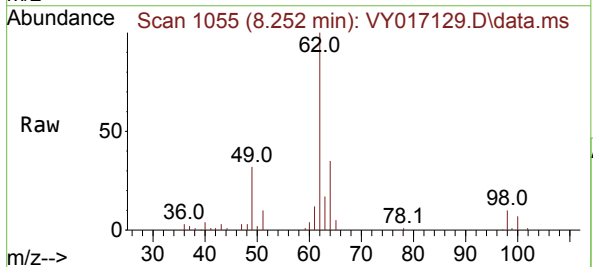


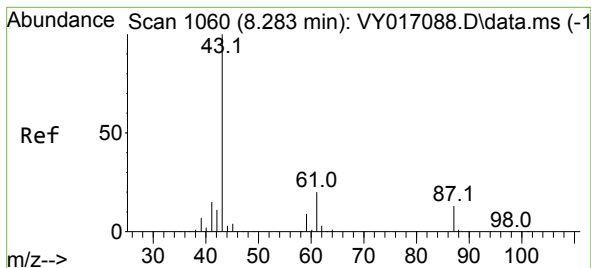
Tgt Ion:	41	Resp:	8708
Ion	Ratio	Lower	Upper
41	100		
39	61.6	41.9	62.9
67	89.5	59.8	89.6
52	37.6	24.8	37.2



#42
1,2-Dichloroethane
Concen: 20.225 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion:	62	Resp:	31779
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2





#43

Isopropyl Acetate

Concen: 21.187 ug/l

RT: 8.289 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

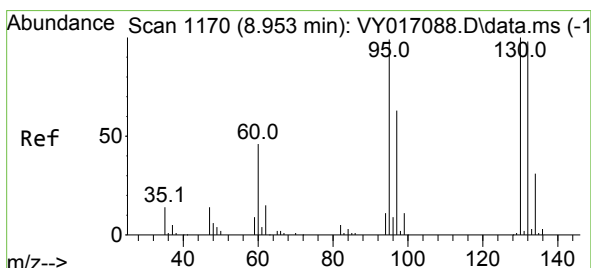
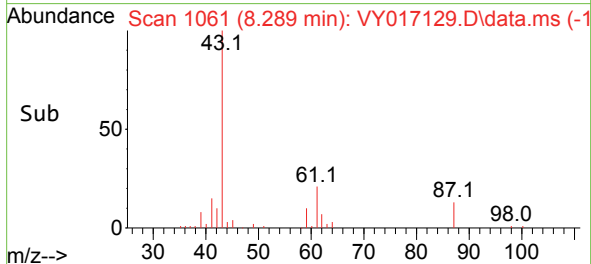
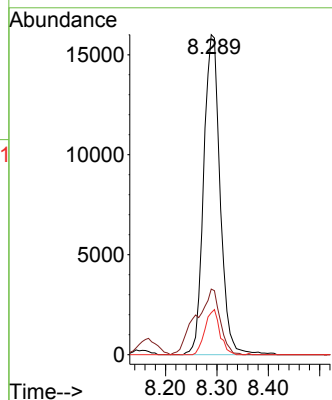
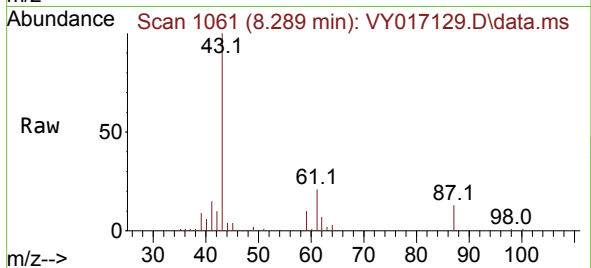
Tgt Ion: 43 Resp: 35493

Ion Ratio Lower Upper

43 100

61 30.1 24.8 37.2

87 12.8 10.7 16.1



#44

Trichloroethene

Concen: 19.675 ug/l

RT: 8.959 min Scan# 1171

Delta R.T. 0.012 min

Lab File: VY017129.D

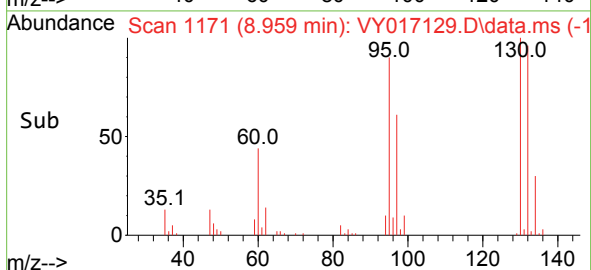
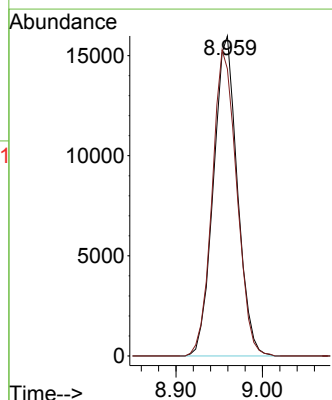
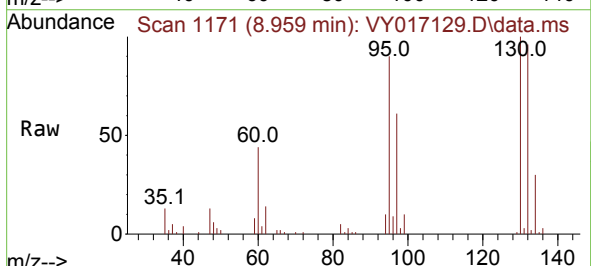
Acq: 29 Jan 2024 12:31

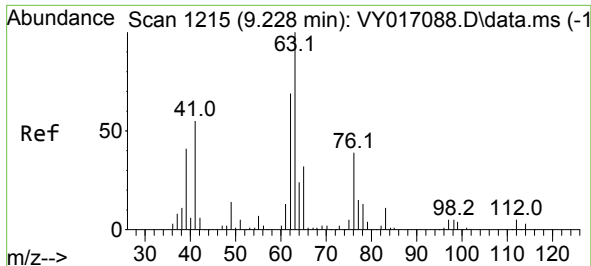
Tgt Ion:130 Resp: 30584

Ion Ratio Lower Upper

130 100

95 89.7 0.0 203.8

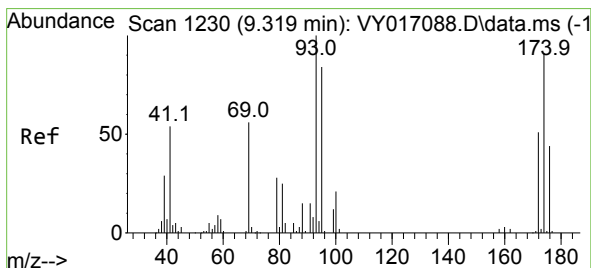
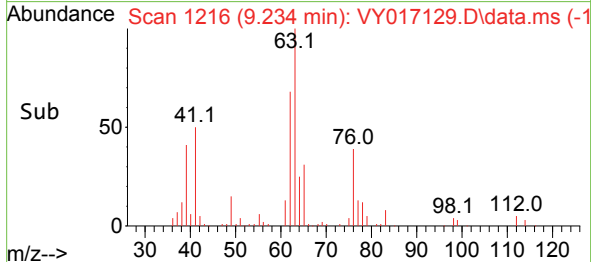
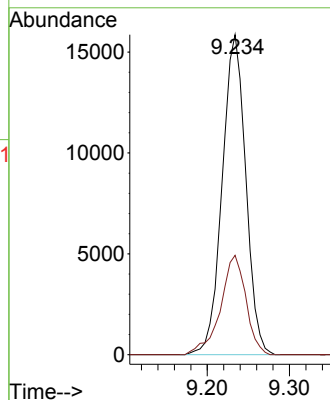
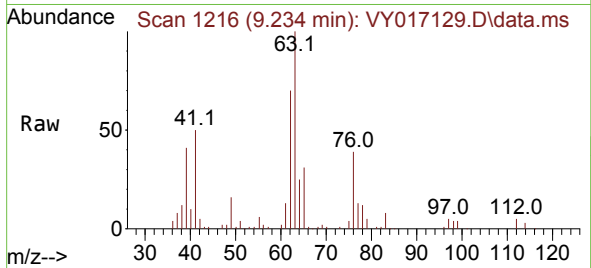




#45
1,2-Dichloropropane
Concen: 21.268 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

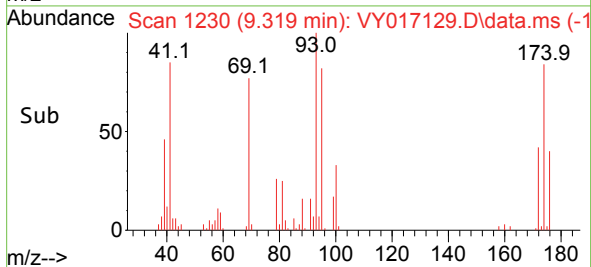
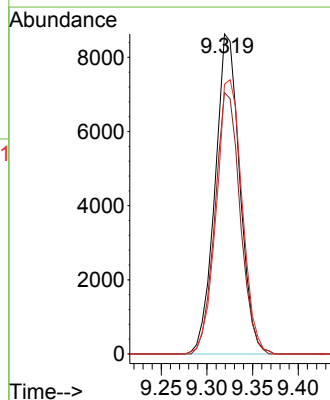
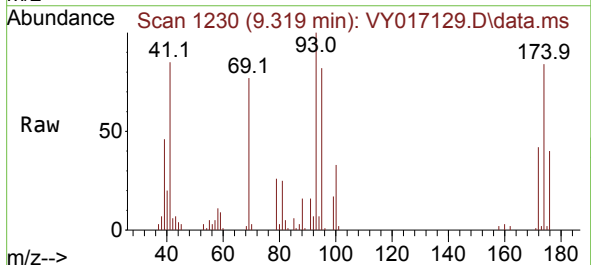
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

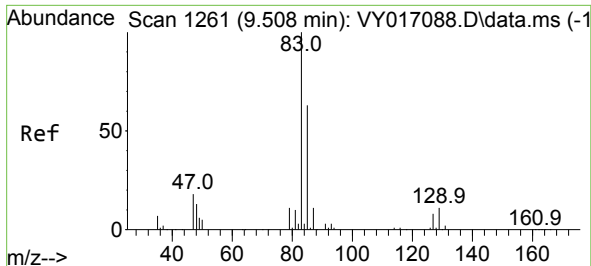
Tgt Ion: 63 Resp: 31638
Ion Ratio Lower Upper
63 100
65 31.0 24.6 36.8



#46
Dibromomethane
Concen: 20.574 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion: 93 Resp: 16254
Ion Ratio Lower Upper
93 100
95 82.8 66.6 99.8
174 89.5 73.8 110.6





#47

Bromodichloromethane

Concen: 20.570 ug/l

RT: 9.514 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

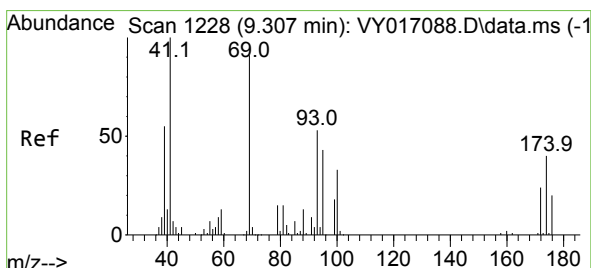
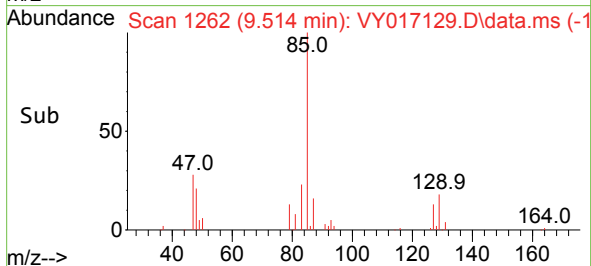
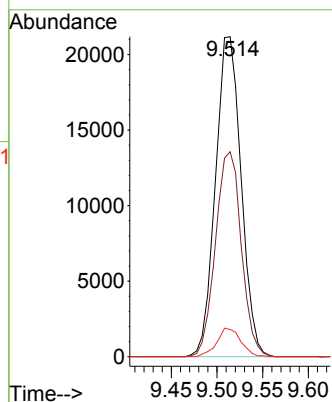
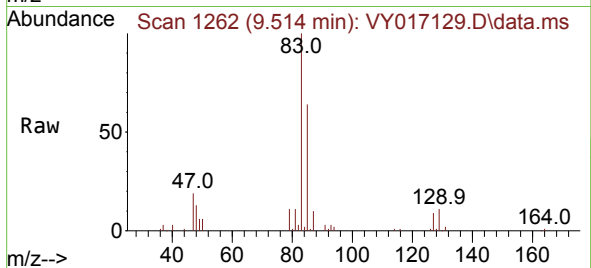
Tgt Ion: 83 Resp: 41343

Ion Ratio Lower Upper

83 100

85 64.0 53.2 79.8

127 8.5 6.4 9.6



#48

Methyl methacrylate

Concen: 20.632 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

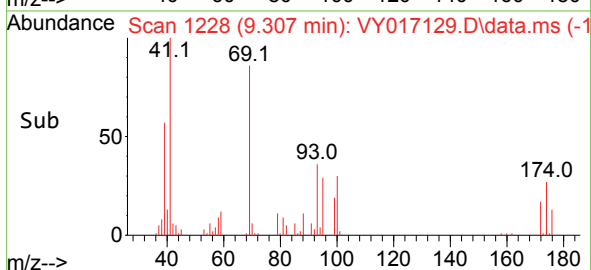
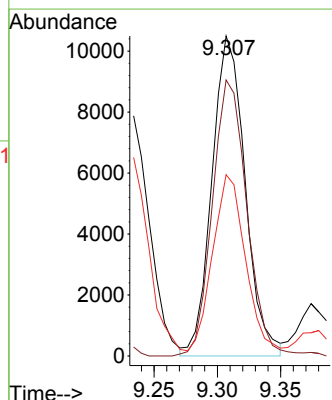
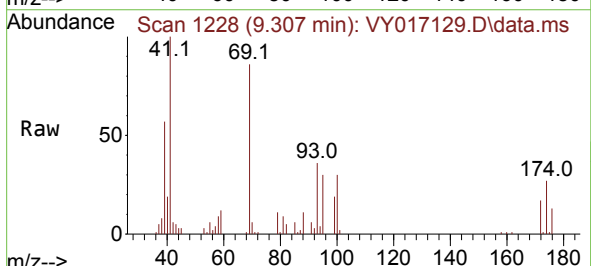
Tgt Ion: 41 Resp: 19191

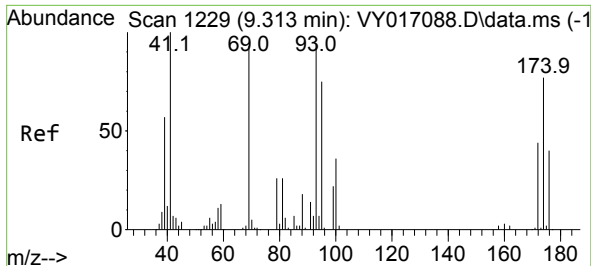
Ion Ratio Lower Upper

41 100

69 89.4 72.1 108.1

39 54.1 42.8 64.2





#49

1,4-Dioxane

Concen: 449.931 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

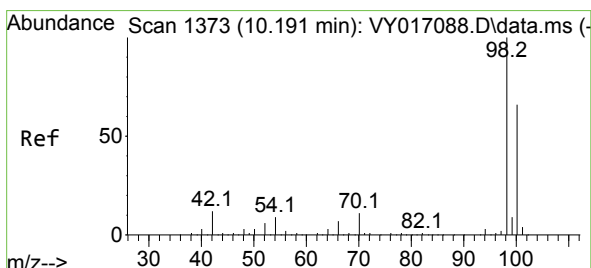
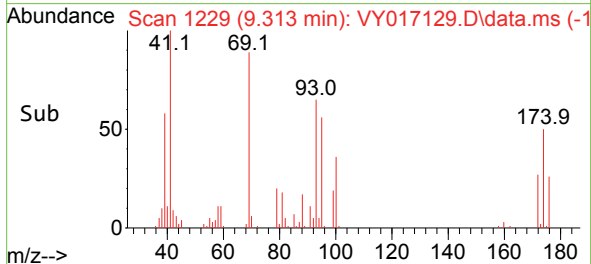
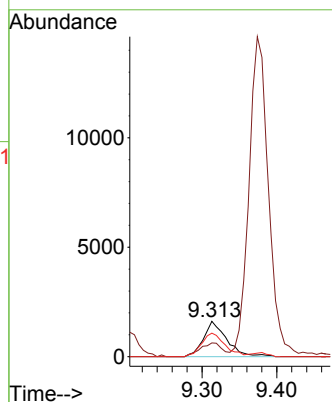
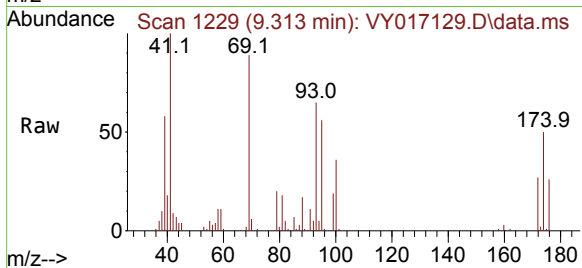
Tgt Ion: 88 Resp: 3496

Ion Ratio Lower Upper

88 100

43 37.5 28.2 42.4

58 68.0 52.2 78.2



#50

Toluene-d8

Concen: 52.200 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY017129.D

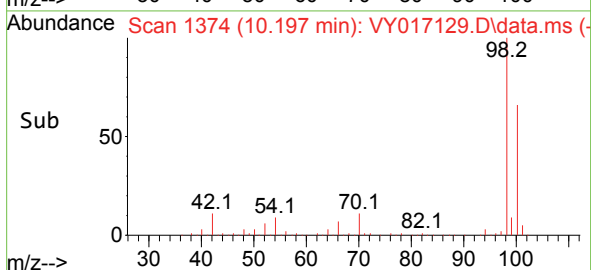
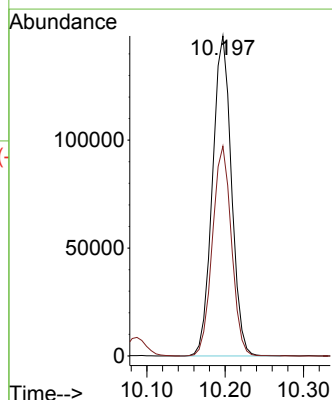
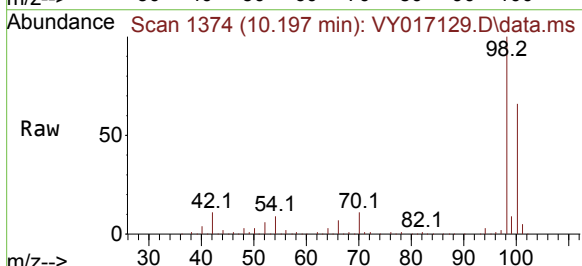
Acq: 29 Jan 2024 12:31

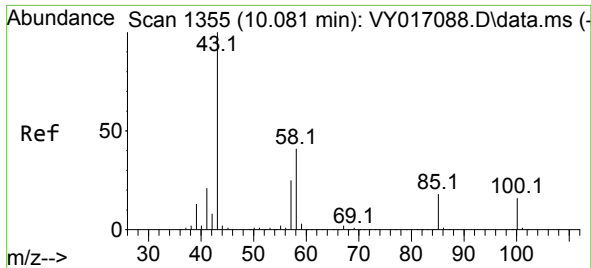
Tgt Ion: 98 Resp: 250084

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5

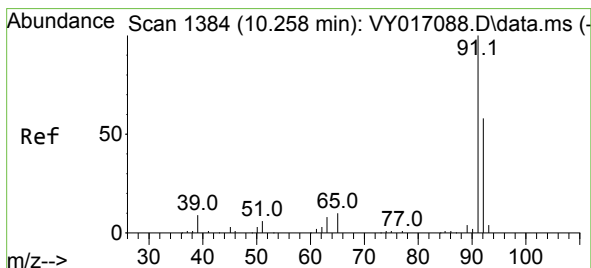
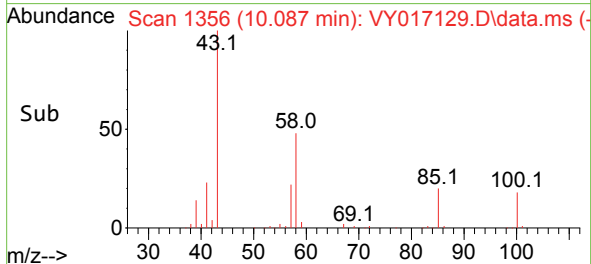
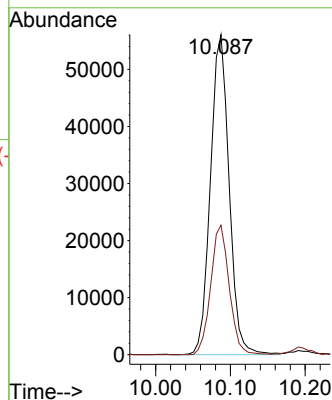
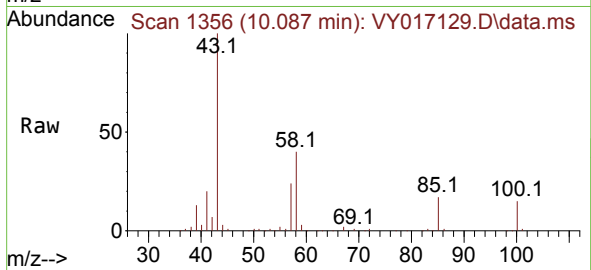




#51
4-Methyl-2-Pentanone
Concen: 109.420 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

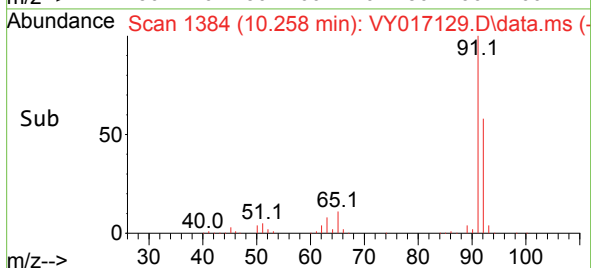
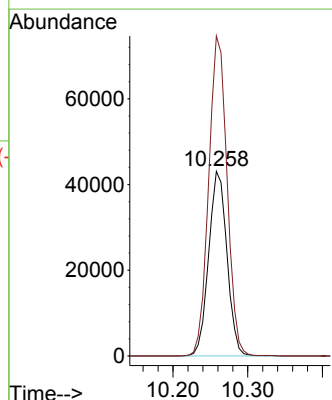
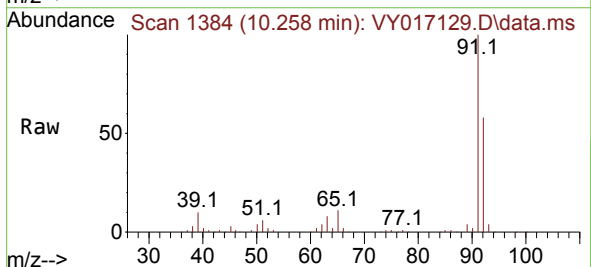
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

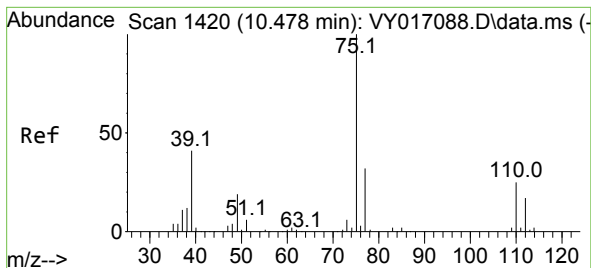
Tgt Ion: 43 Resp: 97509
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2



#52
Toluene
Concen: 19.949 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion: 92 Resp: 73181
Ion Ratio Lower Upper
92 100
91 174.4 137.6 206.4

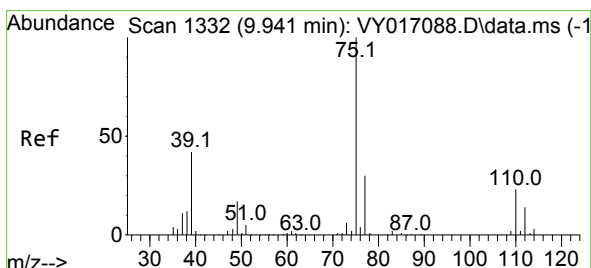
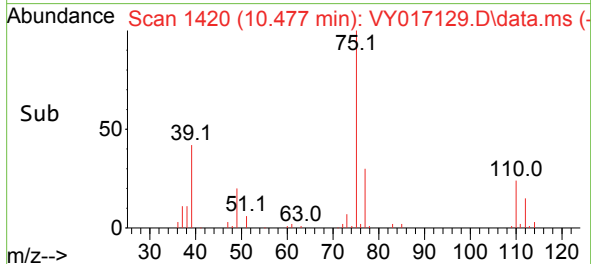
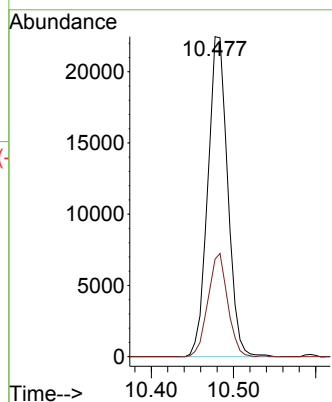
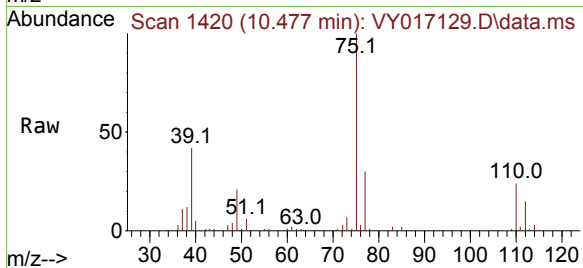




#53
 t-1,3-Dichloropropene
 Concen: 20.533 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. 0.006 min
 Lab File: VY017129.D
 Acq: 29 Jan 2024 12:31

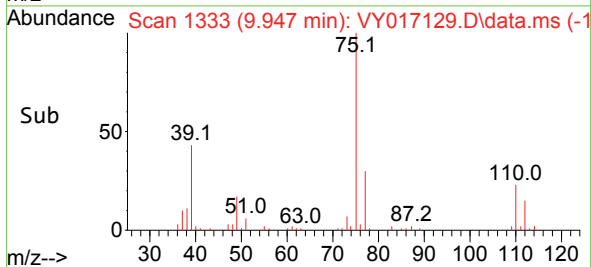
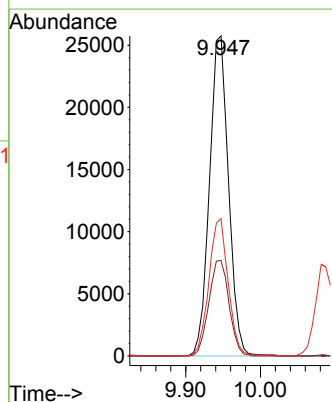
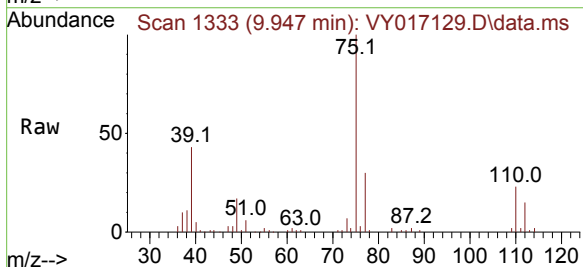
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

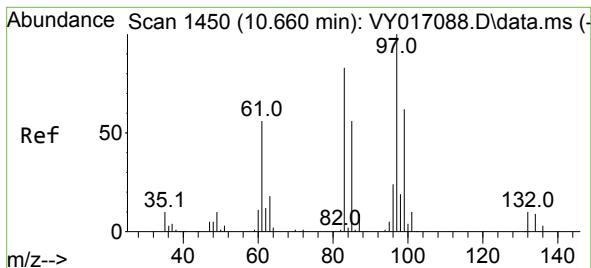
Tgt Ion: 75 Resp: 37701
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.177 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY017129.D
 Acq: 29 Jan 2024 12:31

Tgt Ion: 75 Resp: 45564
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.6 36.8
 39 42.9 33.6 50.4

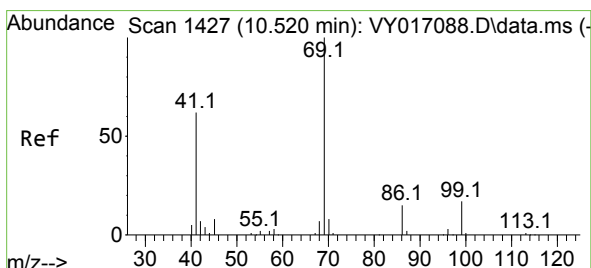
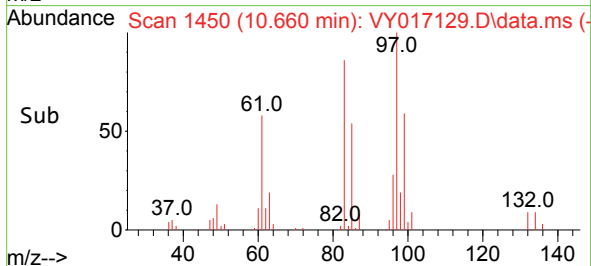
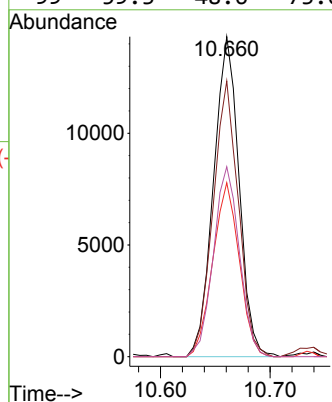
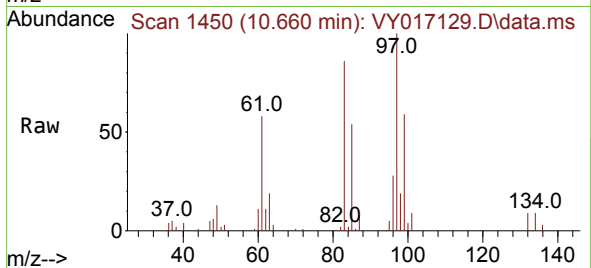




#55
1,1,2-Trichloroethane
Concen: 20.973 ug/l
RT: 10.660 min Scan# 1450
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

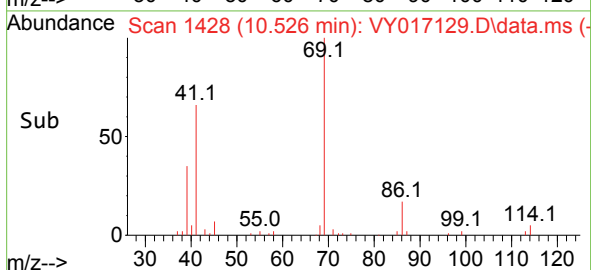
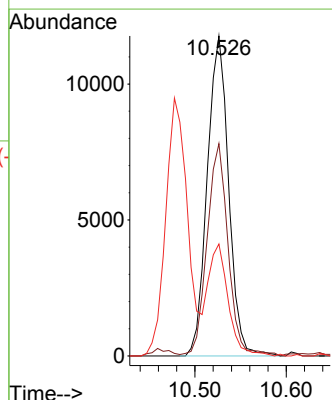
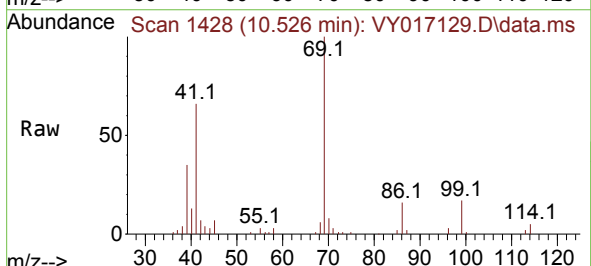
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

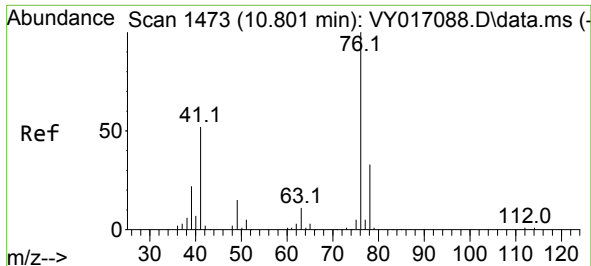
Tgt Ion: 97	Resp: 23158
Ion Ratio	Lower Upper
97 100	
83 86.2	69.4 104.2
85 54.3	43.9 65.9
99 59.3	48.6 73.0



#56
Ethyl methacrylate
Concen: 19.828 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion: 69	Resp: 19146
Ion Ratio	Lower Upper
69 100	
41 65.4	49.2 73.8
39 32.2	26.8 40.2





#57

1,3-Dichloropropane

Concen: 20.766 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.007 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

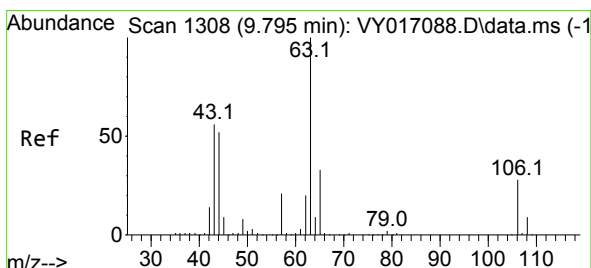
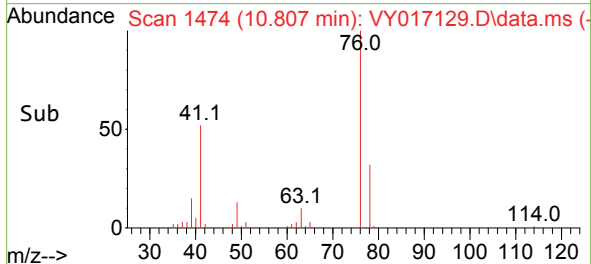
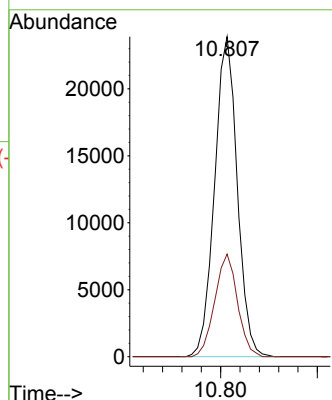
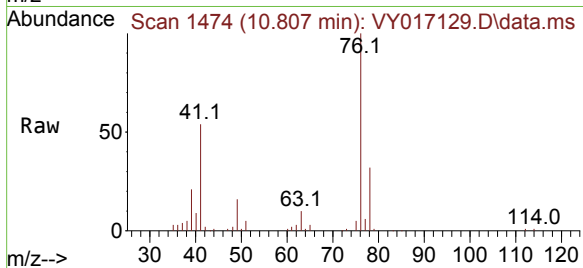
VY0129SBS01

Tgt Ion: 76 Resp: 38767

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 110.559 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.013 min

Lab File: VY017129.D

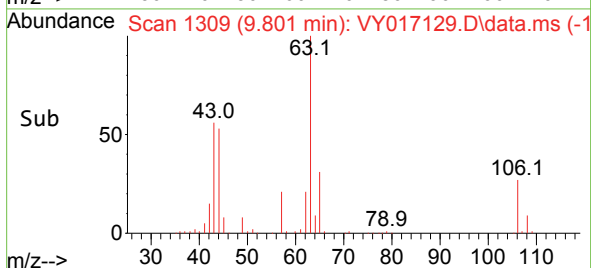
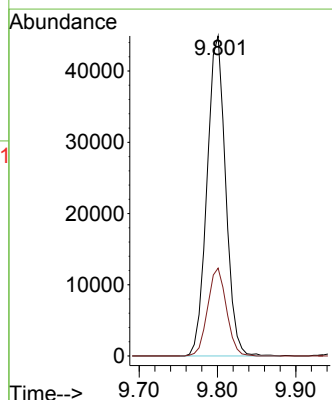
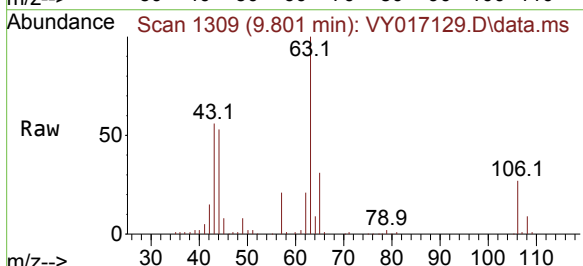
Acq: 29 Jan 2024 12:31

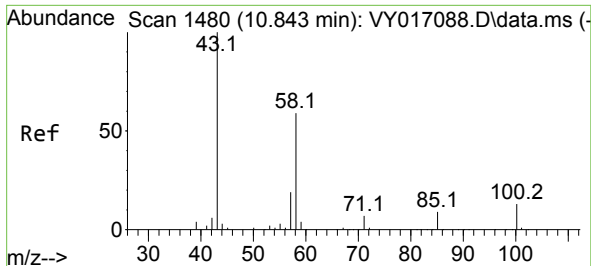
Tgt Ion: 63 Resp: 74103

Ion Ratio Lower Upper

63 100

106 27.6 22.4 33.6

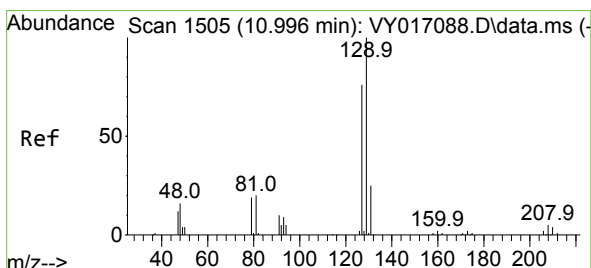
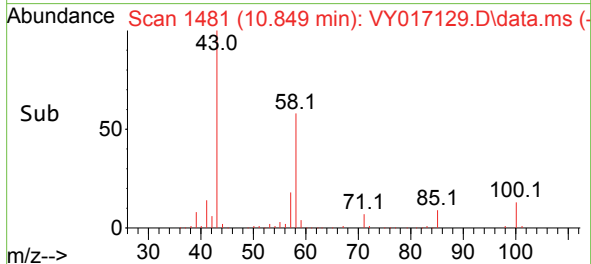
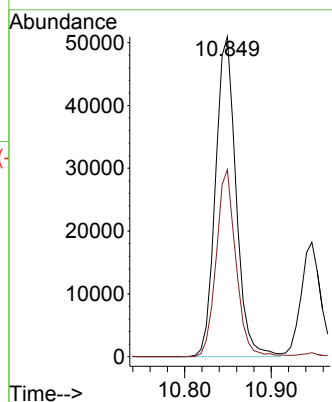
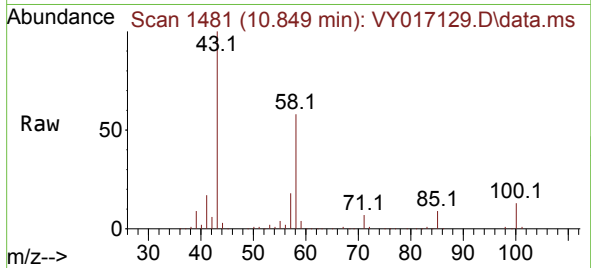




#59
2-Hexanone
Concen: 123.478 ug/l
RT: 10.849 min Scan# 1481
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

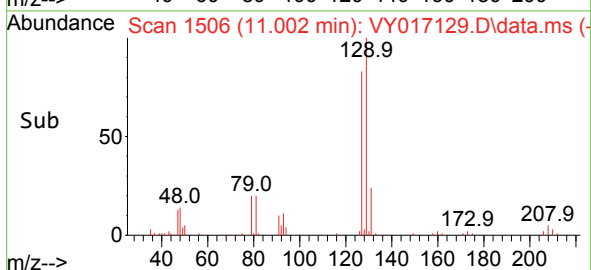
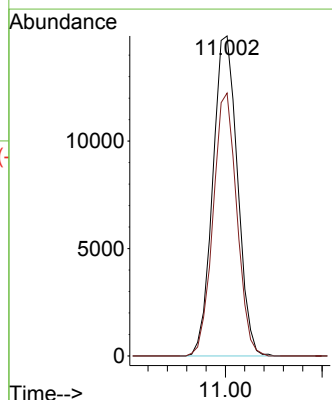
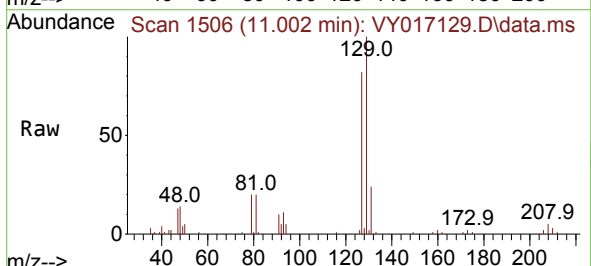
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

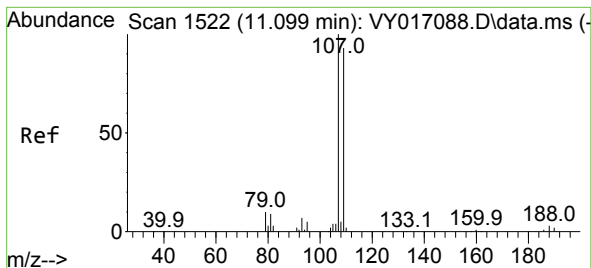
Tgt Ion: 43 Resp: 83948
Ion Ratio Lower Upper
43 100
58 56.1 28.1 84.3



#60
Dibromochloromethane
Concen: 20.583 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion: 129 Resp: 26405
Ion Ratio Lower Upper
129 100
127 78.9 39.2 117.6

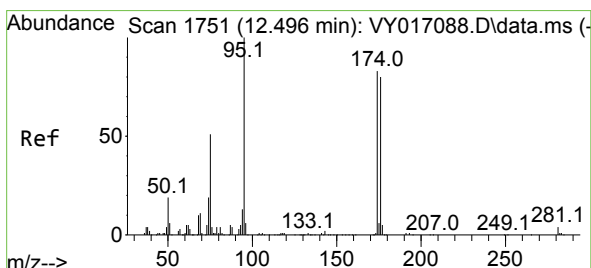
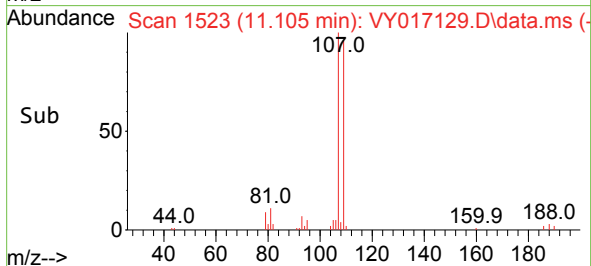
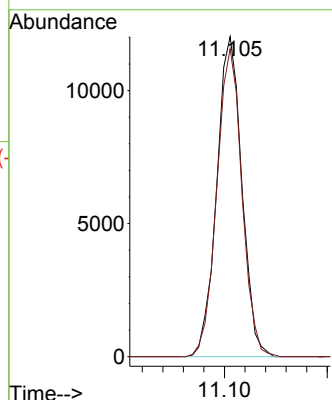
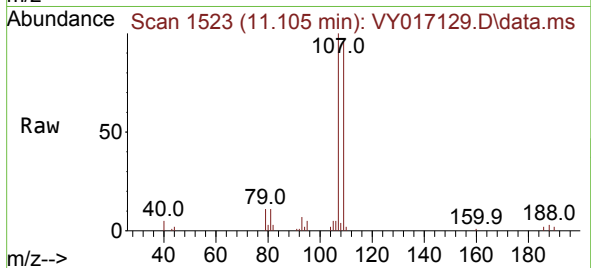




#61
1,2-Dibromoethane
Concen: 20.291 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

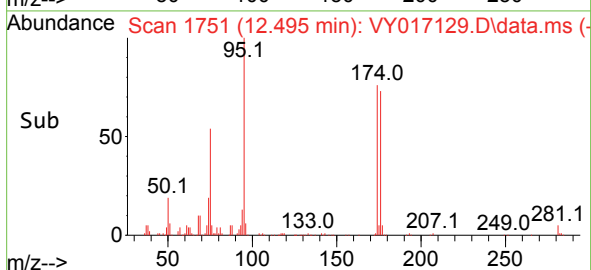
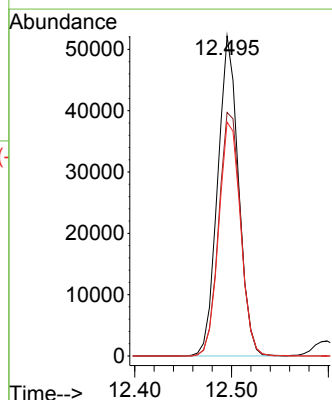
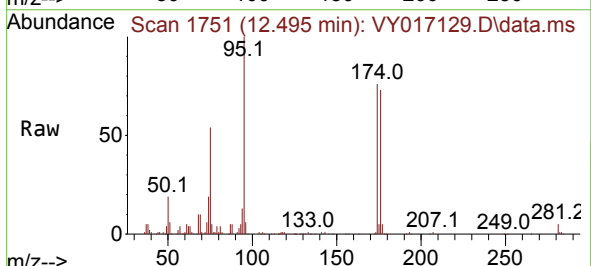
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBSD01

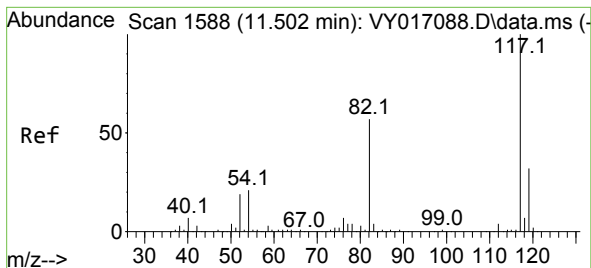
Tgt Ion:107 Resp: 20353
Ion Ratio Lower Upper
107 100
109 96.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.814 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion: 95 Resp: 77946
Ion Ratio Lower Upper
95 100
174 80.1 0.0 160.0
176 76.5 0.0 151.8

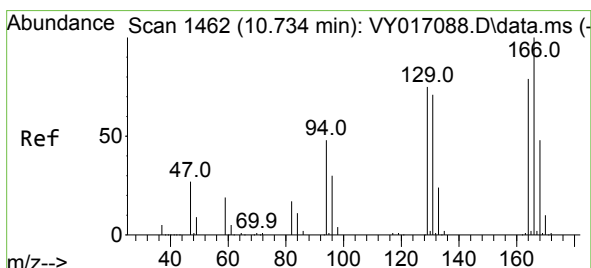
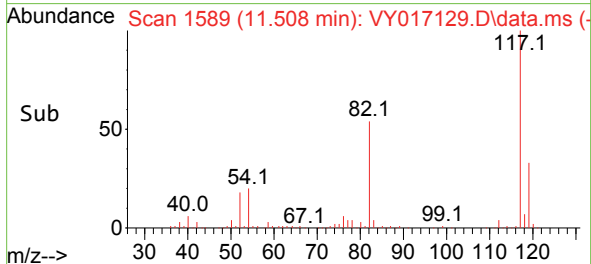
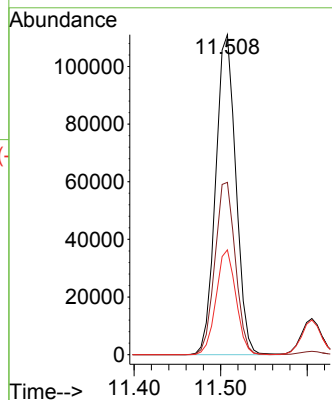
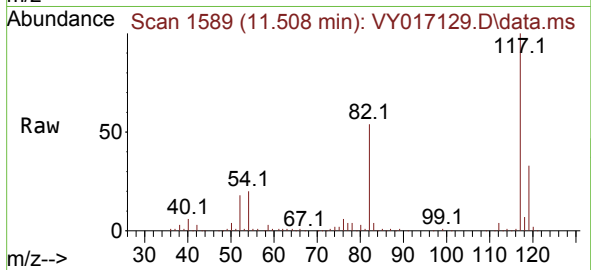




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

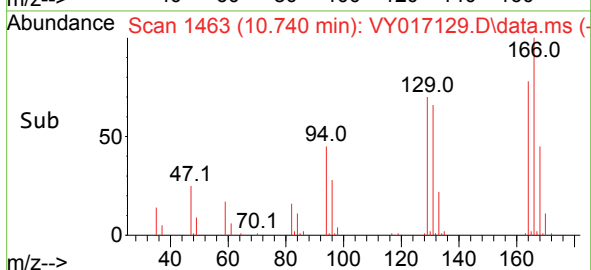
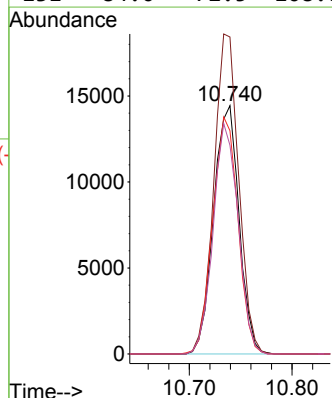
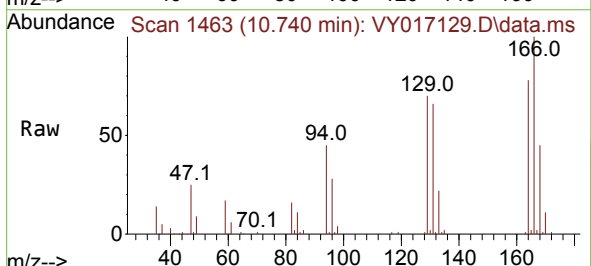
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

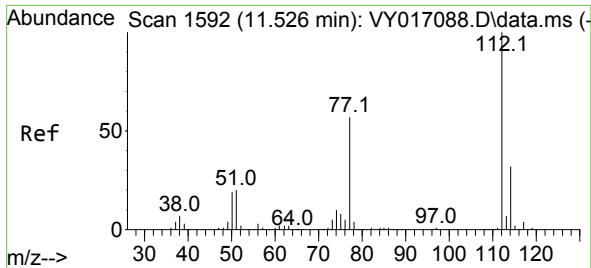
Tgt Ion:117 Resp: 179859
Ion Ratio Lower Upper
117 100
82 53.9 43.8 65.8
119 32.7 26.5 39.7



#64
Tetrachloroethene
Concen: 19.808 ug/l
RT: 10.740 min Scan# 1463
Delta R.T. 0.013 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion:164 Resp: 24832
Ion Ratio Lower Upper
164 100
166 127.7 98.8 148.2
129 89.9 78.9 118.3
131 84.0 72.5 108.7

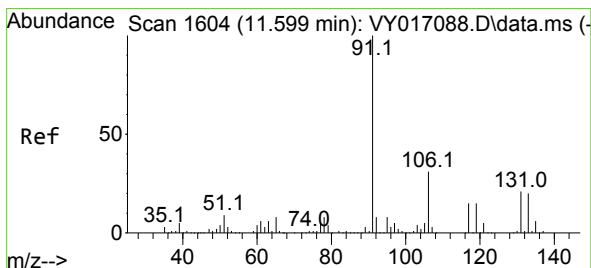
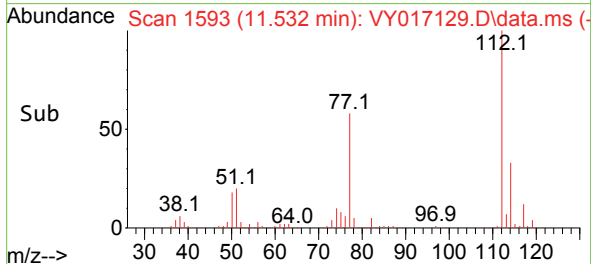
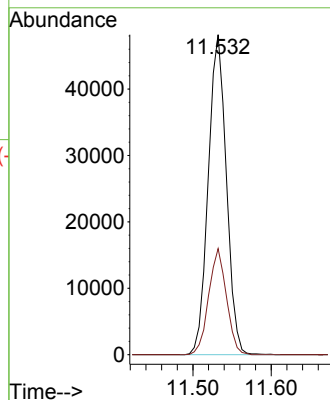
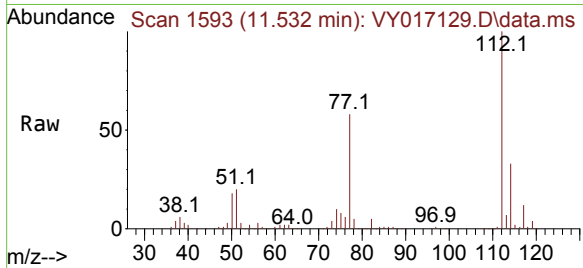




#65
Chlorobenzene
Concen: 20.271 ug/l
RT: 11.532 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

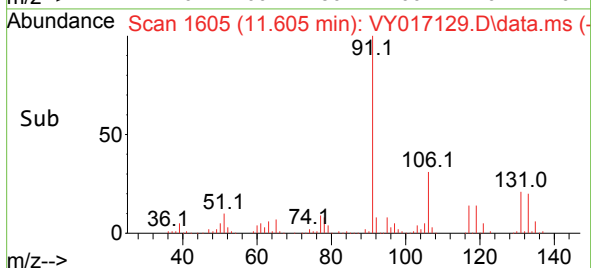
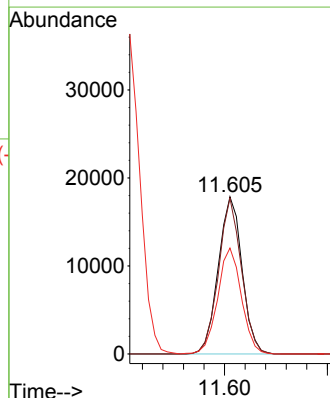
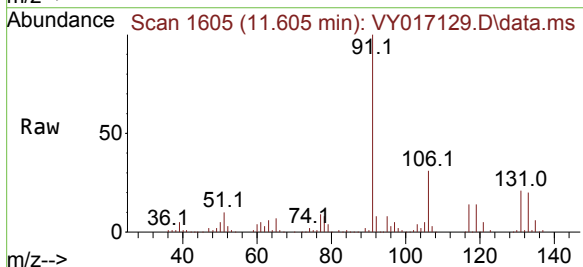
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBSD01

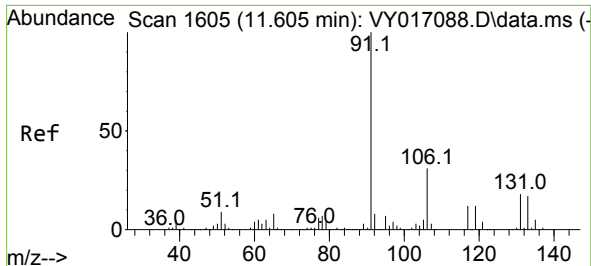
Tgt Ion:112 Resp: 77262
Ion Ratio Lower Upper
112 100
114 33.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.546 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion:131 Resp: 28604
Ion Ratio Lower Upper
131 100
133 95.8 47.0 141.0
119 67.5 33.3 99.9





#67

Ethyl Benzene

Concen: 19.824 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

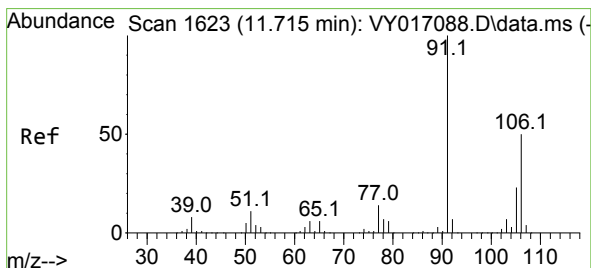
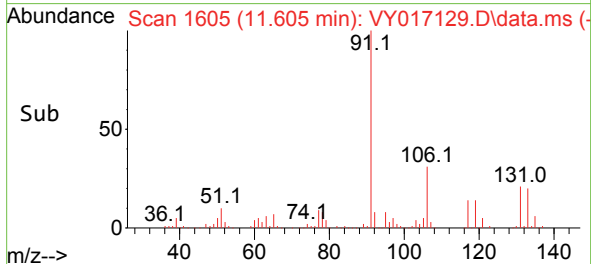
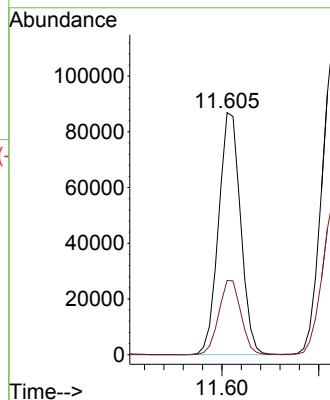
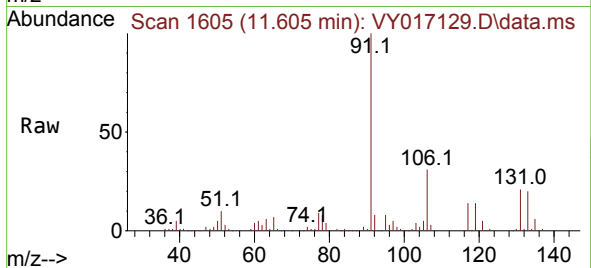
VY0129SBS01

Tgt Ion: 91 Resp: 137359

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.4



#68

m/p-Xylenes

Concen: 39.626 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017129.D

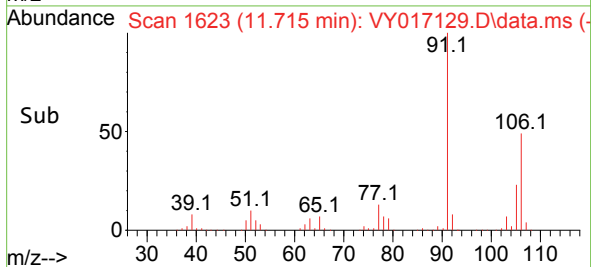
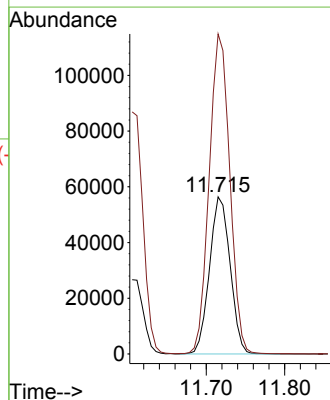
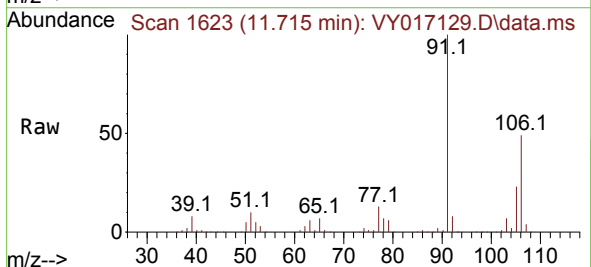
Acq: 29 Jan 2024 12:31

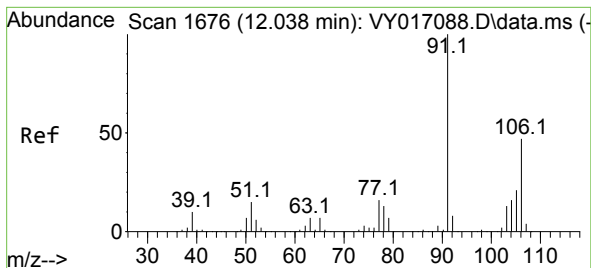
Tgt Ion:106 Resp: 103157

Ion Ratio Lower Upper

106 100

91 203.3 160.7 241.1





#69

o-Xylene

Concen: 19.893 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

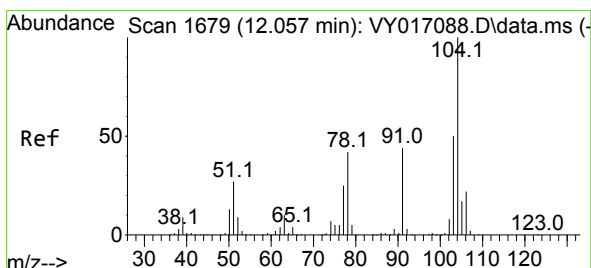
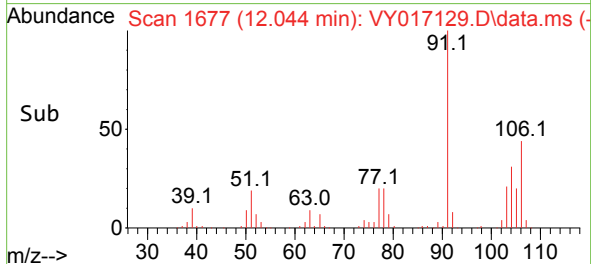
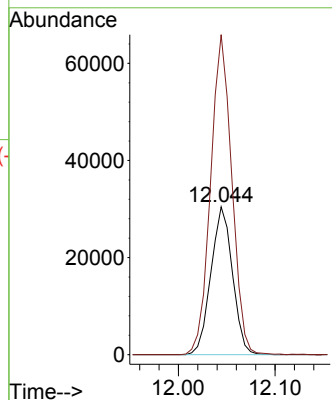
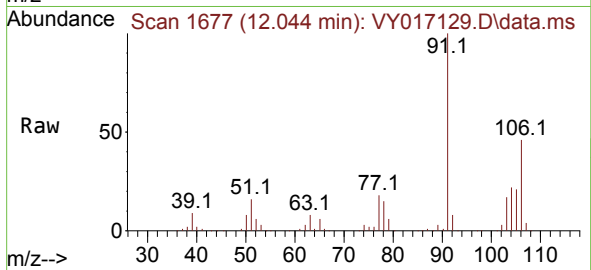
VY0129SBS01

Tgt Ion:106 Resp: 47041

Ion Ratio Lower Upper

106 100

91 213.4 106.5 319.5



#70

Styrene

Concen: 20.531 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.013 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

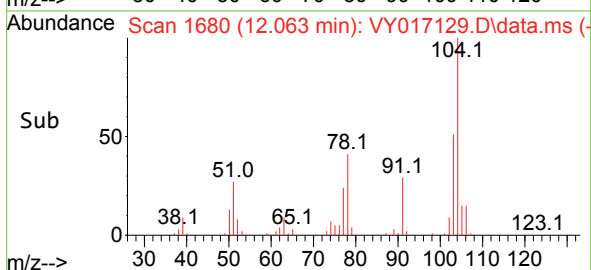
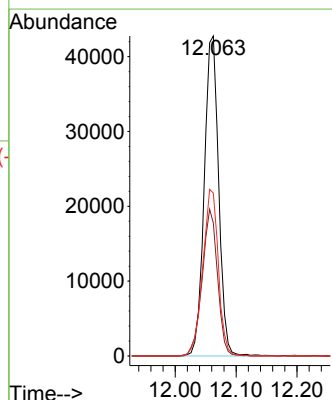
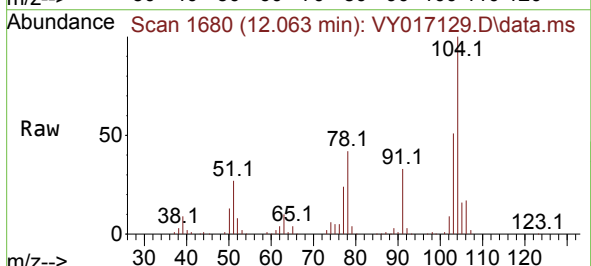
Tgt Ion:104 Resp: 70484

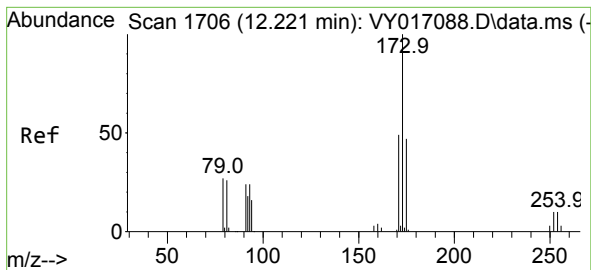
Ion Ratio Lower Upper

104 100

78 48.6 39.2 58.8

103 56.1 43.8 65.6





#71

Bromoform

Concen: 20.905 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

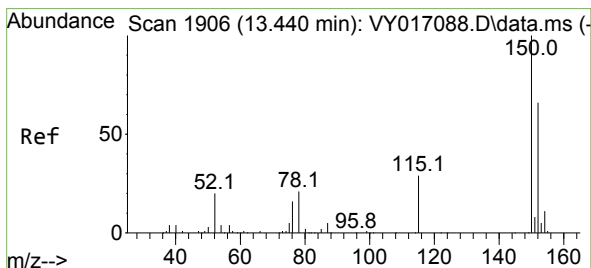
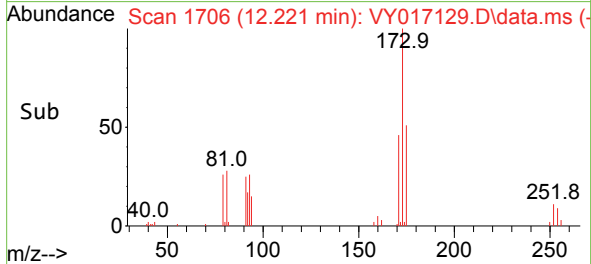
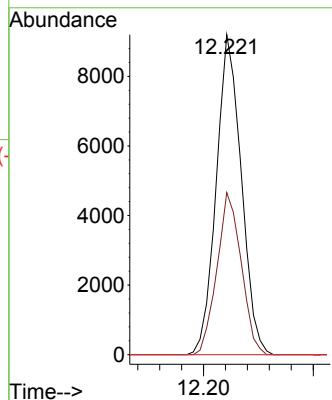
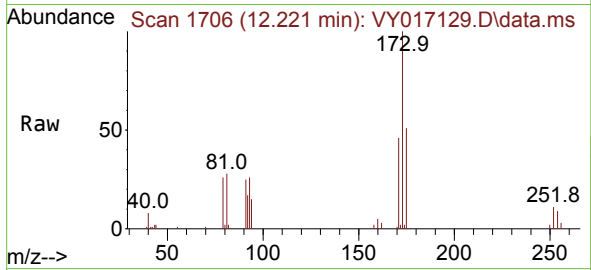
Tgt Ion:173 Resp: 14594

Ion Ratio Lower Upper

173 100

175 49.1 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

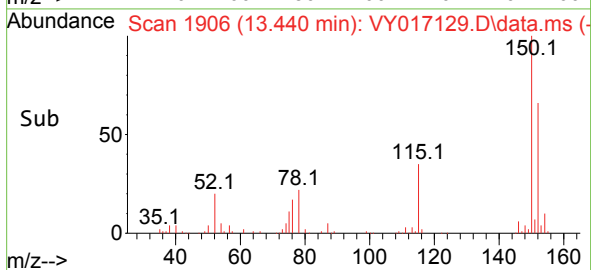
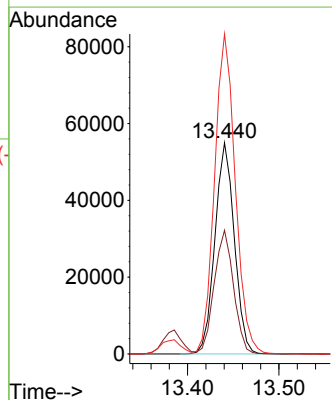
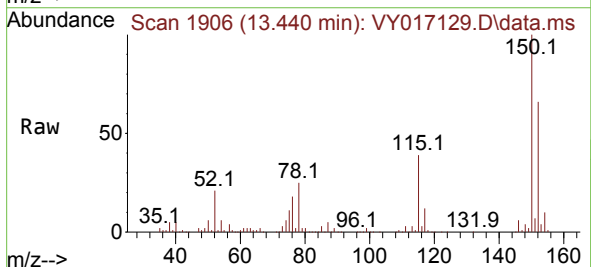
Tgt Ion:152 Resp: 81213

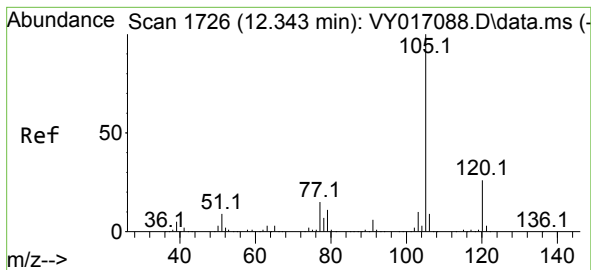
Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 162.0 0.0 344.6





#73

Isopropylbenzene

Concen: 19.482 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

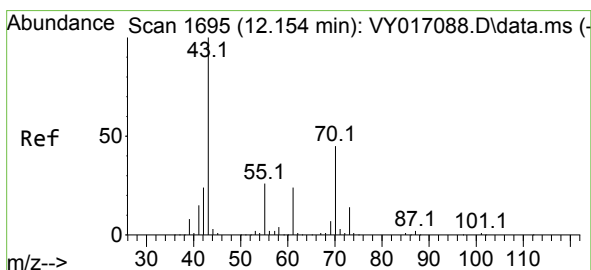
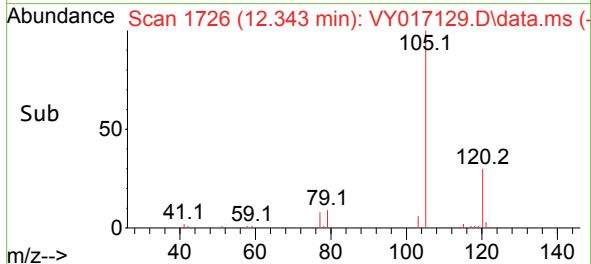
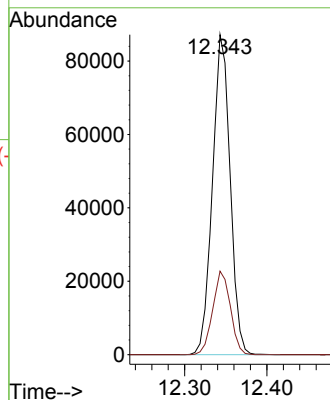
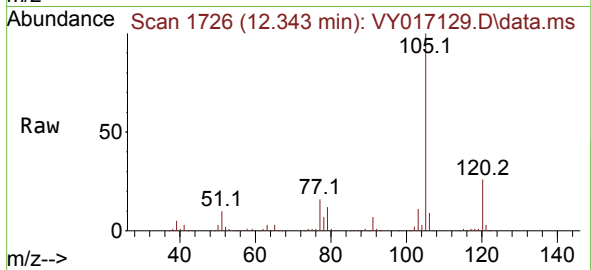
VY0129SBS01

Tgt Ion:105 Resp: 130067

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 20.719 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Tgt Ion: 43 Resp: 27882

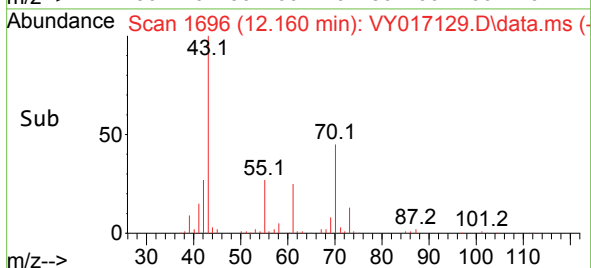
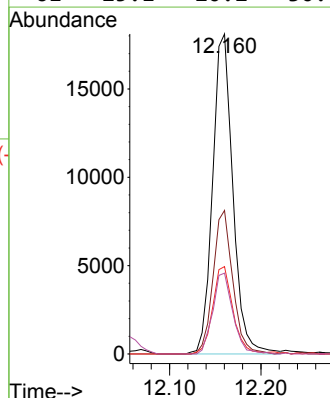
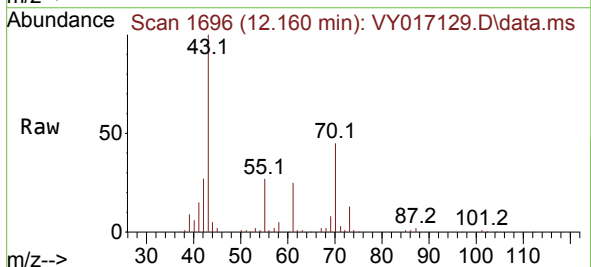
Ion Ratio Lower Upper

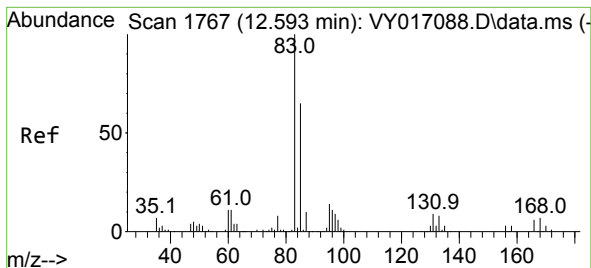
43 100

70 43.5 36.6 55.0

55 27.2 22.2 33.4

61 25.1 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.306 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

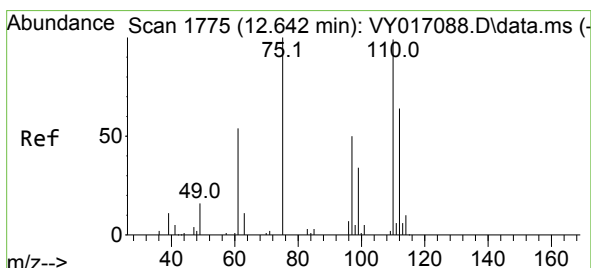
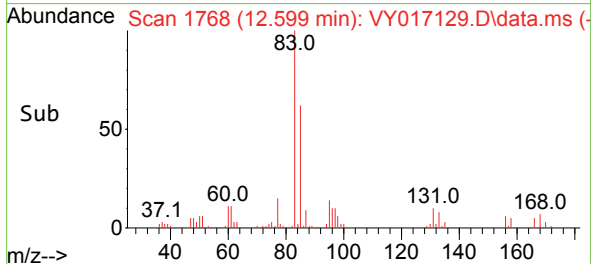
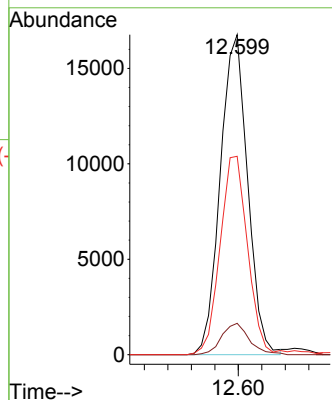
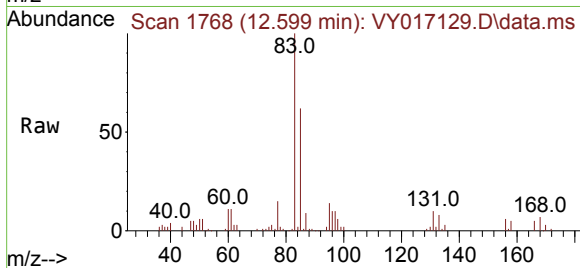
Tgt Ion: 83 Resp: 27124

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.6

85 63.4 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 32.167 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017129.D

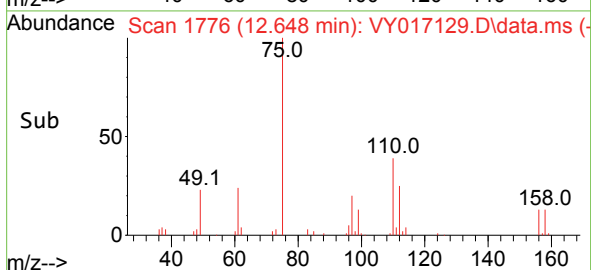
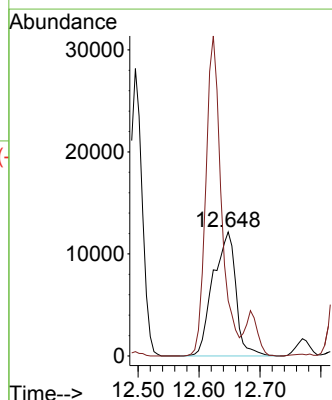
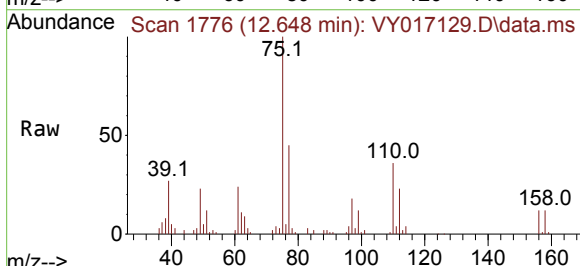
Acq: 29 Jan 2024 12:31

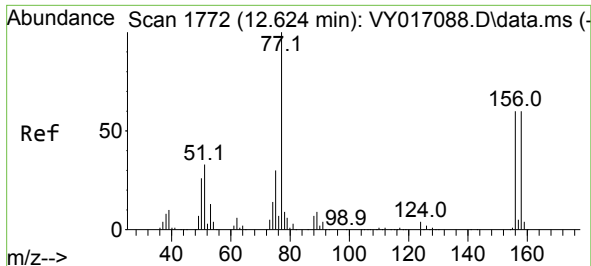
Tgt Ion: 75 Resp: 31709

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

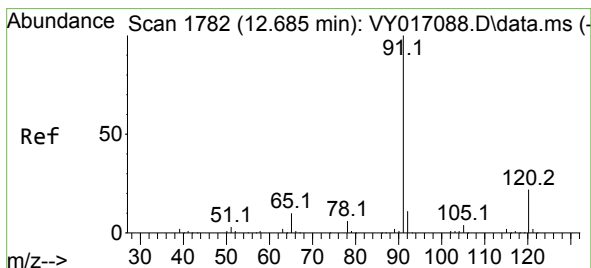
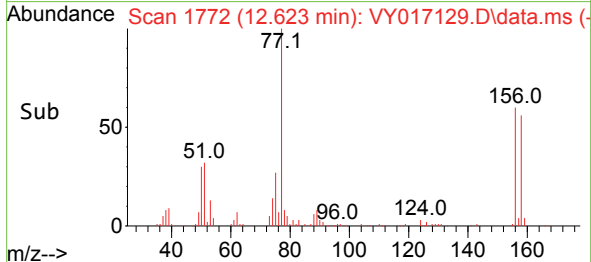
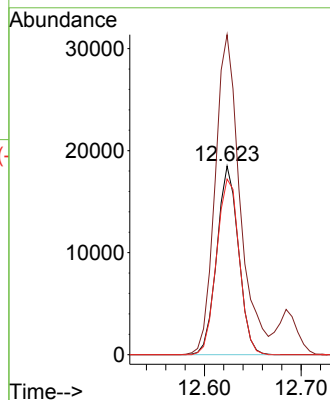
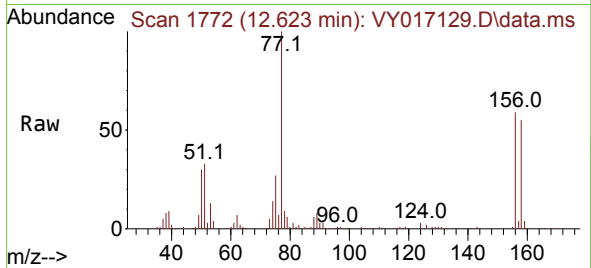




#77
Bromobenzene
Concen: 19.954 ug/l
RT: 12.623 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

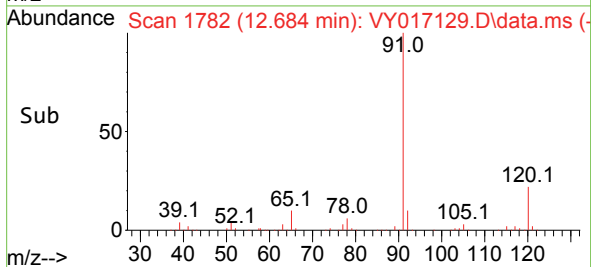
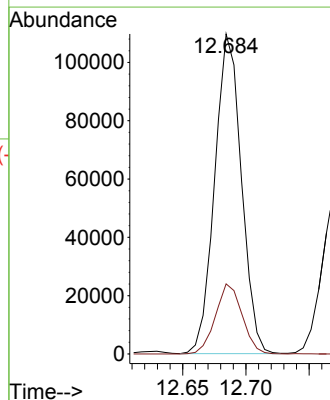
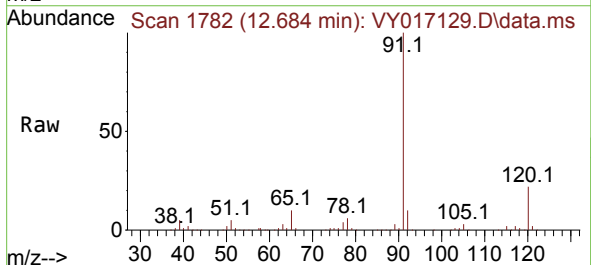
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBSD01

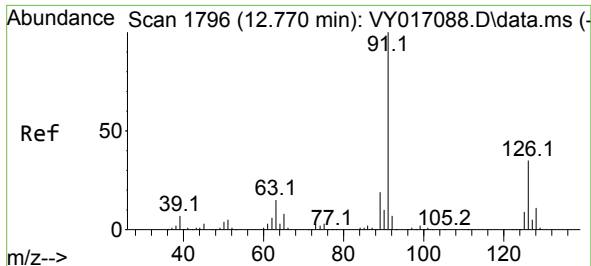
Tgt Ion:156 Resp: 28826
Ion Ratio Lower Upper
156 100
77 194.0 97.3 291.8
158 97.5 48.4 145.0



#78
n-propylbenzene
Concen: 20.005 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion: 91 Resp: 160647
Ion Ratio Lower Upper
91 100
120 21.9 11.0 33.0

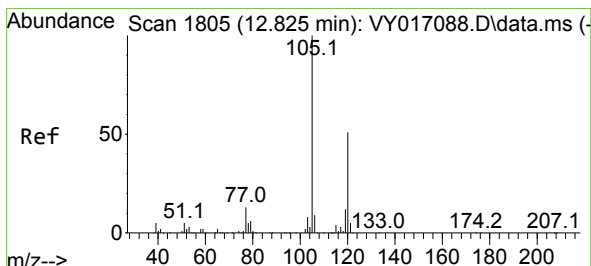
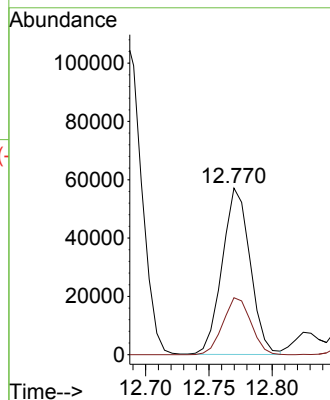
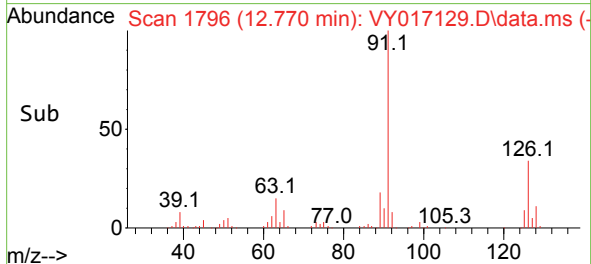
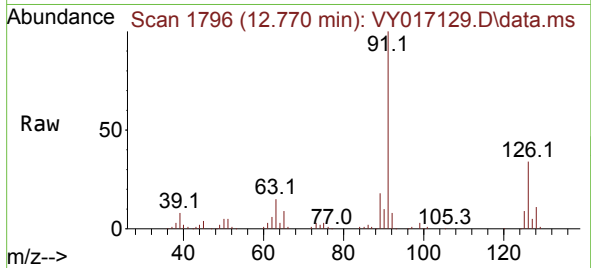




#79
2-Chlorotoluene
Concen: 19.952 ug/l
RT: 12.770 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

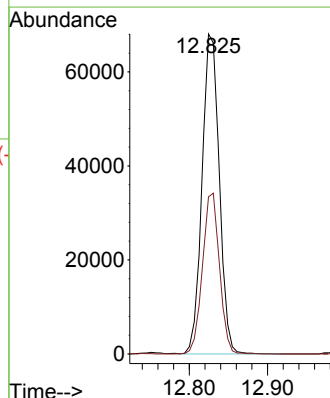
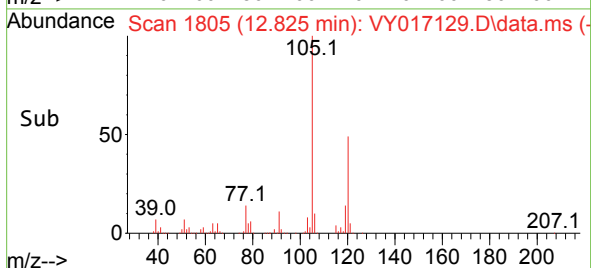
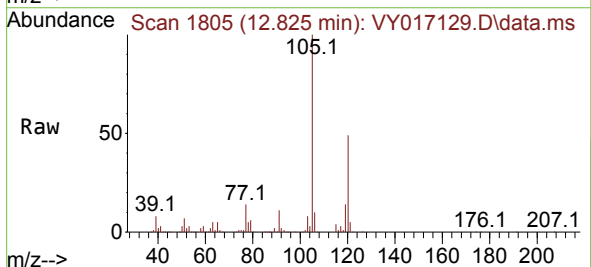
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

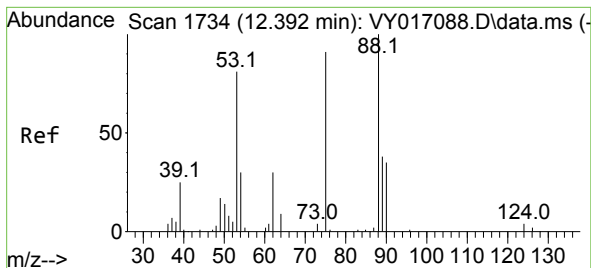
Tgt Ion: 91 Resp: 87921
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 19.684 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.007 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion: 105 Resp: 104008
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.8

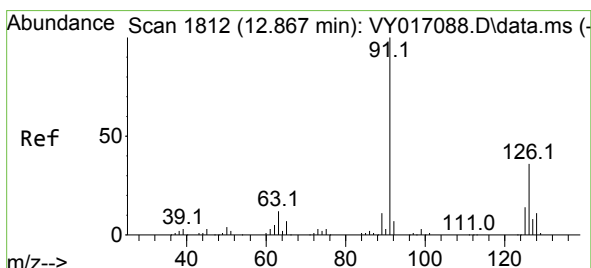
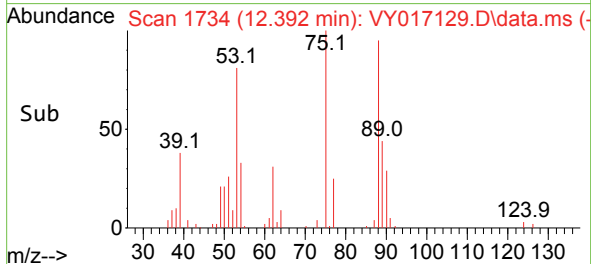
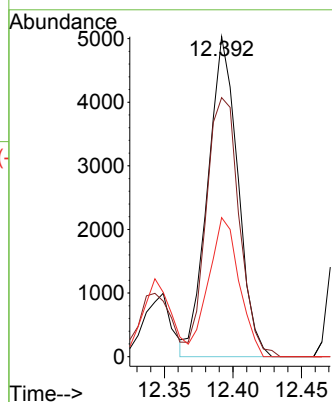
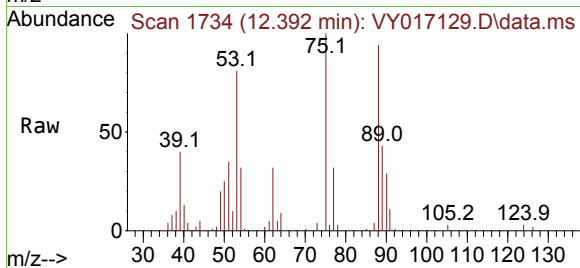




#81
trans-1,4-Dichloro-2-butene
Concen: 20.151 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.007 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

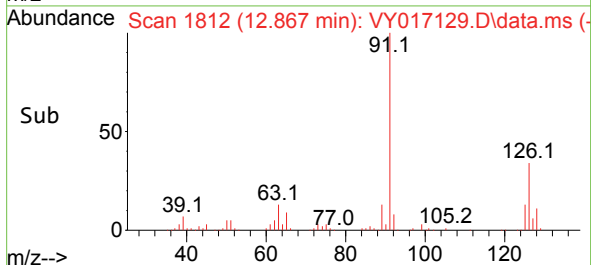
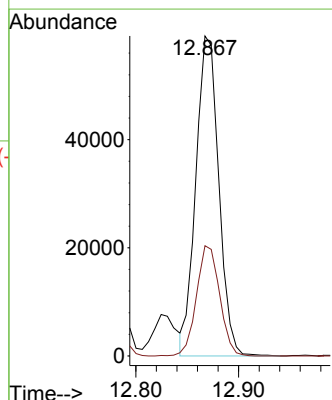
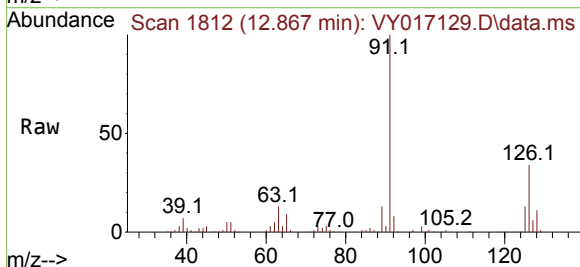
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

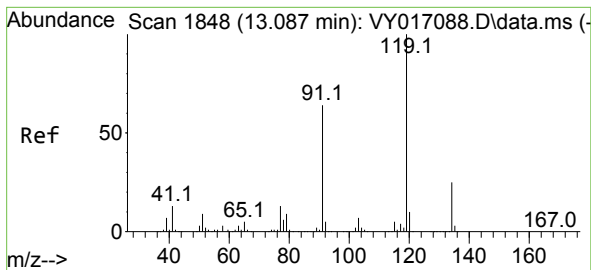
Tgt Ion: 75 Resp: 7673
Ion Ratio Lower Upper
75 100
53 88.1 74.0 111.0
89 44.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.106 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017129.D
Acq: 29 Jan 2024 12:31

Tgt Ion: 91 Resp: 91822
Ion Ratio Lower Upper
91 100
126 34.8 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.177 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. -0.000 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBSD01

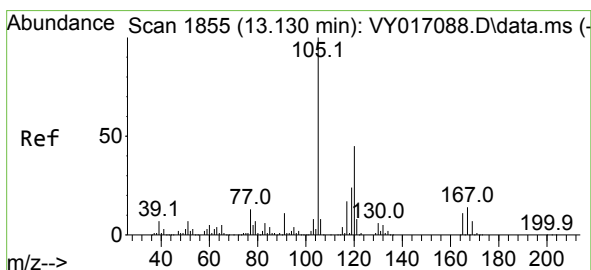
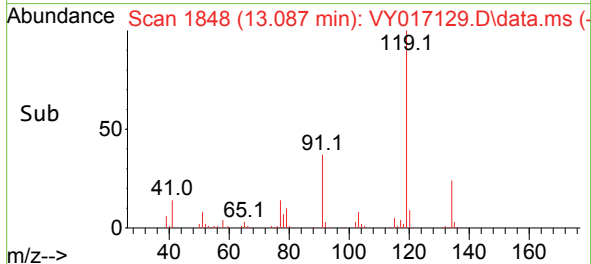
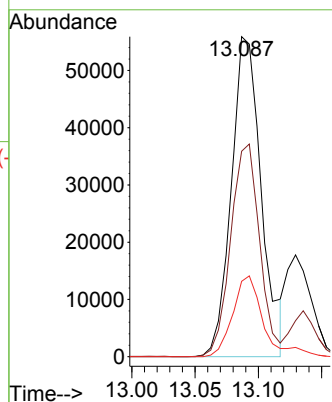
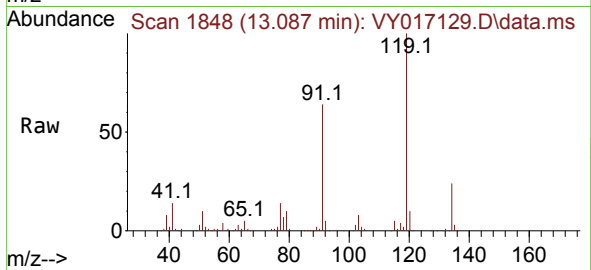
Tgt Ion:119 Resp: 92217

Ion Ratio Lower Upper

119 100

91 64.2 31.5 94.5

134 25.8 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 19.907 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.007 min

Lab File: VY017129.D

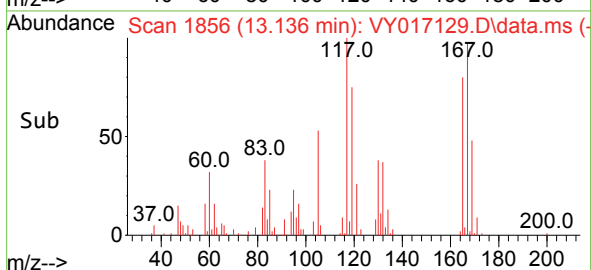
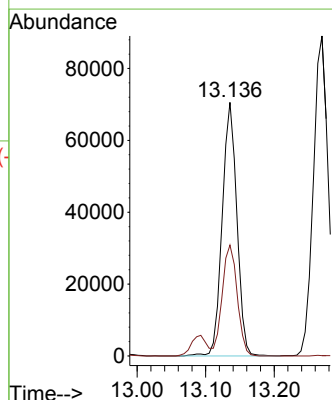
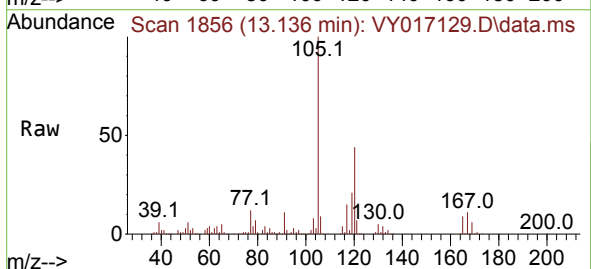
Acq: 29 Jan 2024 12:31

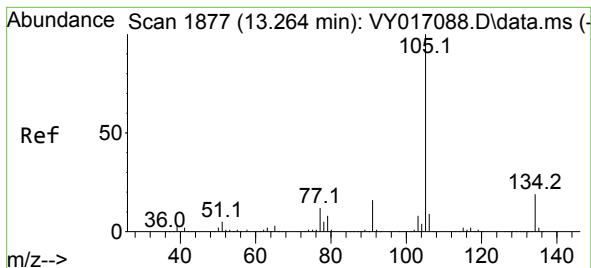
Tgt Ion:105 Resp: 104544

Ion Ratio Lower Upper

105 100

120 45.0 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.853 ug/l

RT: 13.270 min Scan# 1878

Delta R.T. 0.007 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

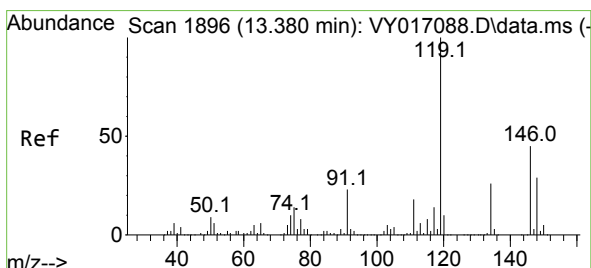
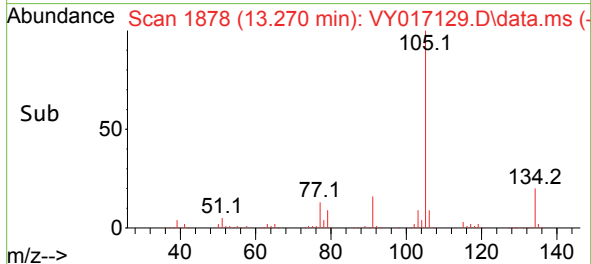
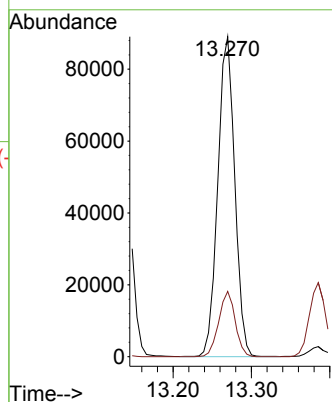
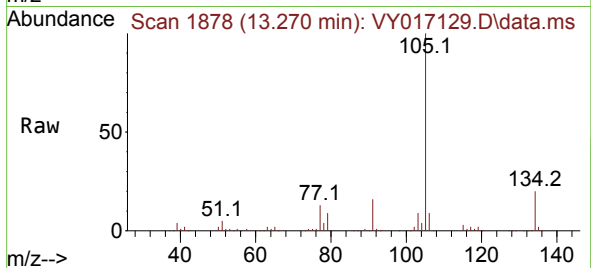
VY0129SBS01

Tgt Ion:105 Resp: 134357

Ion Ratio Lower Upper

105 100

134 19.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.958 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

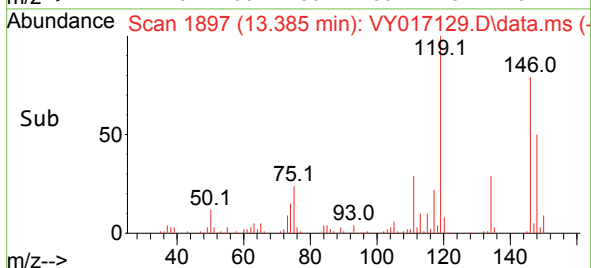
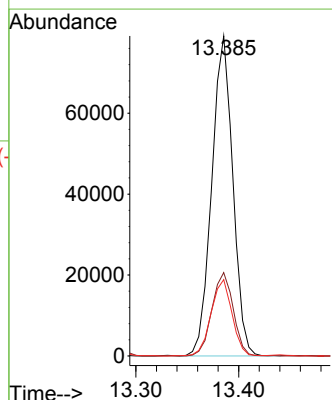
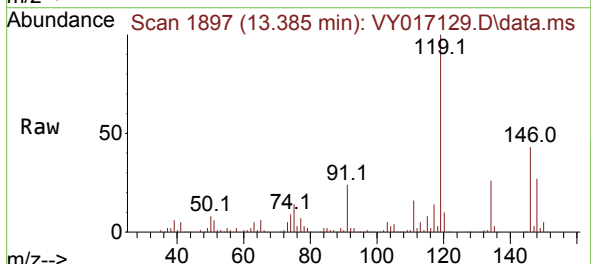
Tgt Ion:119 Resp: 112509

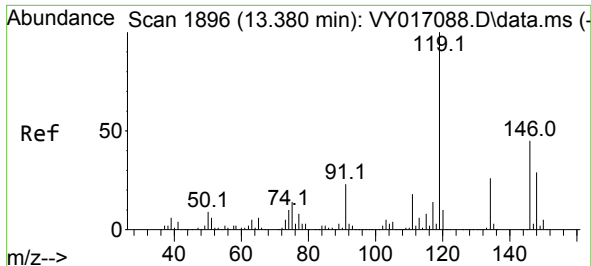
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.9 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 19.964 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBSD01

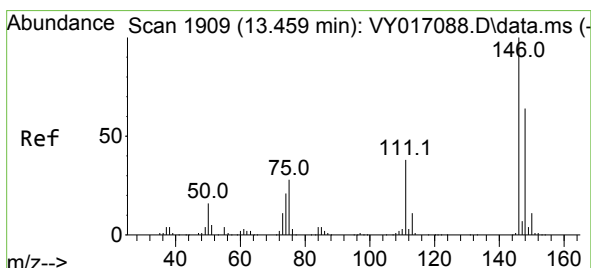
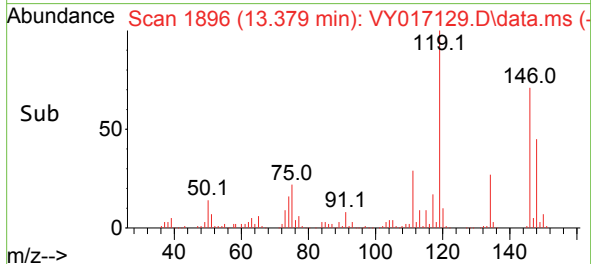
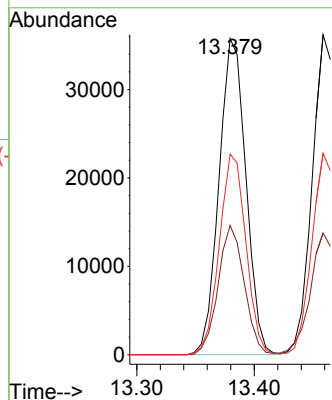
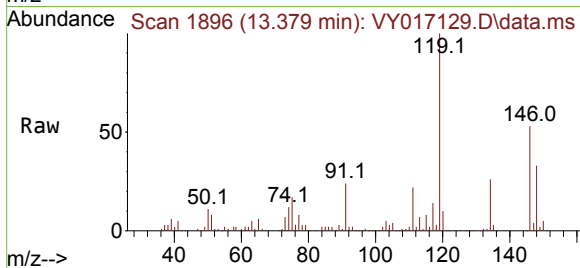
Tgt Ion:146 Resp: 56942

Ion Ratio Lower Upper

146 100

111 39.6 20.2 60.5

148 62.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.068 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

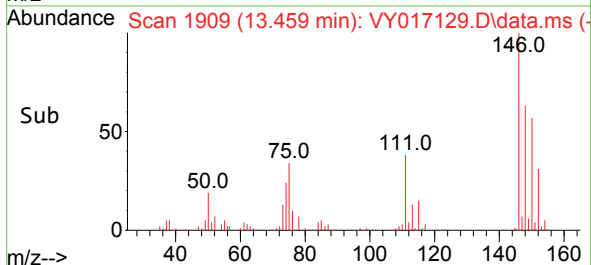
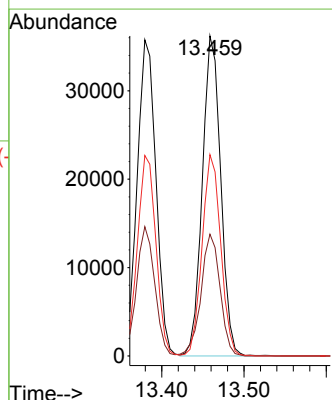
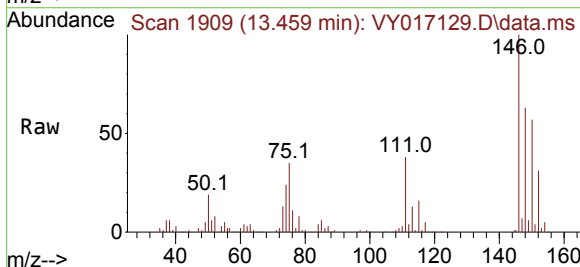
Tgt Ion:146 Resp: 56317

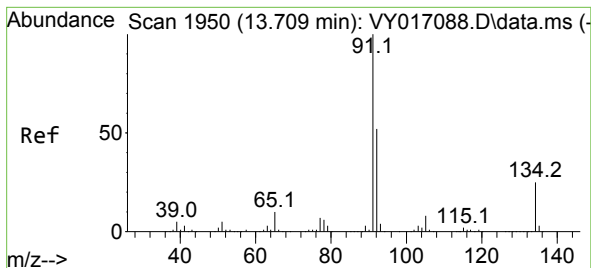
Ion Ratio Lower Upper

146 100

111 39.5 19.3 57.9

148 63.7 31.6 94.7





#89

n-Butylbenzene

Concen: 19.819 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. 0.007 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

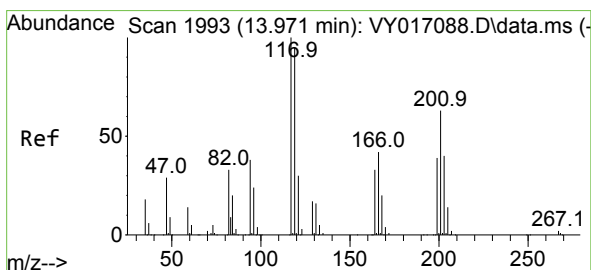
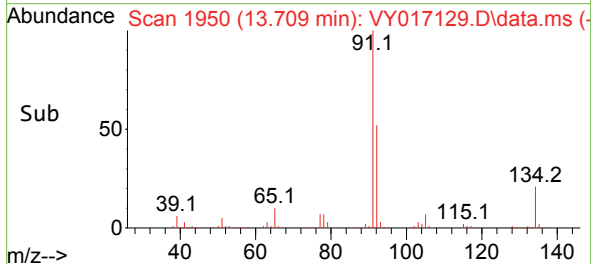
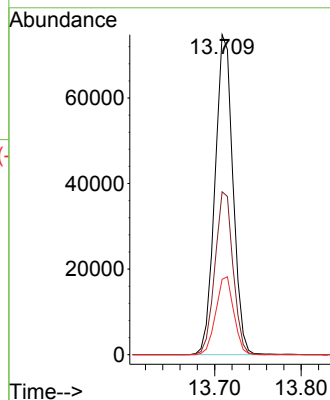
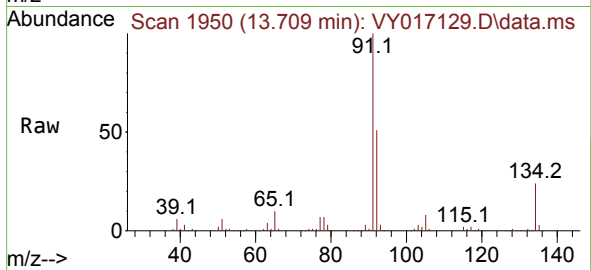
Tgt Ion: 91 Resp: 107761

Ion Ratio Lower Upper

91 100

92 51.3 26.4 79.2

134 24.4 12.3 36.8



#90

Hexachloroethane

Concen: 19.707 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY017129.D

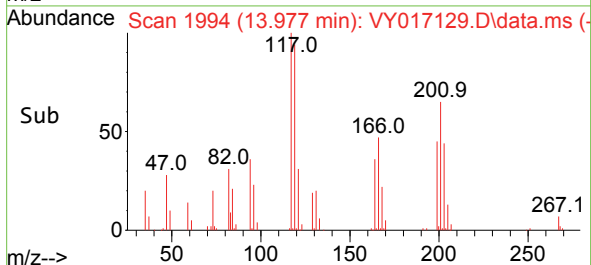
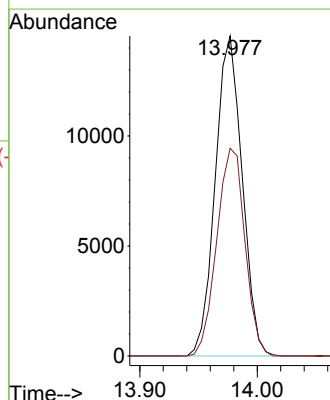
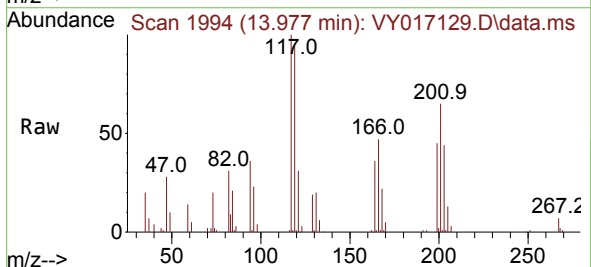
Acq: 29 Jan 2024 12:31

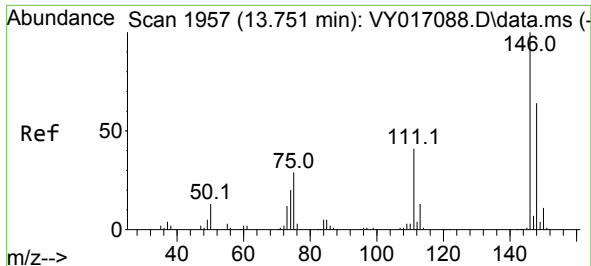
Tgt Ion: 117 Resp: 23155

Ion Ratio Lower Upper

117 100

201 68.0 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 20.100 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

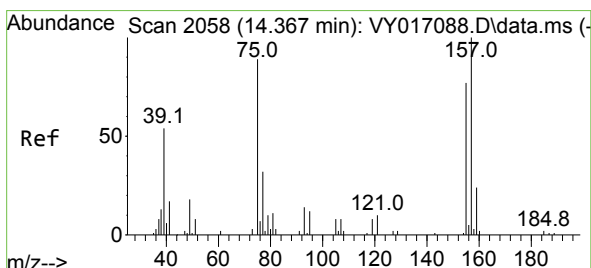
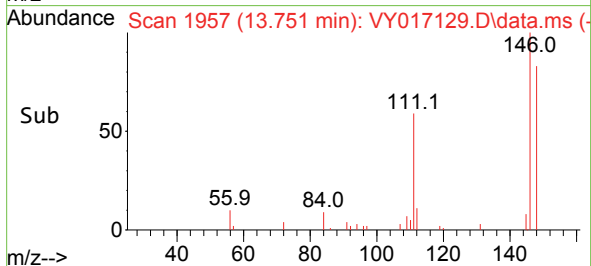
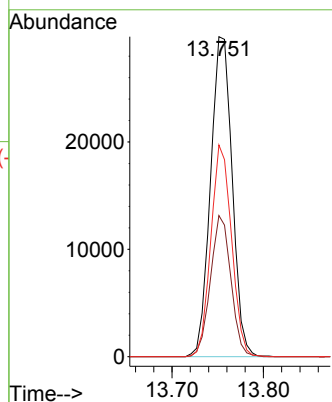
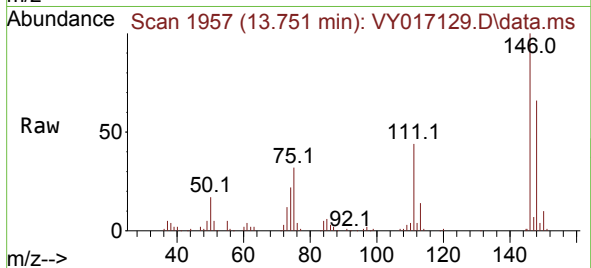
Tgt Ion:146 Resp: 48958

Ion Ratio Lower Upper

146 100

111 41.7 20.5 61.6

148 63.3 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.945 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

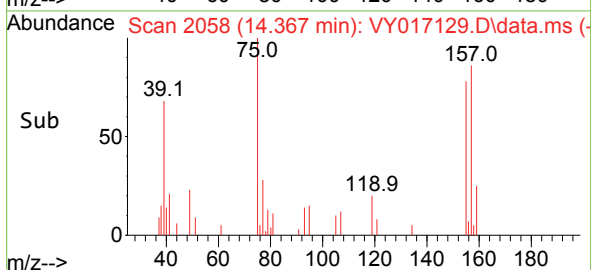
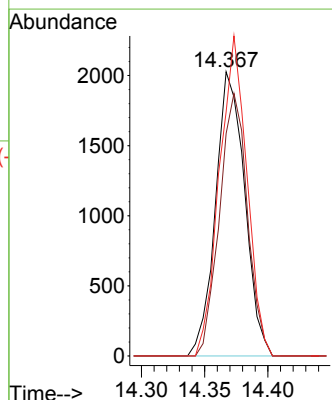
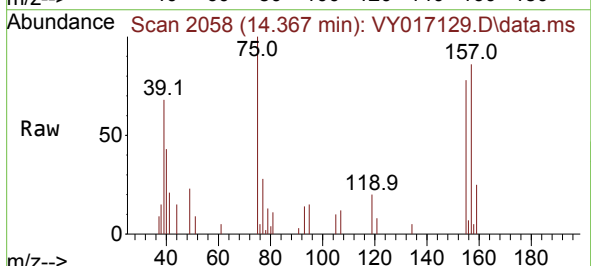
Tgt Ion: 75 Resp: 3243

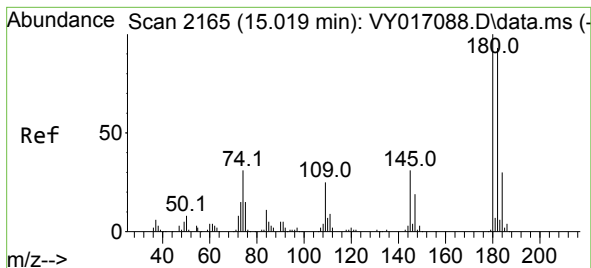
Ion Ratio Lower Upper

75 100

155 88.5 42.1 126.3

157 106.1 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 19.333 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBSD01

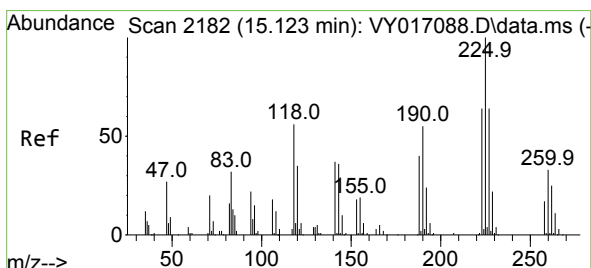
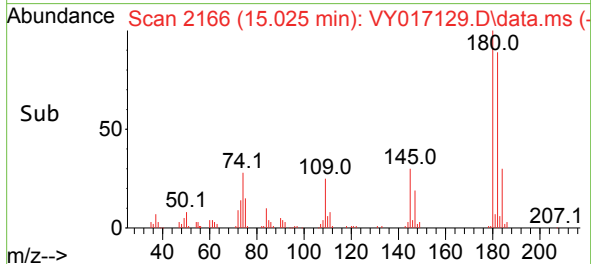
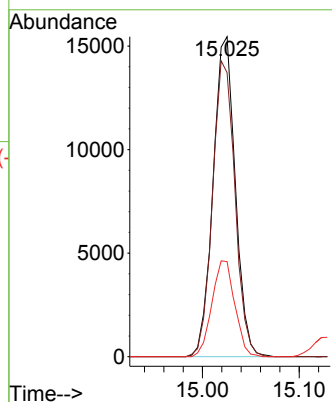
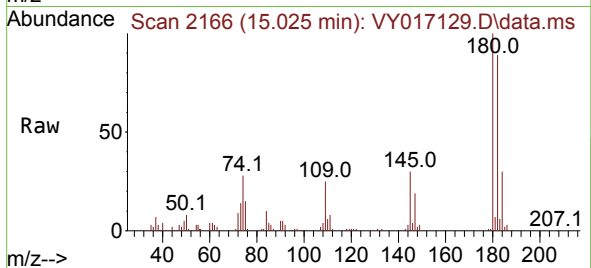
Tgt Ion:180 Resp: 24607

Ion Ratio Lower Upper

180 100

182 93.2 47.9 143.7

145 30.9 15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.405 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

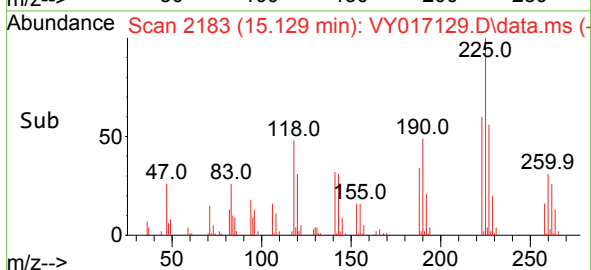
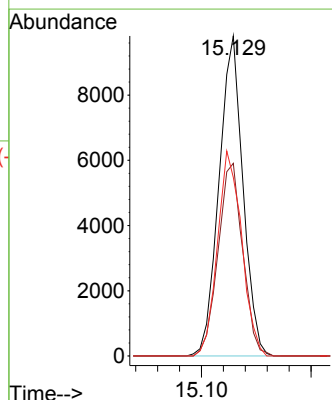
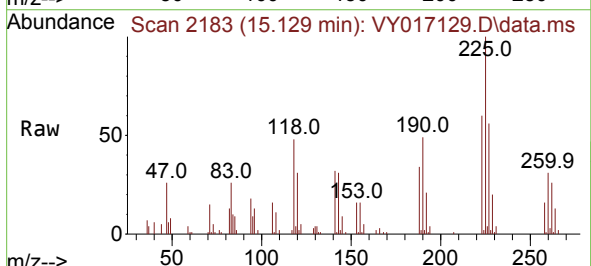
Tgt Ion:225 Resp: 14865

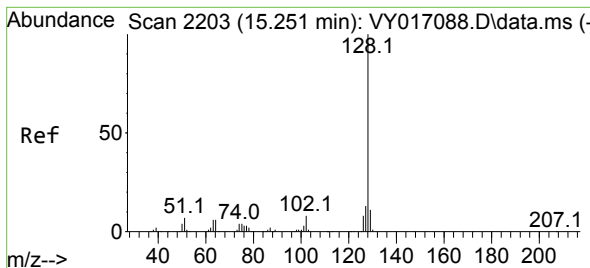
Ion Ratio Lower Upper

225 100

223 62.0 31.4 94.3

227 64.7 32.3 96.8





#95

Naphthalene

Concen: 18.692 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

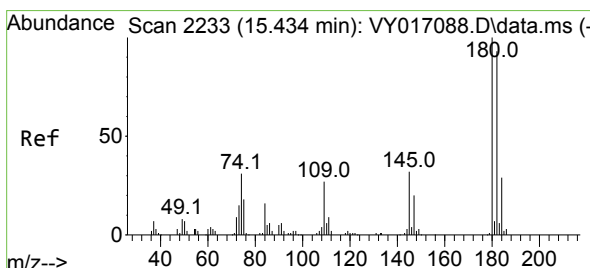
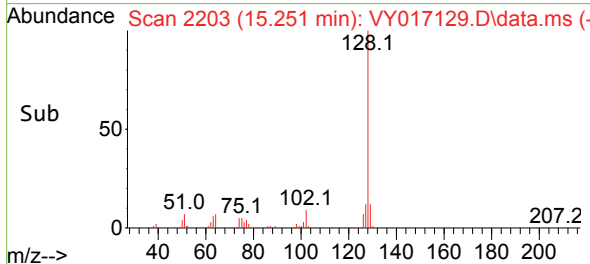
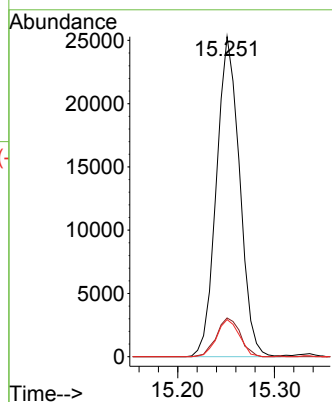
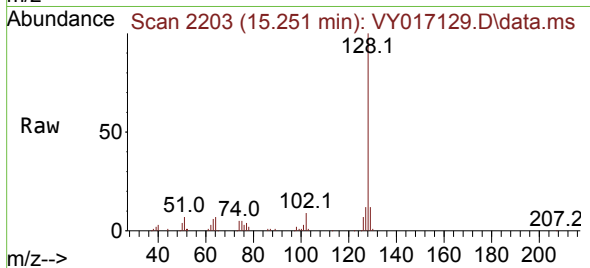
Tgt Ion:128 Resp: 42022

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 11.3 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.061 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY017129.D

Acq: 29 Jan 2024 12:31

Tgt Ion:180 Resp: 20185

Ion Ratio Lower Upper

180 100

182 93.6 46.3 138.8

145 33.7 16.1 48.2

