

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017491.D
 Acq On : 27 Feb 2024 13:04
 Operator : SY/MD
 Sample : VY0227SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBS01

Quant Time: Feb 28 00:14:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	158325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	248810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	217342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103589	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	69904	46.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.180%
35) Dibromofluoromethane	7.710	113	80641	46.512	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.020%
50) Toluene-d8	10.179	98	302388	49.883	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.483	95	92139	48.364	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	21916	18.765	ug/l	99
3) Chloromethane	2.113	50	38243	17.922	ug/l	99
4) Vinyl Chloride	2.247	62	48949	17.880	ug/l	100
5) Bromomethane	2.644	94	41060	18.405	ug/l	96
6) Chloroethane	2.784	64	31414	18.190	ug/l	99
7) Trichlorofluoromethane	3.113	101	51848	18.583	ug/l	99
8) Diethyl Ether	3.522	74	15090	18.440	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	30258	18.854	ug/l	98
10) Methyl Iodide	4.088	142	31263	17.358	ug/l	98
11) Tert butyl alcohol	4.942	59	10807	84.789	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	28132	18.809	ug/l	93
13) Acrolein	3.723	56	18692	111.145	ug/l	98
14) Allyl chloride	4.473	41	32015	17.716	ug/l	98
15) Acrylonitrile	5.161	53	30601	90.966	ug/l	99
16) Acetone	3.942	43	28735	98.734	ug/l	98
17) Carbon Disulfide	4.186	76	77419	17.245	ug/l	97
18) Methyl Acetate	4.473	43	12092	17.126	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	62139	17.825	ug/l	97
20) Methylene Chloride	4.710	84	39325	19.676	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	32052	18.303	ug/l	97
22) Diisopropyl ether	6.112	45	78326	18.782	ug/l	97
23) Vinyl Acetate	6.058	43	226982	91.341	ug/l	99
24) 1,1-Dichloroethane	6.009	63	51843	18.197	ug/l	99
25) 2-Butanone	6.984	43	39309	94.775	ug/l	99
26) 2,2-Dichloropropane	6.972	77	44162	18.437	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	36003	18.311	ug/l	97
28) Bromochloromethane	7.332	49	22765	20.289	ug/l	93
29) Tetrahydrofuran	7.344	42	22624	90.488	ug/l	99
30) Chloroform	7.503	83	56557	18.646	ug/l	95
31) Cyclohexane	7.783	56	43259	17.715	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	48214	18.308	ug/l	98
36) 1,1-Dichloropropene	7.911	75	42192	18.037	ug/l	99
37) Ethyl Acetate	7.070	43	16464	17.820	ug/l	98
38) Carbon Tetrachloride	7.893	117	43082	18.376	ug/l	98
39) Methylcyclohexane	9.185	83	48968	17.418	ug/l	98
40) Benzene	8.155	78	126730	18.243	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	8783	18.944	ug/l	93
42) 1,2-Dichloroethane	8.234	62	31528	18.601	ug/l	99
43) Isopropyl Acetate	8.271	43	28678	17.664	ug/l	98
44) Trichloroethene	8.935	130	36215	18.086	ug/l	96
45) 1,2-Dichloropropane	9.216	63	29772	18.013	ug/l	96
46) Dibromomethane	9.301	93	17490	18.490	ug/l	97
47) Bromodichloromethane	9.496	83	42311	18.422	ug/l	95
48) Methyl methacrylate	9.289	41	13215	17.585	ug/l	93
49) 1,4-Dioxane	9.301	88	3756	350.870	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	79982	88.391	ug/l	98
52) Toluene	10.240	92	79774	18.216	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	38407	18.017	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	47609	18.380	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	24852	18.505	ug/l	96
56) Ethyl methacrylate	10.508	69	26669	17.860	ug/l	98
57) 1,3-Dichloropropane	10.789	76	40142	18.384	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	72247	93.225	ug/l	99
59) 2-Hexanone	10.831	43	59365	95.514	ug/l	99
60) Dibromochloromethane	10.984	129	29633	18.652	ug/l	99
61) 1,2-Dibromoethane	11.087	107	22830	18.447	ug/l	99
64) Tetrachloroethene	10.721	164	36584	17.537	ug/l	97
65) Chlorobenzene	11.514	112	84593	18.337	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	30800	17.821	ug/l	99
67) Ethyl Benzene	11.593	91	144907	17.911	ug/l	96
68) m/p-Xylenes	11.703	106	116454	36.631	ug/l	98
69) o-Xylene	12.026	106	53377	18.098	ug/l	97
70) Styrene	12.044	104	89434	18.268	ug/l	98
71) Bromoform	12.209	173	17661	18.441	ug/l #	98
73) Isopropylbenzene	12.331	105	138982	18.059	ug/l	99
74) N-amyl acetate	12.142	43	24601	18.124	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	26040	19.704	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	31401	31.903	ug/l #	100
77) Bromobenzene	12.611	156	33644	18.052	ug/l	99
78) n-propylbenzene	12.672	91	171202	18.540	ug/l	99
79) 2-Chlorotoluene	12.758	91	94340	18.247	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	112959	18.320	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	7930	18.513	ug/l	99
82) 4-Chlorotoluene	12.855	91	97275	18.395	ug/l	98
83) tert-Butylbenzene	13.075	119	98732	18.236	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	113004	18.565	ug/l	98
85) sec-Butylbenzene	13.251	105	151544	18.307	ug/l	100
86) p-Isopropyltoluene	13.367	119	124631	18.392	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	68022	18.183	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	67964	18.687	ug/l	99
89) n-Butylbenzene	13.697	91	113298	18.326	ug/l	99
90) Hexachloroethane	13.959	117	25340	18.653	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	58160	18.380	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3329	17.918	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	31292	18.722	ug/l	99
94) Hexachlorobutadiene	15.111	225	20129	19.506	ug/l	98
95) Naphthalene	15.239	128	50456	18.274	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	26748	18.655	ug/l	99

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

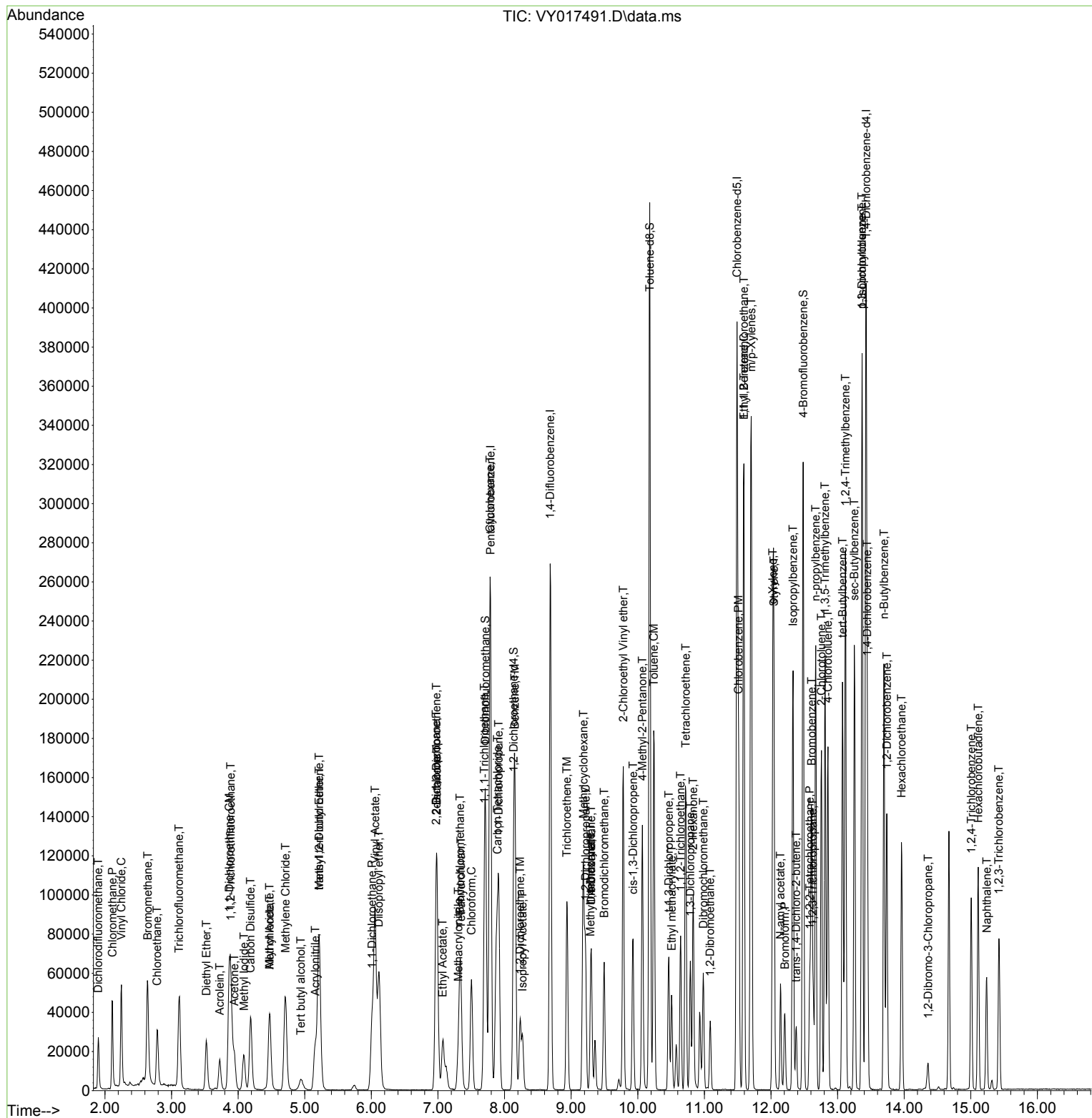
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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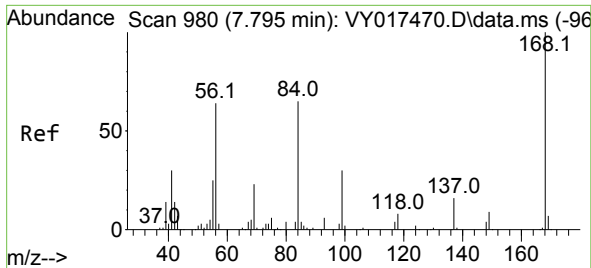
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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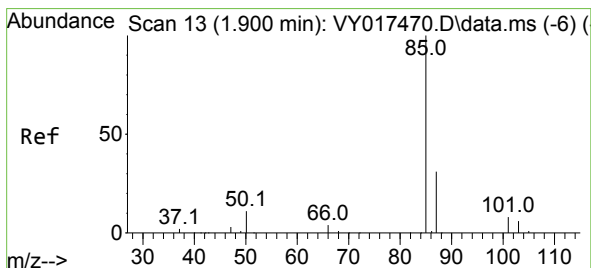
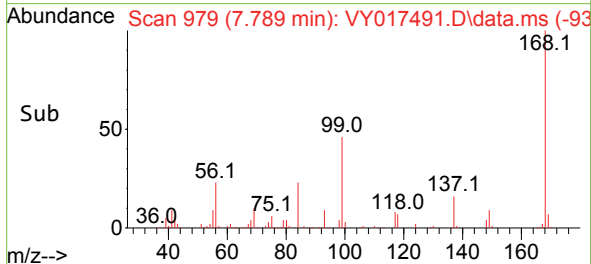
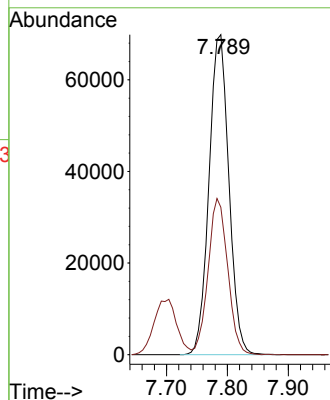
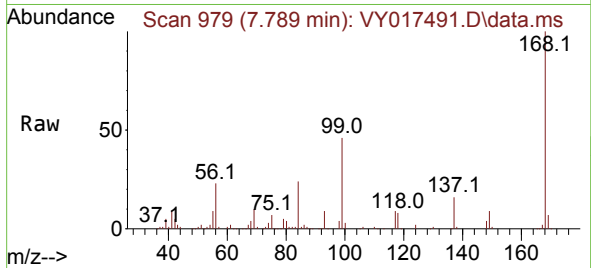




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017491.D
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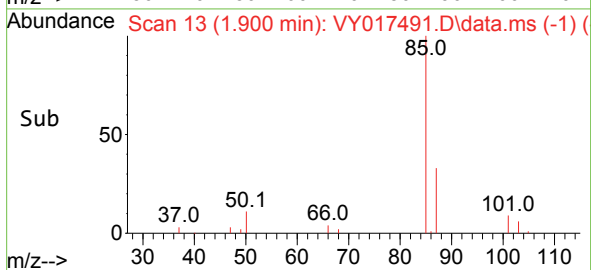
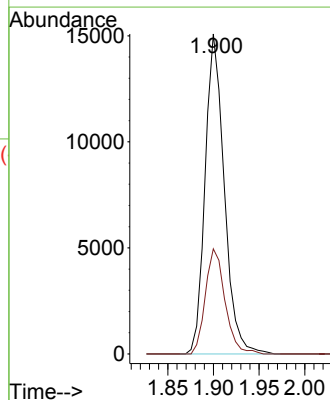
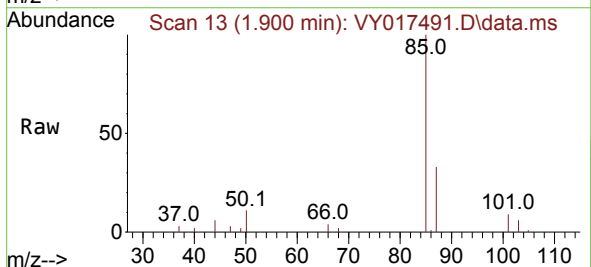
Instrument :
MSVOA_Y
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VY0227SBS01

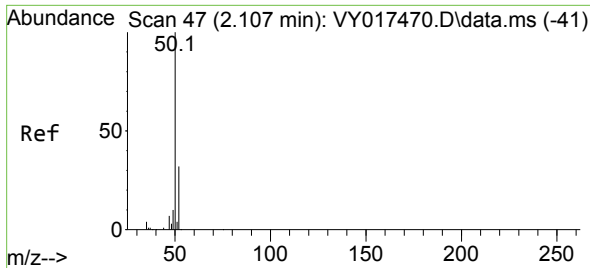
Tgt Ion:168 Resp: 158325
Ion Ratio Lower Upper
168 100
99 46.1 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 18.765 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 85 Resp: 21916
Ion Ratio Lower Upper
85 100
87 32.8 16.0 48.0

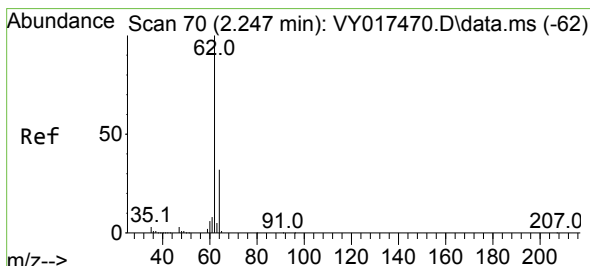
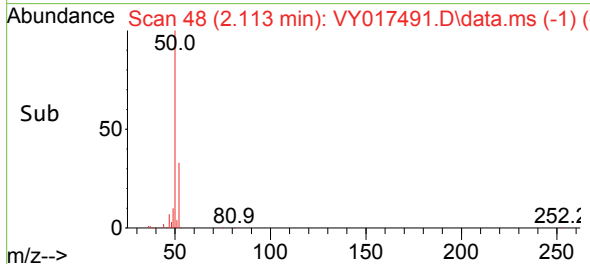
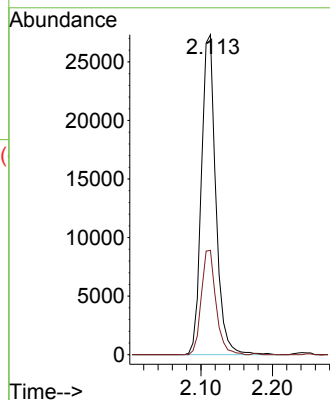
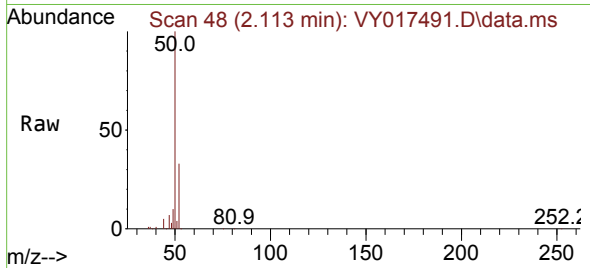




#3
Chloromethane
Concen: 17.922 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

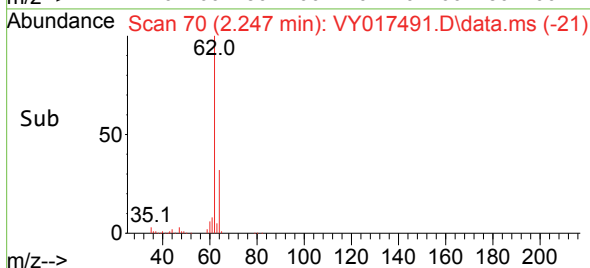
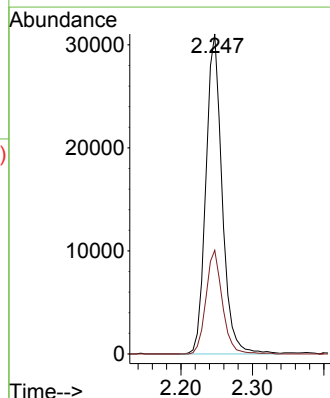
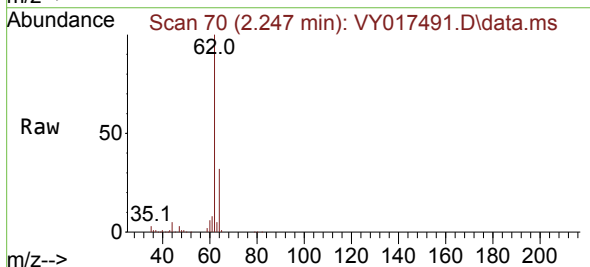
Instrument :
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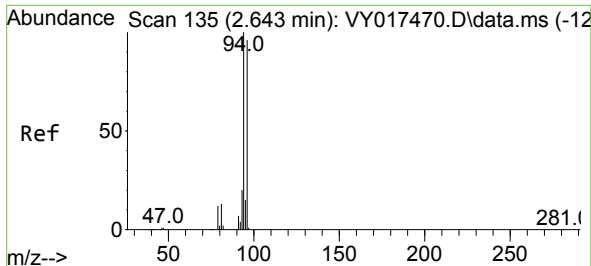
Tgt Ion: 50 Resp: 38243
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4



#4
Vinyl Chloride
Concen: 17.880 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 62 Resp: 48949
Ion Ratio Lower Upper
62 100
64 32.4 26.1 39.1

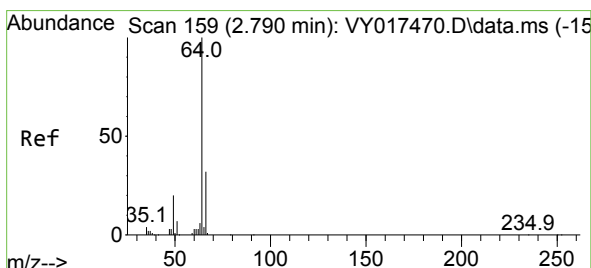
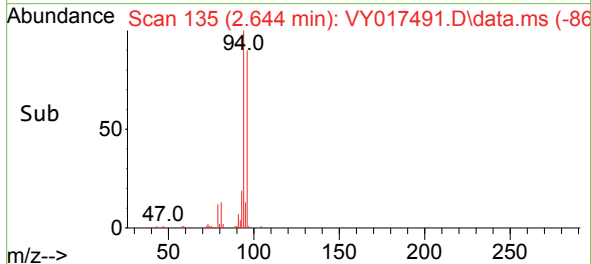
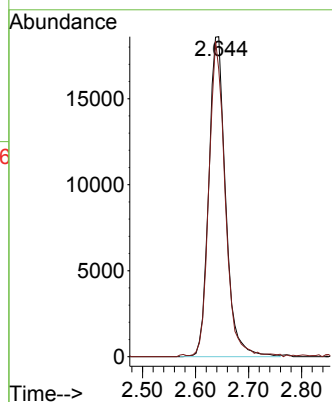
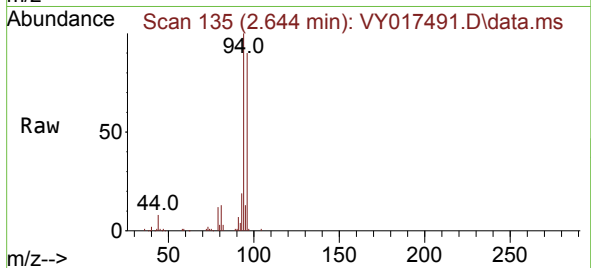




#5
Bromomethane
Concen: 18.405 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

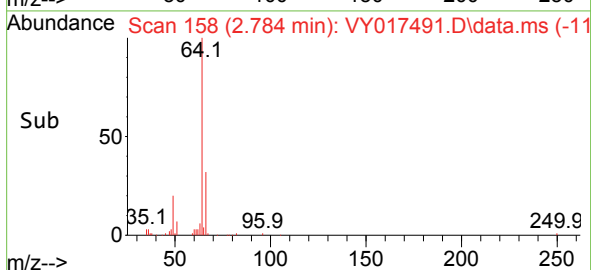
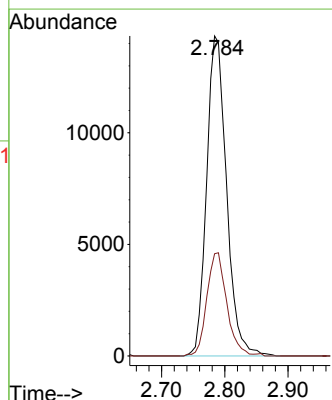
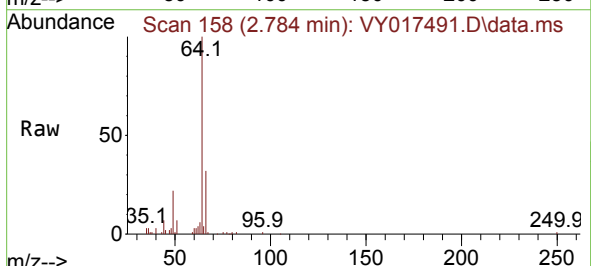
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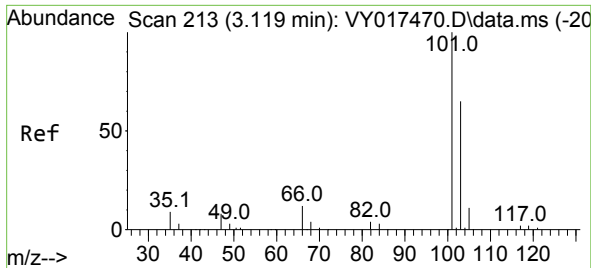
Tgt Ion: 94 Resp: 41060
Ion Ratio Lower Upper
94 100
96 89.2 74.1 111.1



#6
Chloroethane
Concen: 18.190 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 64 Resp: 31414
Ion Ratio Lower Upper
64 100
66 31.9 26.1 39.1

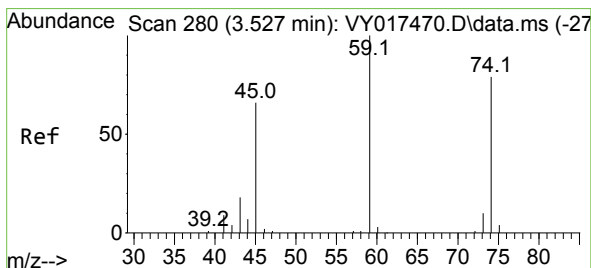
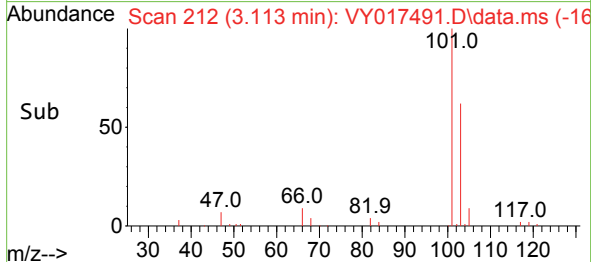
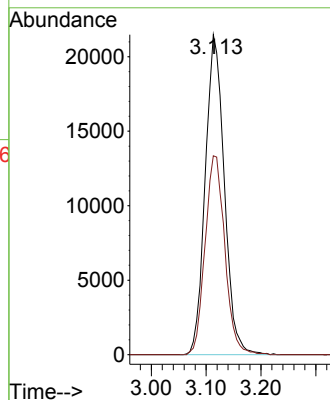
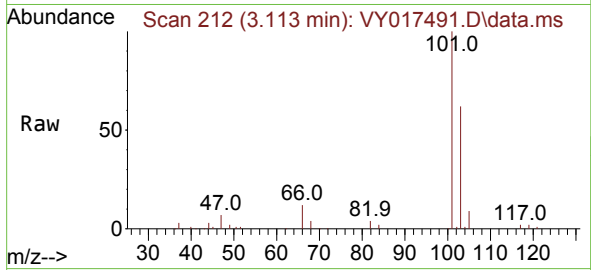




#7
 Trichlorofluoromethane
 Concen: 18.583 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY017491.D
 Acq: 27 Feb 2024 13:04

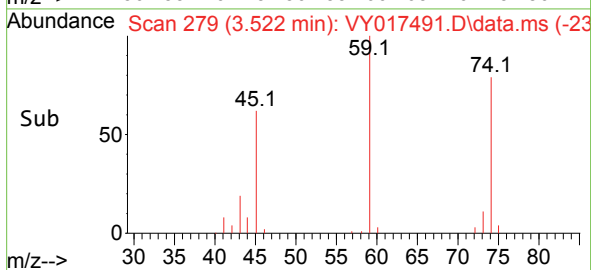
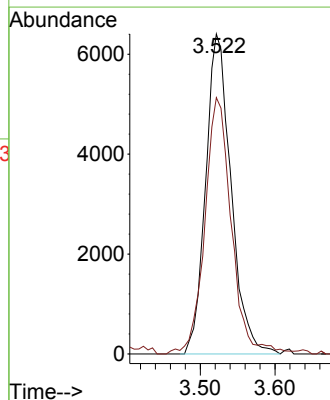
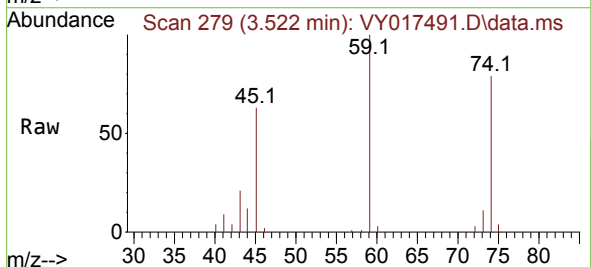
Instrument :
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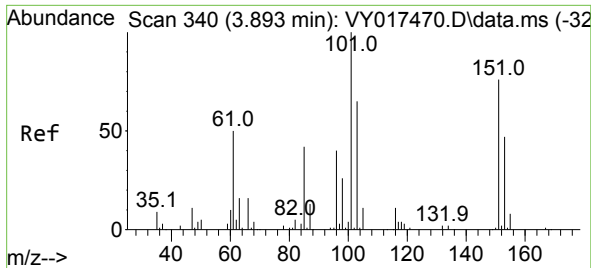
Tgt Ion:101 Resp: 51848
 Ion Ratio Lower Upper
 101 100
 103 62.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 18.440 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 15090
 Ion Ratio Lower Upper
 74 100
 45 83.8 41.3 124.1

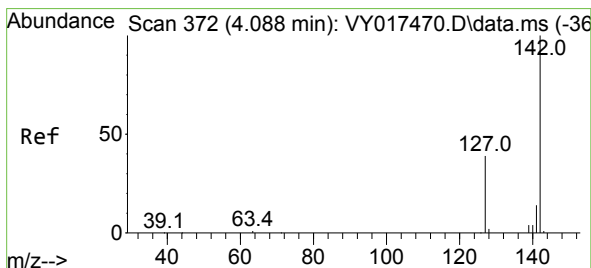
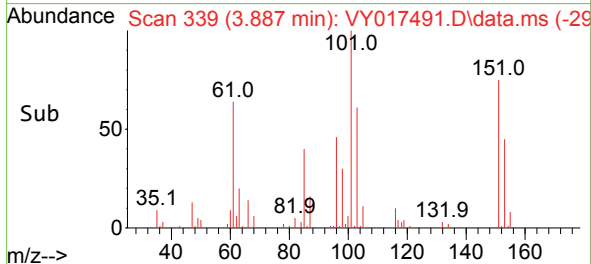
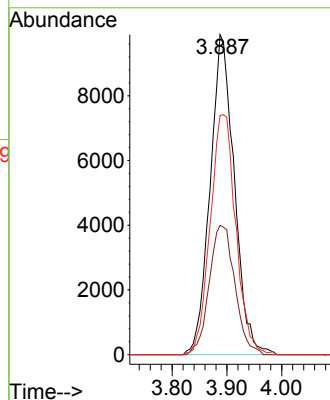
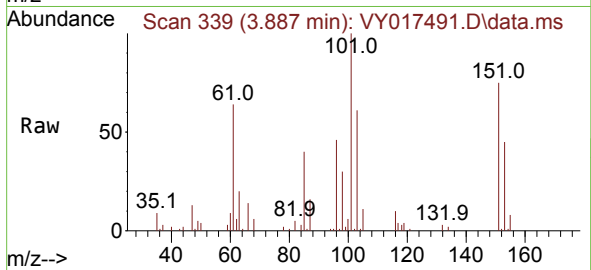




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.854 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

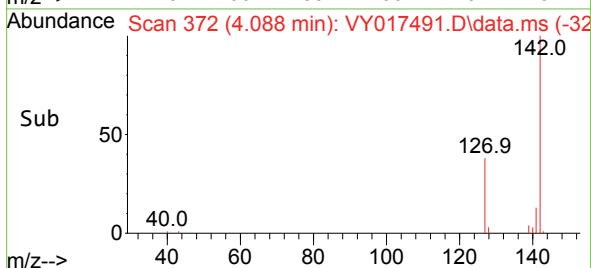
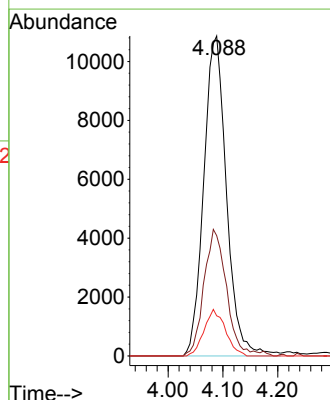
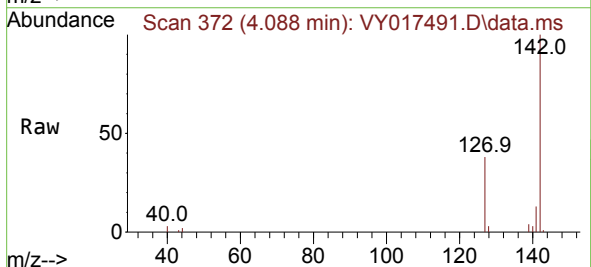
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

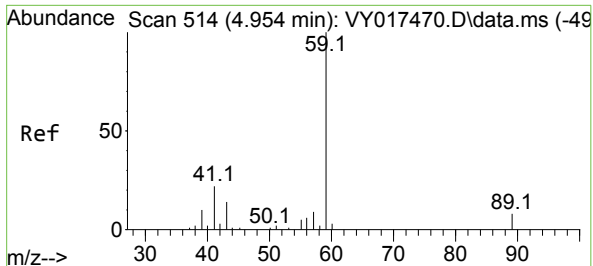
Tgt Ion:101 Resp: 30258
Ion Ratio Lower Upper
101 100
85 42.9 34.5 51.7
151 79.4 61.7 92.5



#10
Methyl Iodide
Concen: 17.358 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion:142 Resp: 31263
Ion Ratio Lower Upper
142 100
127 39.6 32.8 49.2
141 13.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 84.789 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

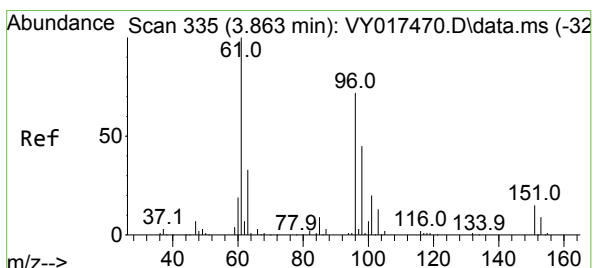
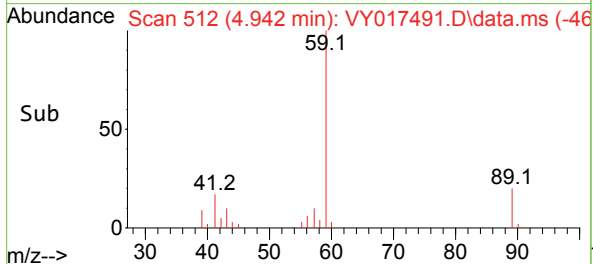
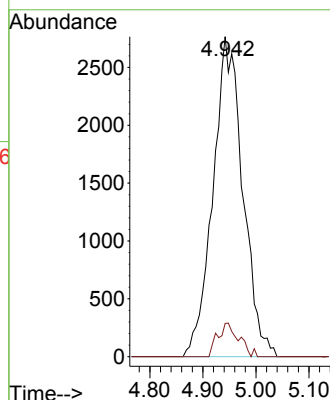
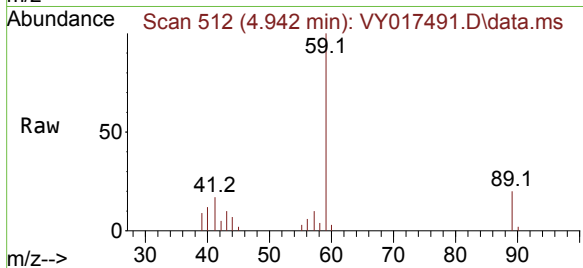
VY0227SBS01

Tgt Ion: 59 Resp: 10807

Ion Ratio Lower Upper

59 100

57 7.2 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 18.809 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

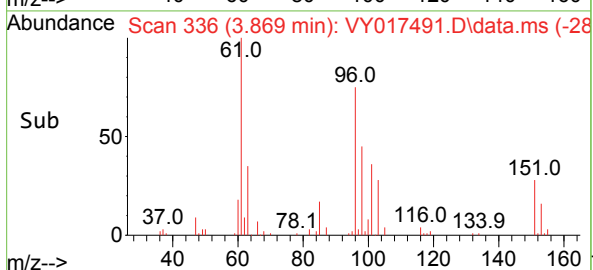
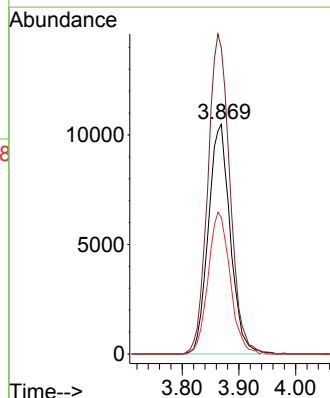
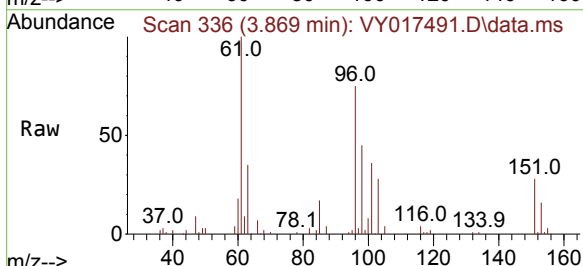
Tgt Ion: 96 Resp: 28132

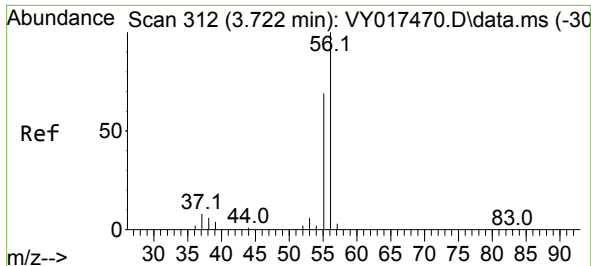
Ion Ratio Lower Upper

96 100

61 133.1 114.6 171.8

98 59.4 50.8 76.2

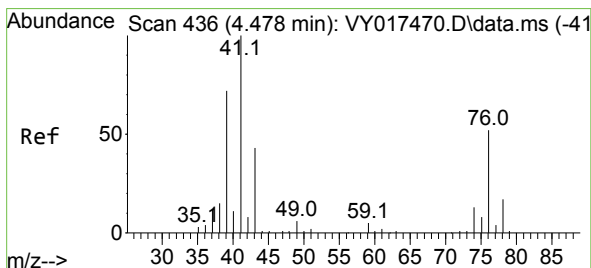
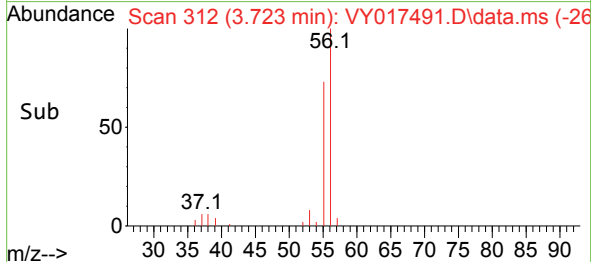
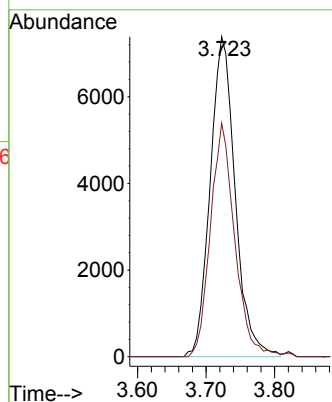
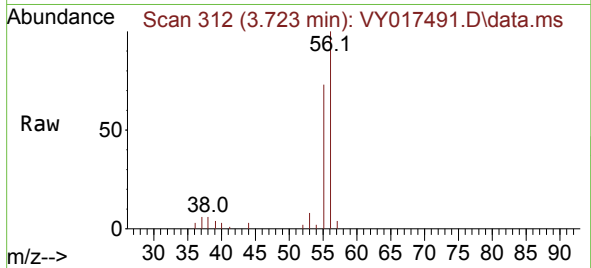




#13
Acrolein
Concen: 111.145 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

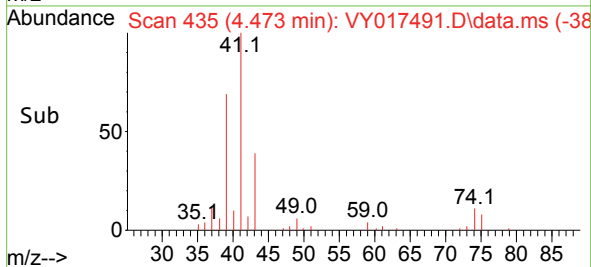
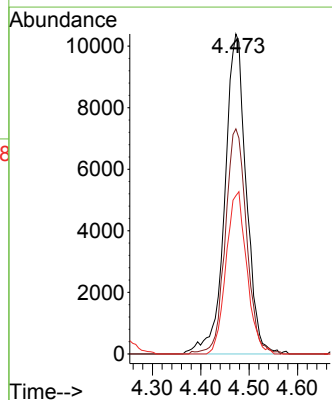
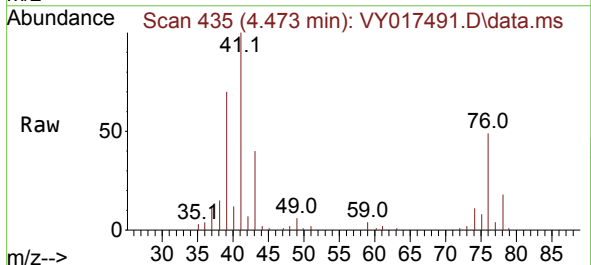
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

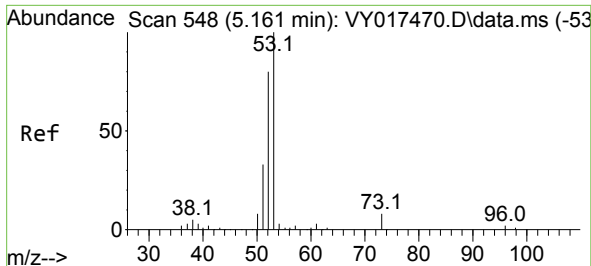
Tgt Ion: 56 Resp: 18692
Ion Ratio Lower Upper
56 100
55 71.1 55.7 83.5



#14
Allyl chloride
Concen: 17.716 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 41 Resp: 32015
Ion Ratio Lower Upper
41 100
39 69.9 58.3 87.5
76 49.1 39.0 58.6

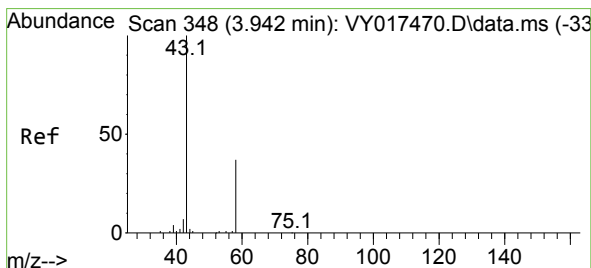
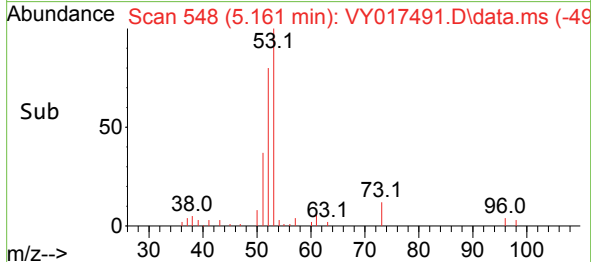
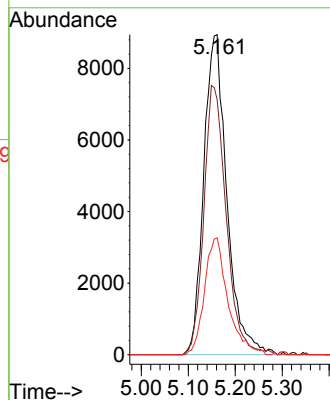
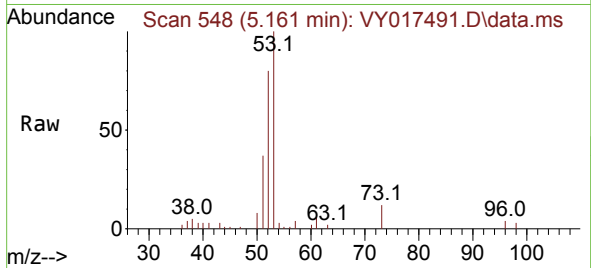




#15
Acrylonitrile
Concen: 90.966 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

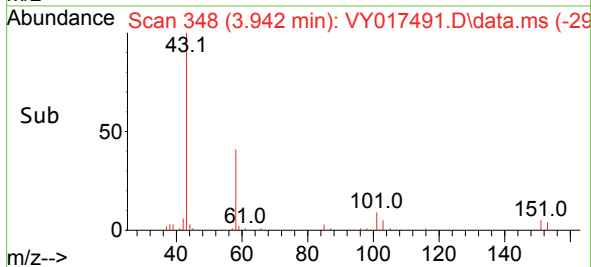
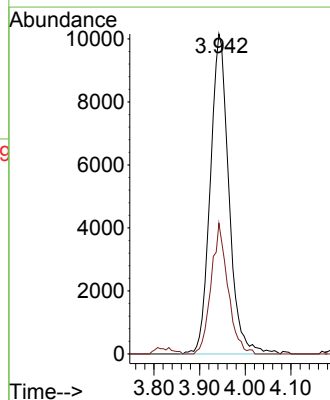
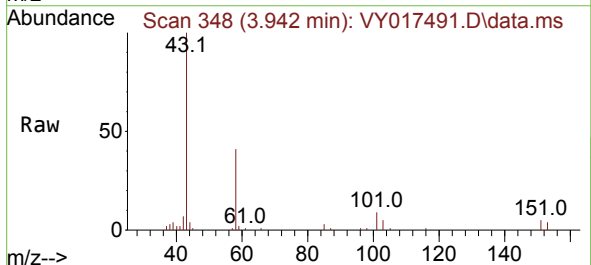
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

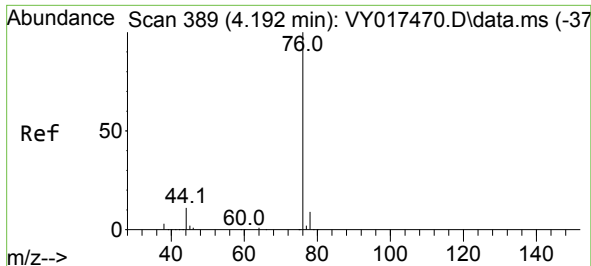
Tgt Ion: 53	Resp:	30601
Ion	Ratio	Lower Upper
53	100	
52	81.4	64.7 97.1
51	36.9	28.4 42.6



#16
Acetone
Concen: 98.734 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 43	Resp:	28735
Ion	Ratio	Lower Upper
43	100	
58	40.9	31.7 47.5

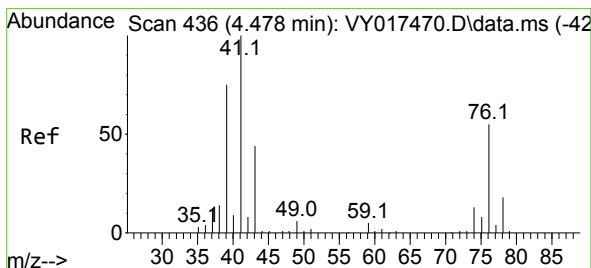
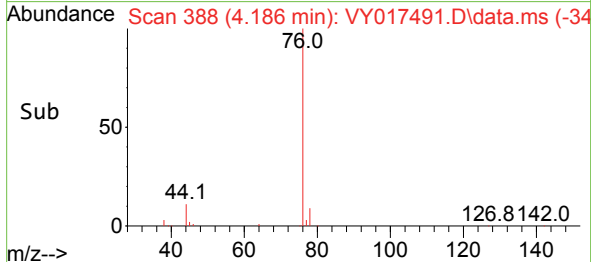
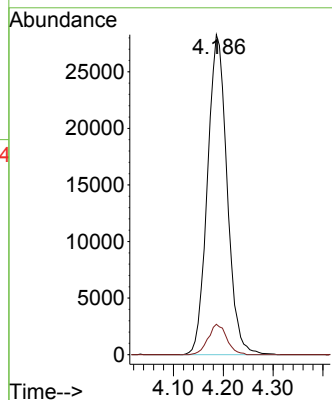
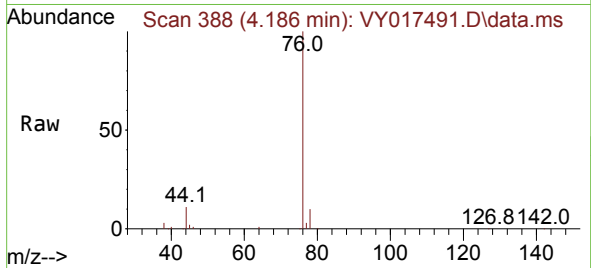




#17
Carbon Disulfide
Concen: 17.245 ug/l
RT: 4.186 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

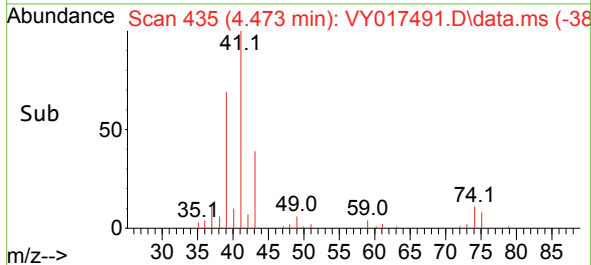
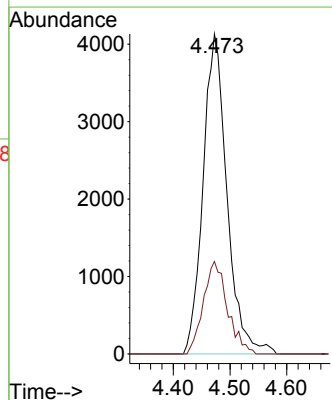
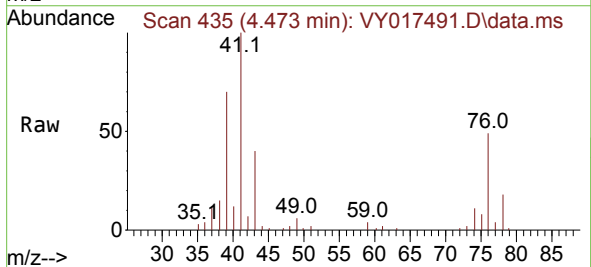
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

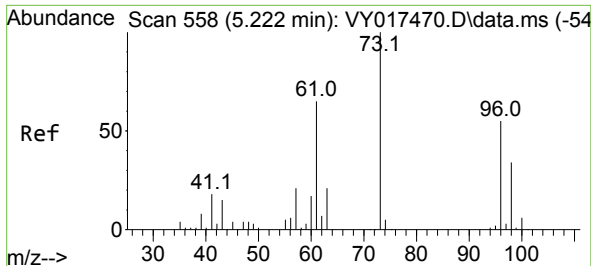
Tgt Ion: 76 Resp: 77419
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 17.126 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 43 Resp: 12092
Ion Ratio Lower Upper
43 100
74 29.1 23.3 34.9

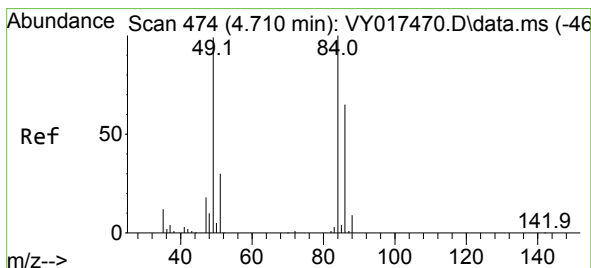
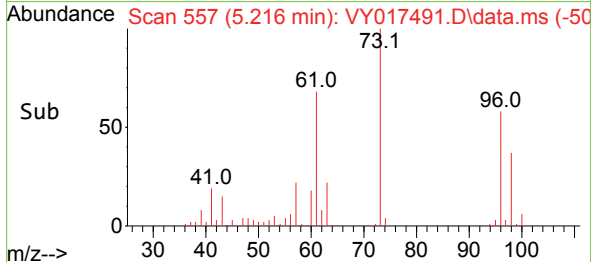
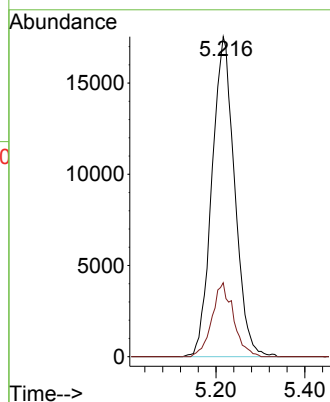
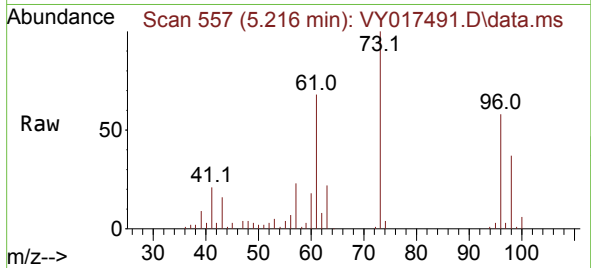




#19
Methyl tert-butyl Ether
Concen: 17.825 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

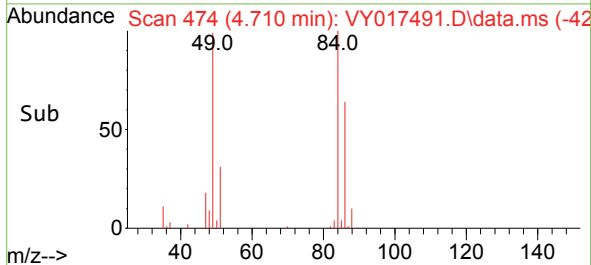
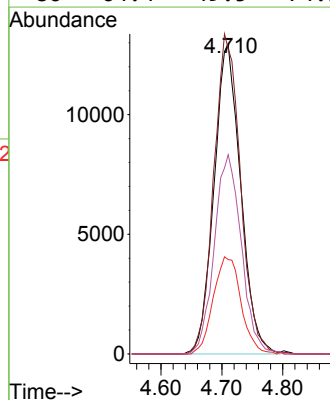
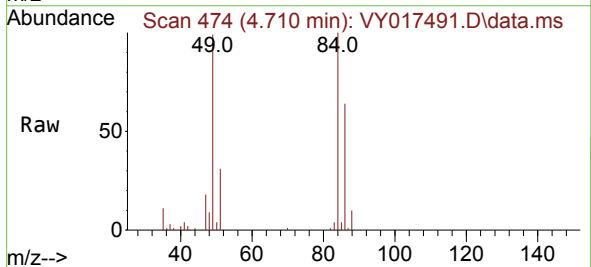
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

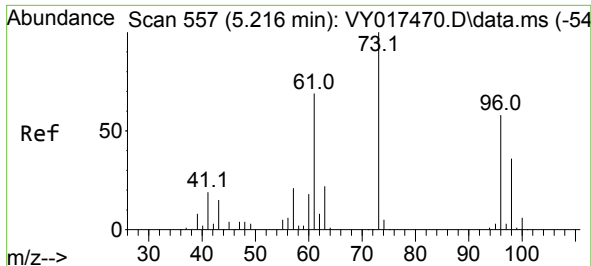
Tgt Ion: 73 Resp: 62139
Ion Ratio Lower Upper
73 100
57 23.1 17.3 25.9



#20
Methylene Chloride
Concen: 19.676 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 84 Resp: 39325
Ion Ratio Lower Upper
84 100
49 98.7 84.4 126.6
51 30.5 26.0 39.0
86 64.4 49.5 74.3

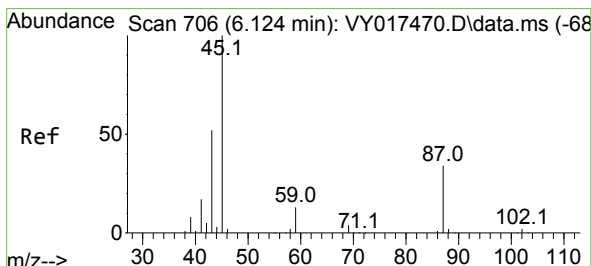
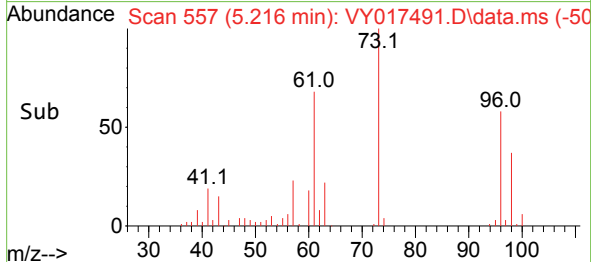
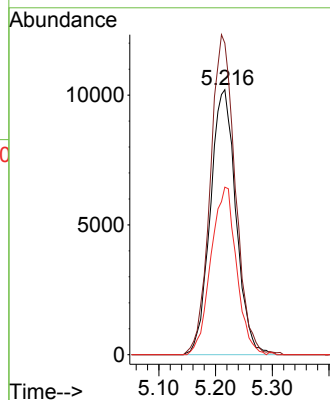
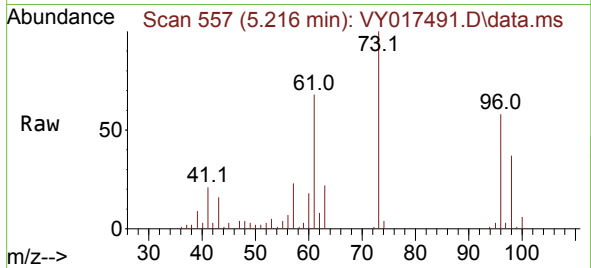




#21
trans-1,2-Dichloroethene
Concen: 18.303 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

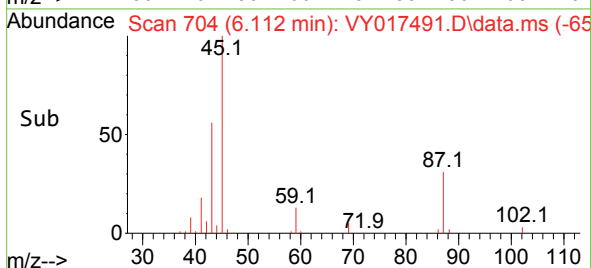
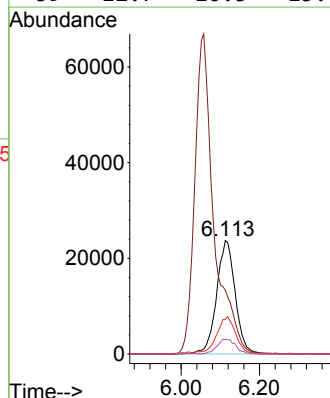
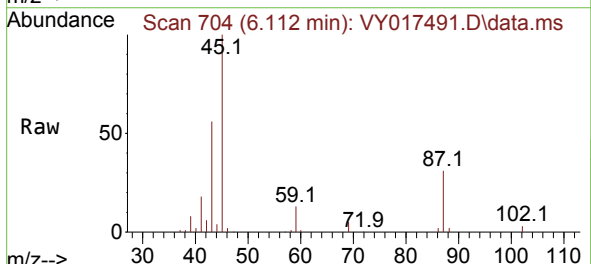
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

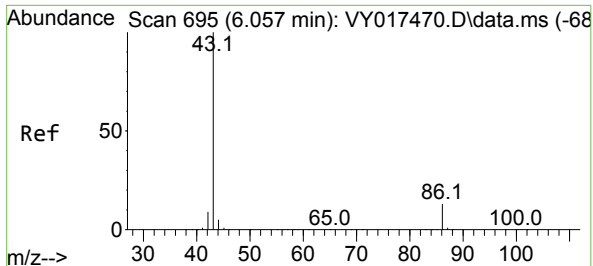
Tgt Ion: 96 Resp: 32052
Ion Ratio Lower Upper
96 100
61 117.6 97.5 146.3
98 63.2 50.5 75.7



#22
Diisopropyl ether
Concen: 18.782 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 45 Resp: 78326
Ion Ratio Lower Upper
45 100
43 55.8 42.2 63.2
87 30.6 25.0 37.6
59 12.7 10.5 15.7

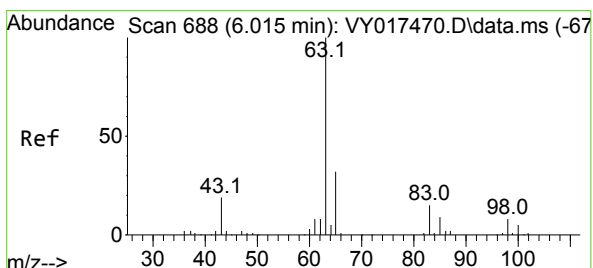
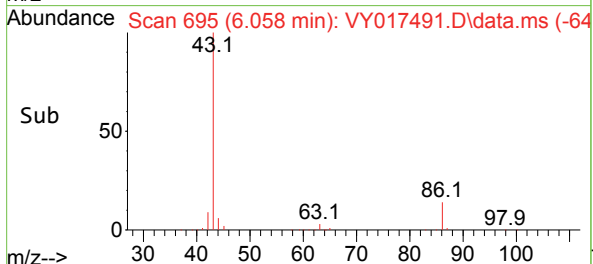
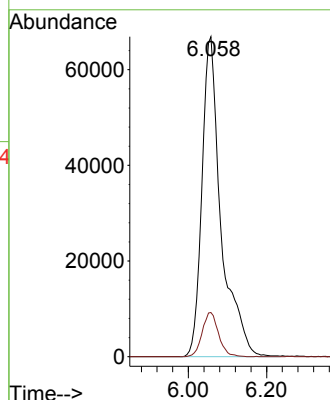
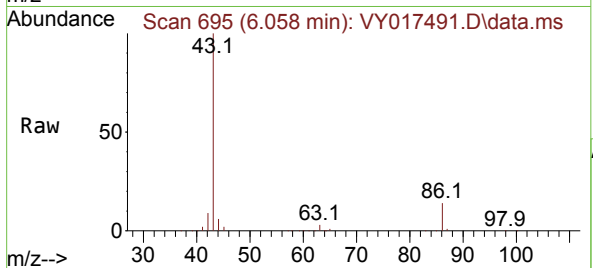




#23
Vinyl Acetate
Concen: 91.341 ug/l
RT: 6.058 min Scan# 695
Delta R.T. 0.000 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

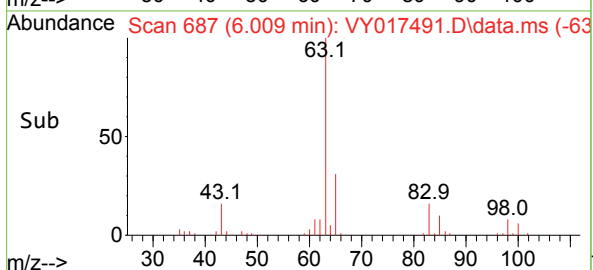
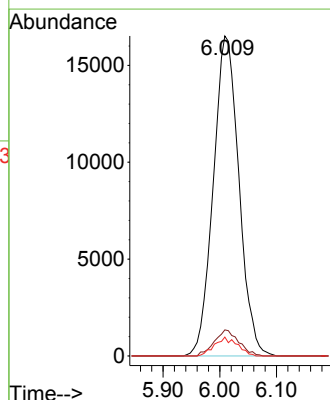
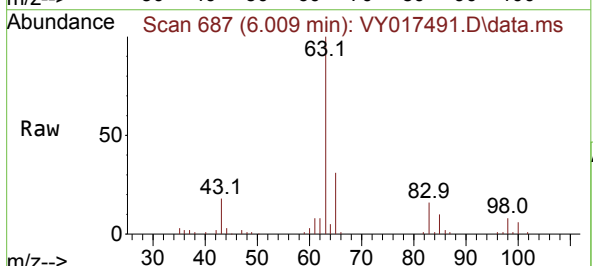
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

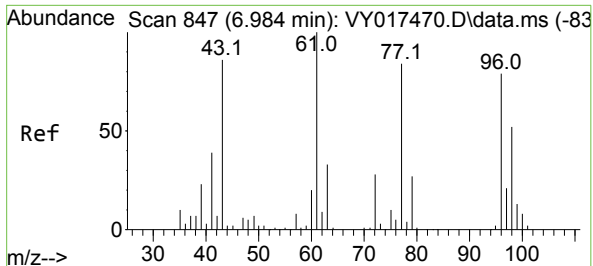
Tgt Ion: 43 Resp: 226982
Ion Ratio Lower Upper
43 100
86 13.8 10.6 16.0



#24
1,1-Dichloroethane
Concen: 18.197 ug/l
RT: 6.009 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 63 Resp: 51843
Ion Ratio Lower Upper
63 100
98 8.1 4.0 12.2
100 5.9 2.6 8.0





#25

2-Butanone

Concen: 94.775 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

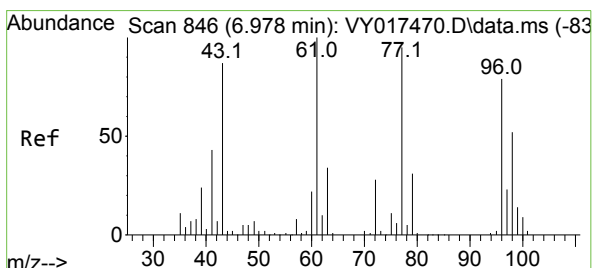
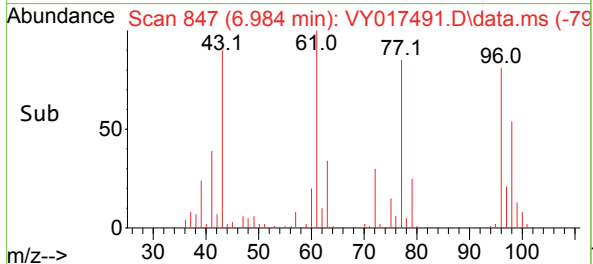
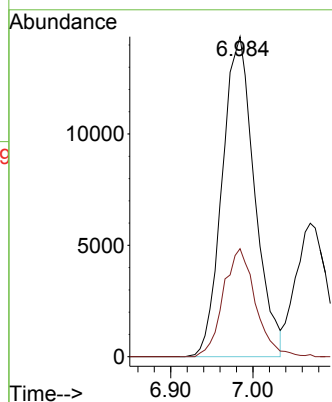
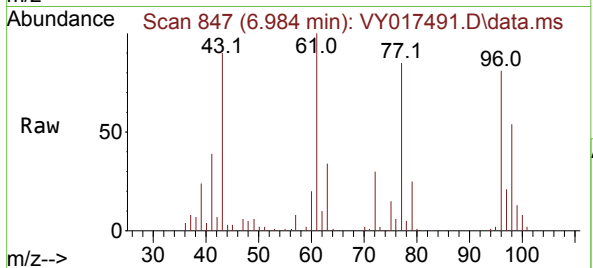
VY0227SBS01

Tgt Ion: 43 Resp: 39309

Ion Ratio Lower Upper

43 100

72 33.8 27.3 40.9



#26

2,2-Dichloropropane

Concen: 18.437 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY017491.D

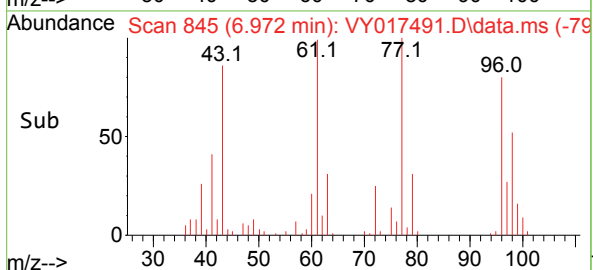
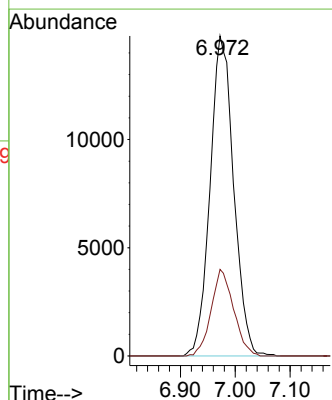
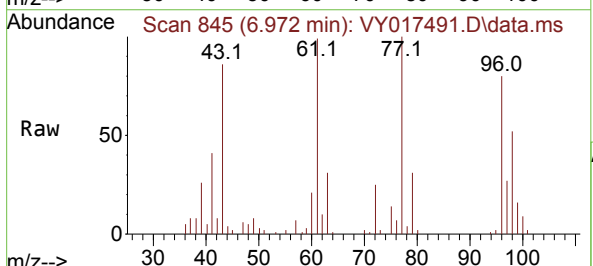
Acq: 27 Feb 2024 13:04

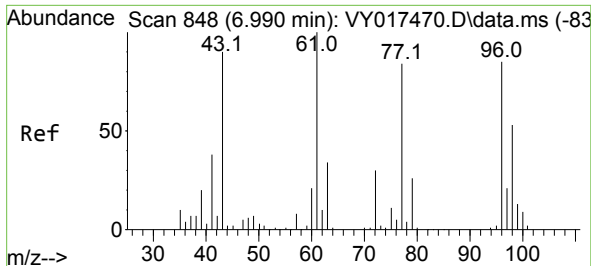
Tgt Ion: 77 Resp: 44162

Ion Ratio Lower Upper

77 100

97 25.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 18.311 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

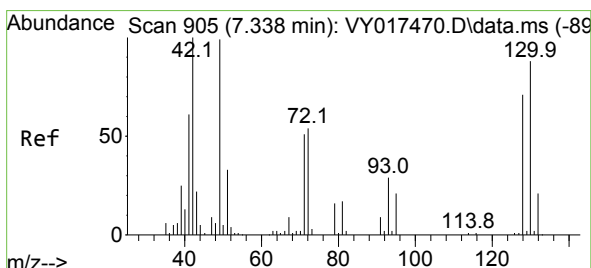
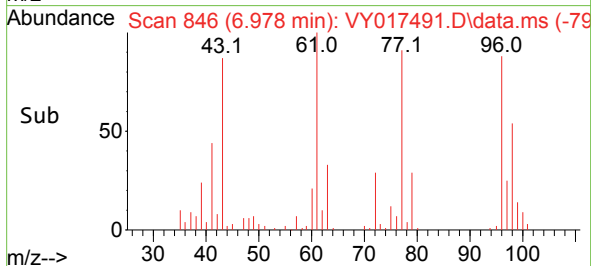
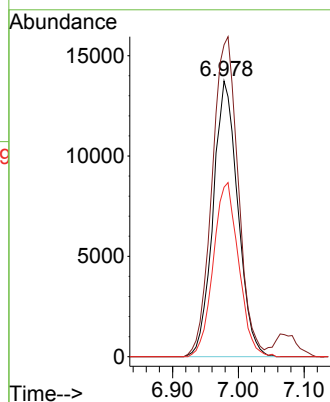
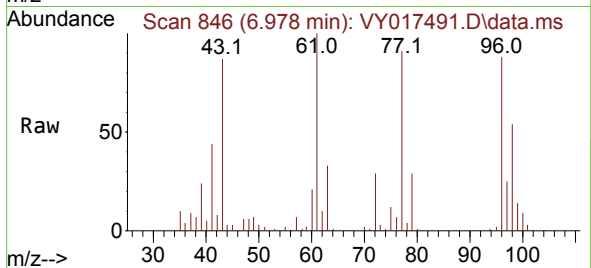
Tgt Ion: 96 Resp: 36003

Ion Ratio Lower Upper

96 100

61 122.4 0.0 256.2

98 64.6 0.0 130.0



#28

Bromochloromethane

Concen: 20.289 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

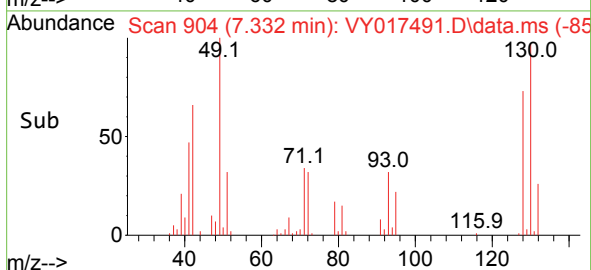
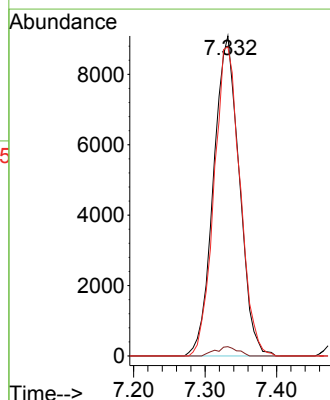
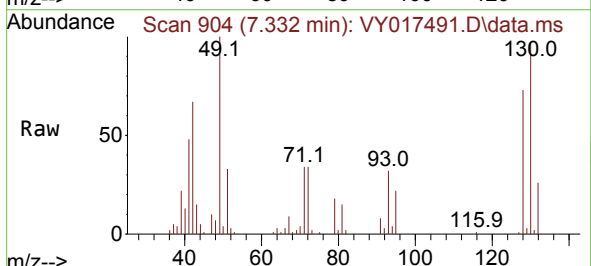
Tgt Ion: 49 Resp: 22765

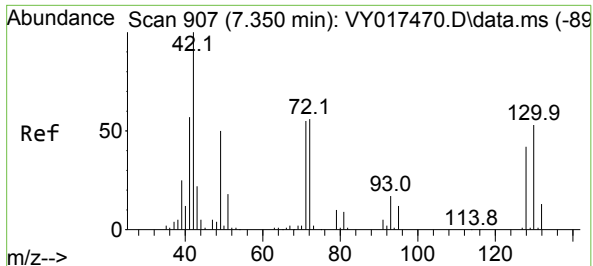
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 97.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 90.488 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

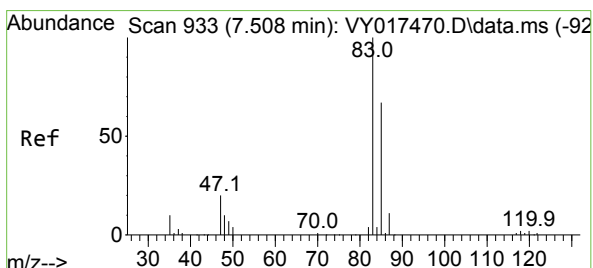
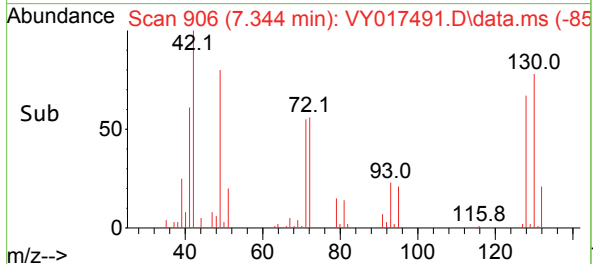
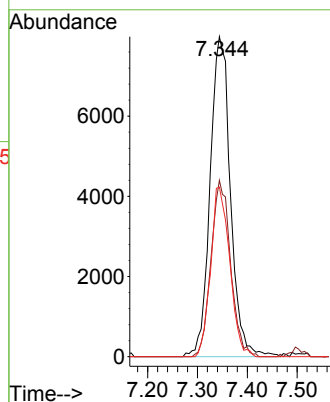
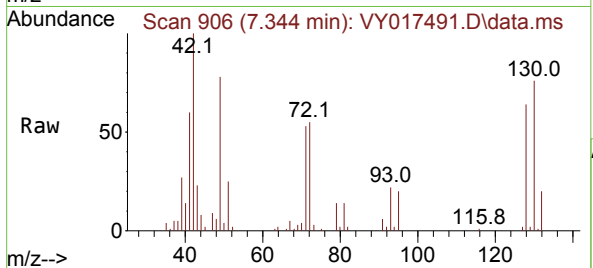
Tgt Ion: 42 Resp: 22624

Ion Ratio Lower Upper

42 100

72 52.8 43.0 64.4

71 49.8 40.8 61.2



#30

Chloroform

Concen: 18.646 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY017491.D

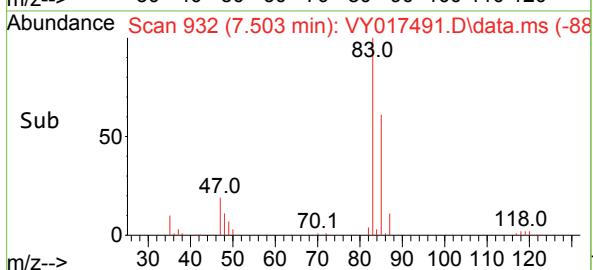
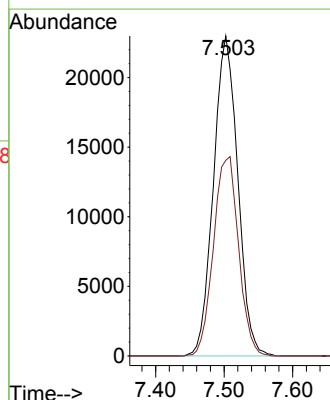
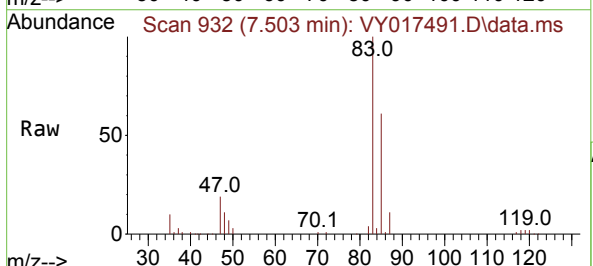
Acq: 27 Feb 2024 13:04

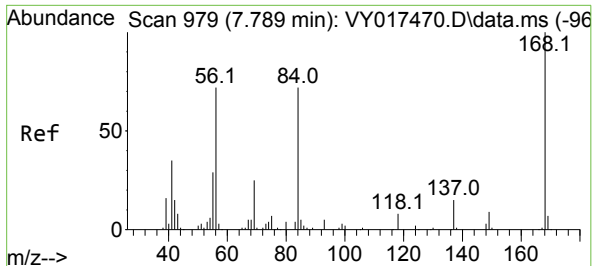
Tgt Ion: 83 Resp: 56557

Ion Ratio Lower Upper

83 100

85 61.1 52.2 78.4

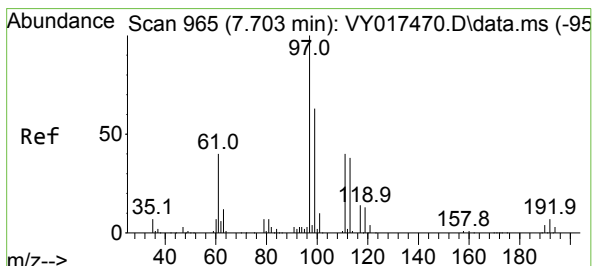
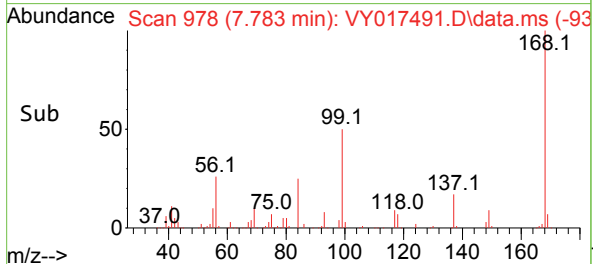
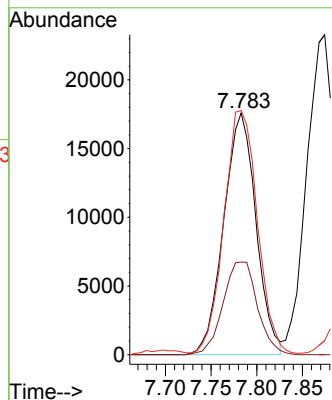
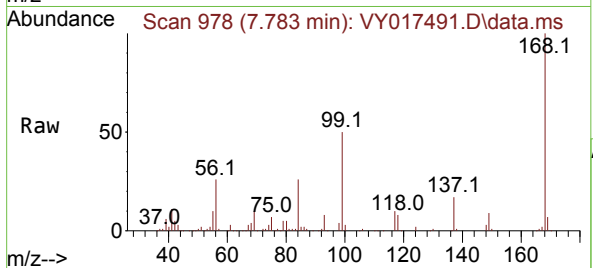




#31
Cyclohexane
Concen: 17.715 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

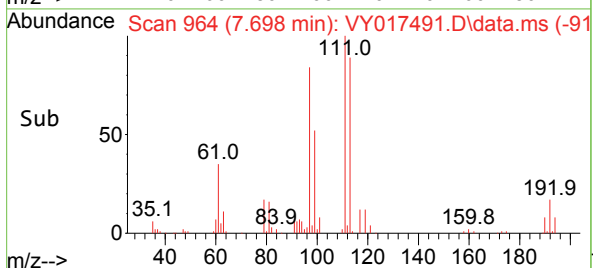
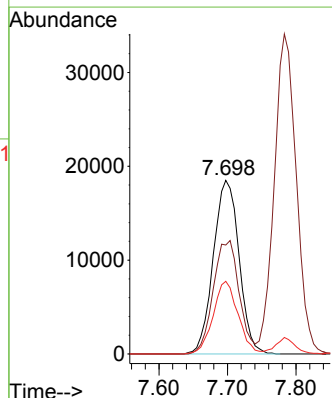
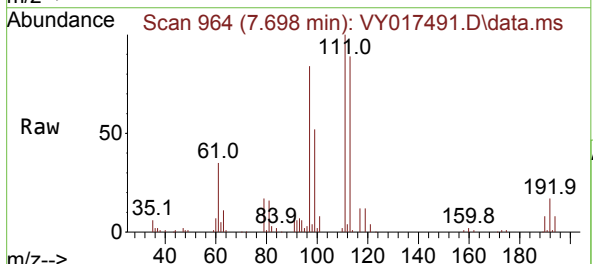
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

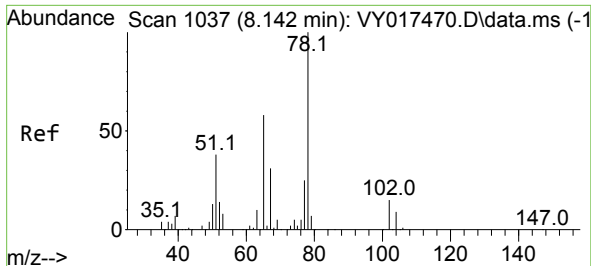
Tgt Ion: 56 Resp: 43259
Ion Ratio Lower Upper
56 100
69 38.3 28.7 43.1
84 99.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 18.308 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 97 Resp: 48214
Ion Ratio Lower Upper
97 100
99 65.8 50.3 75.5
61 40.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 46.587 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

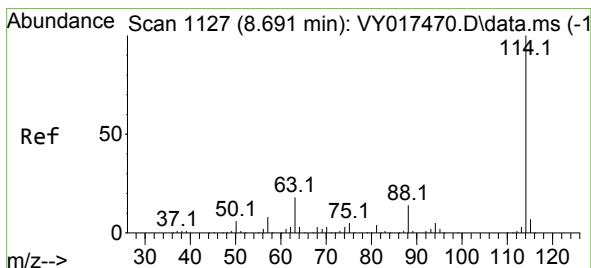
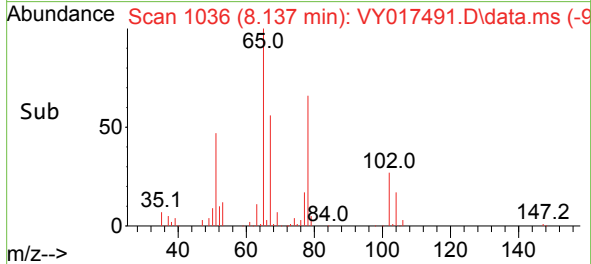
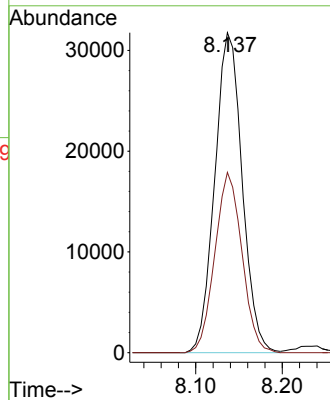
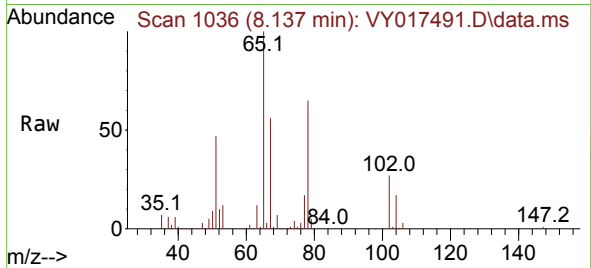
VY0227SBS01

Tgt Ion: 65 Resp: 69904

Ion Ratio Lower Upper

65 100

67 55.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

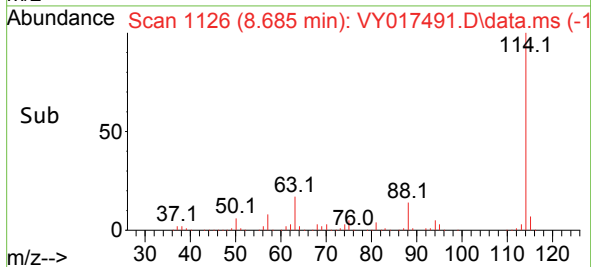
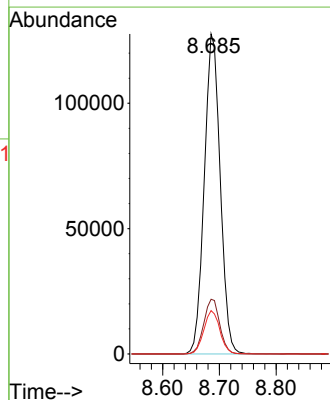
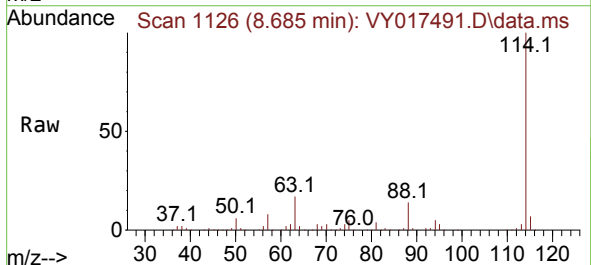
Tgt Ion: 114 Resp: 248810

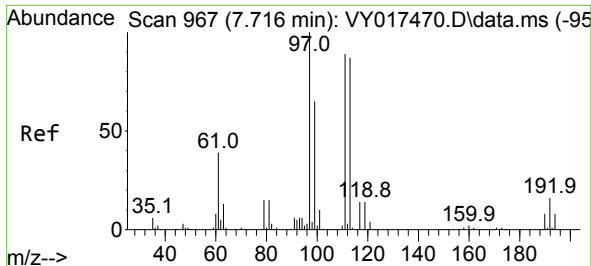
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.6 0.0 27.2

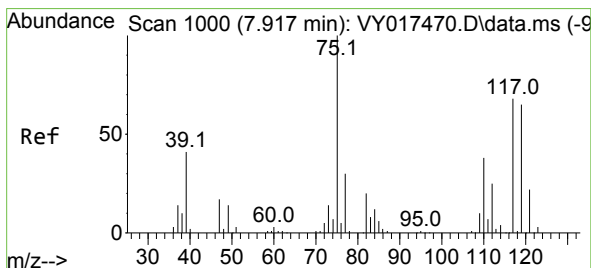
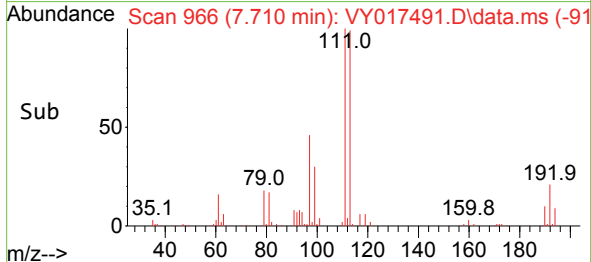
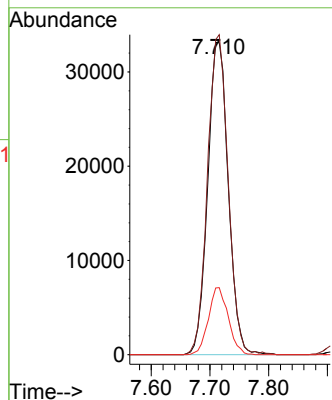
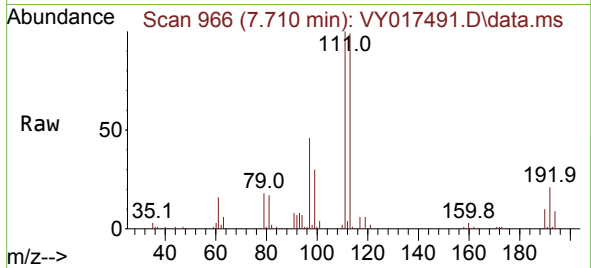




#35
Dibromofluoromethane
Concen: 46.512 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

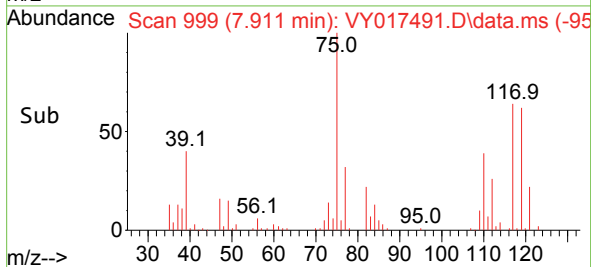
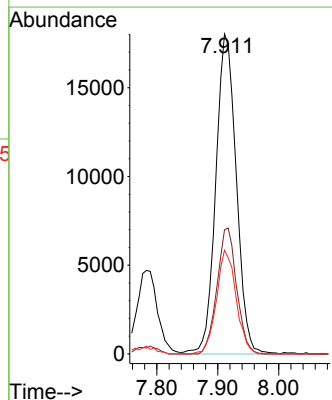
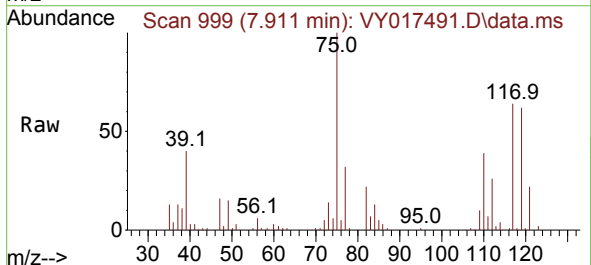
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

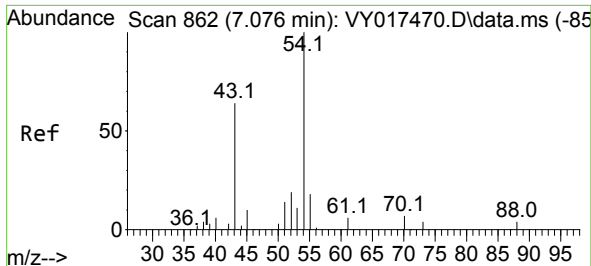
Tgt Ion:113 Resp: 80641
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 20.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 18.037 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 75 Resp: 42192
Ion Ratio Lower Upper
75 100
110 37.6 19.0 57.0
77 31.2 25.3 37.9





#37

Ethyl Acetate

Concen: 17.820 ug/l

RT: 7.070 min Scan# 862

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

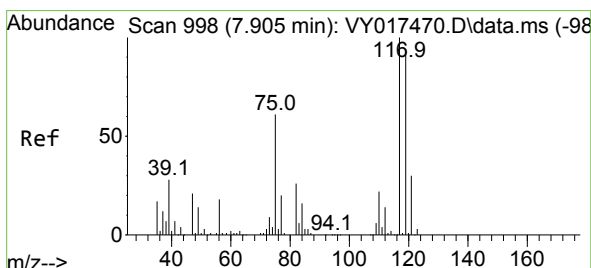
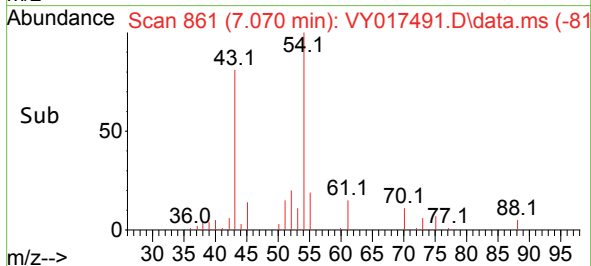
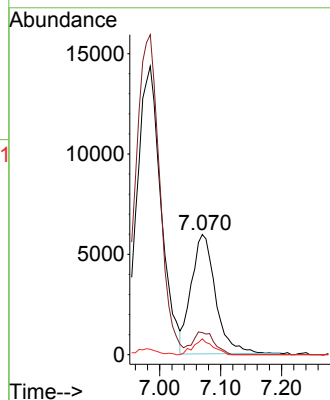
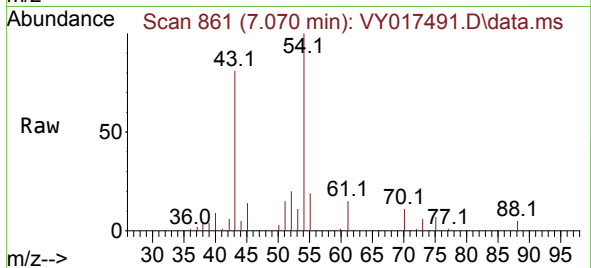
Tgt Ion: 43 Resp: 16464

Ion Ratio Lower Upper

43 100

61 17.1 12.6 19.0

70 10.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 18.376 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.012 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

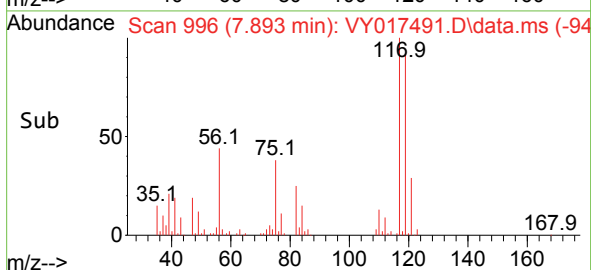
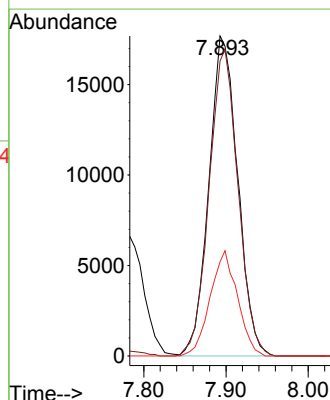
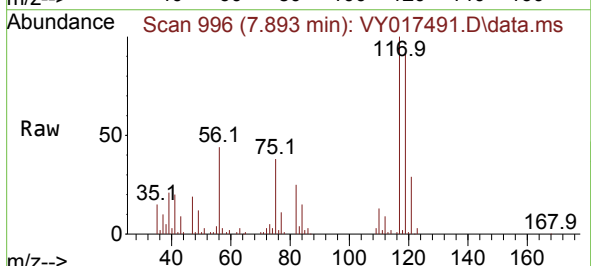
Tgt Ion: 117 Resp: 43082

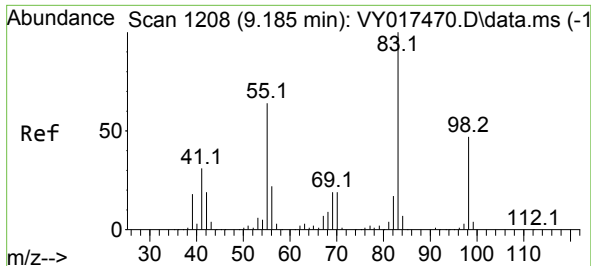
Ion Ratio Lower Upper

117 100

119 92.1 75.8 113.6

121 29.4 24.0 36.0





#39

Methylcyclohexane

Concen: 17.418 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

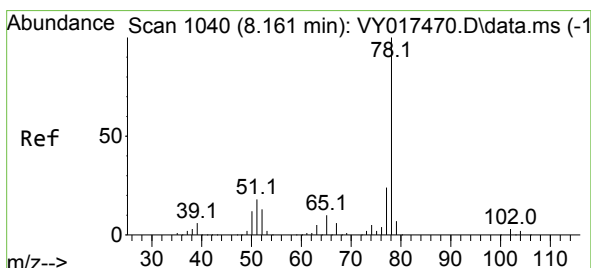
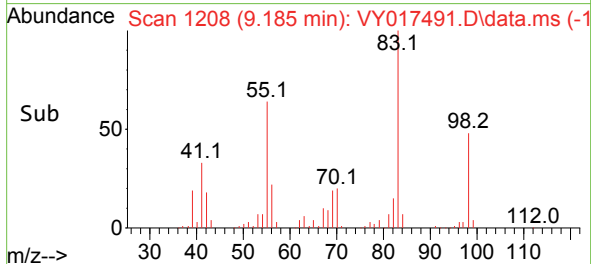
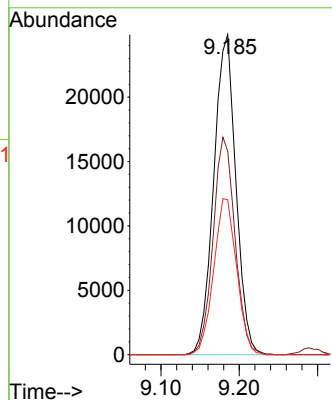
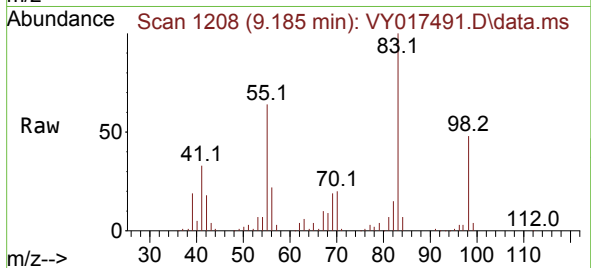
Tgt Ion: 83 Resp: 48968

Ion Ratio Lower Upper

83 100

55 63.6 51.5 77.3

98 48.4 40.5 60.7



#40

Benzene

Concen: 18.243 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY017491.D

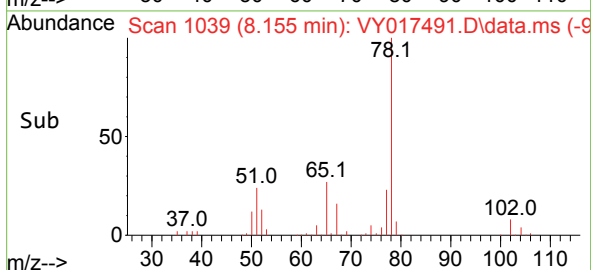
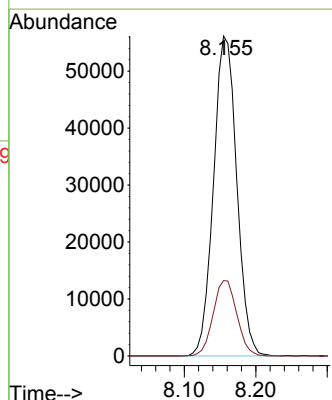
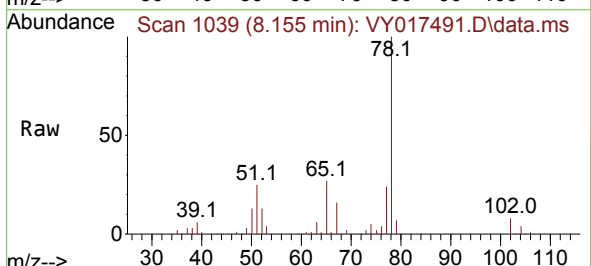
Acq: 27 Feb 2024 13:04

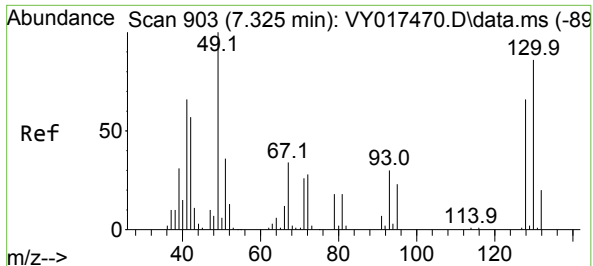
Tgt Ion: 78 Resp: 126730

Ion Ratio Lower Upper

78 100

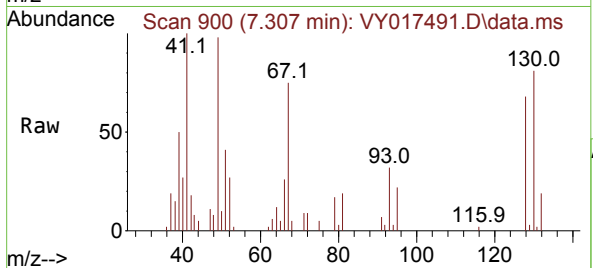
77 23.5 19.5 29.3



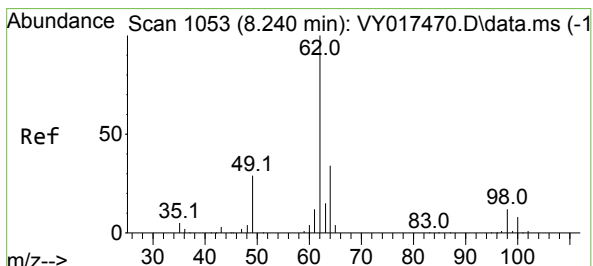
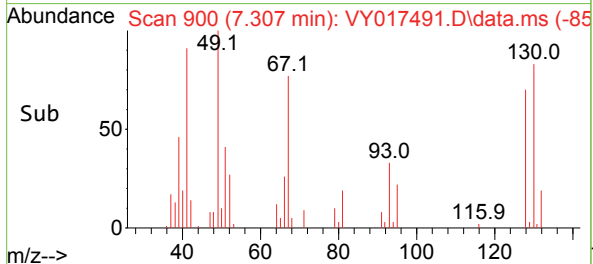
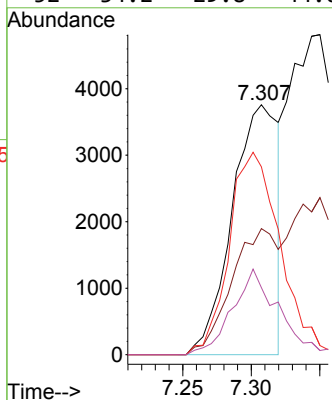


#41
Methacrylonitrile
Concen: 18.944 ug/l
RT: 7.307 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

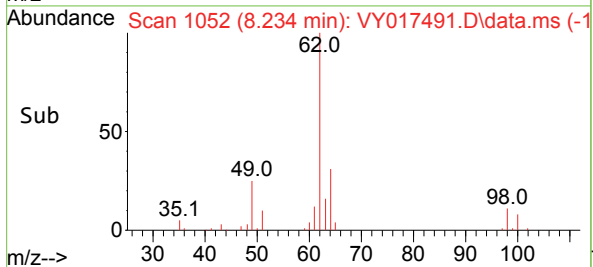
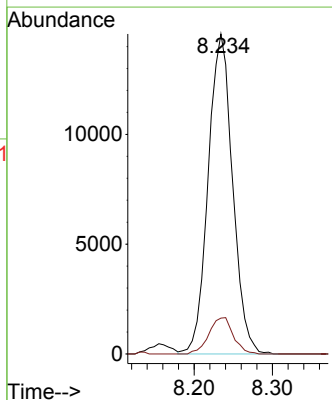
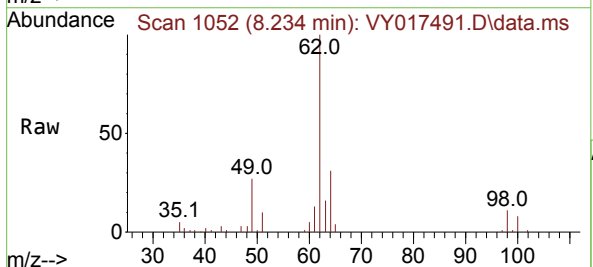


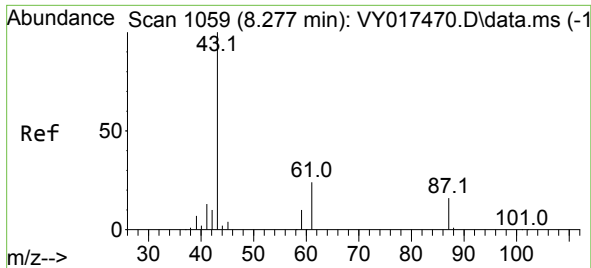
Tgt Ion:	41	Resp:	8783
Ion	Ratio	Lower	Upper
41	100		
39	50.5	48.0	72.0
67	89.8	75.1	112.7
52	34.2	29.8	44.6



#42
1,2-Dichloroethane
Concen: 18.601 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion:	62	Resp:	31528
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.0

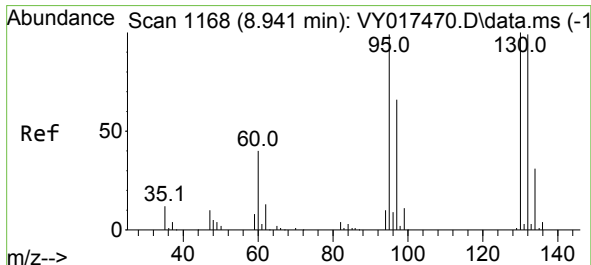
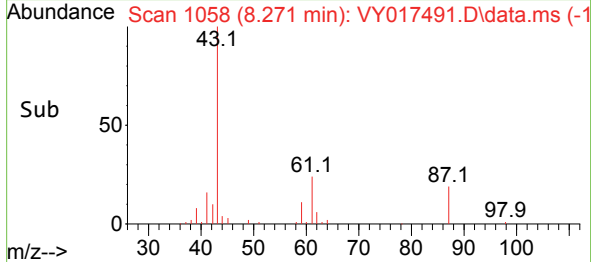
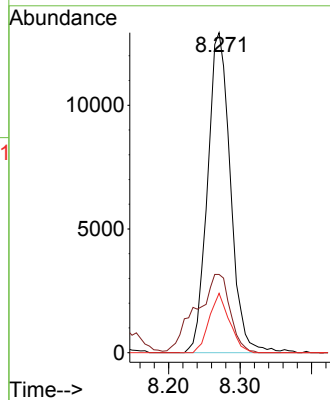
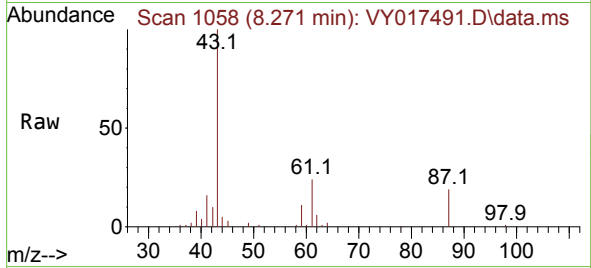




#43
Isopropyl Acetate
Concen: 17.664 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

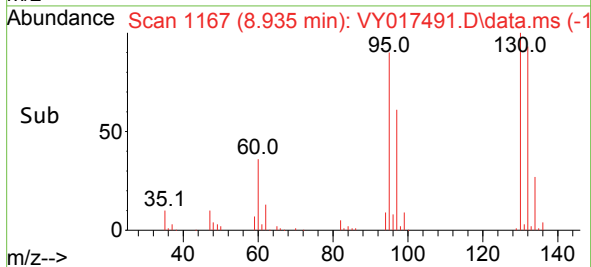
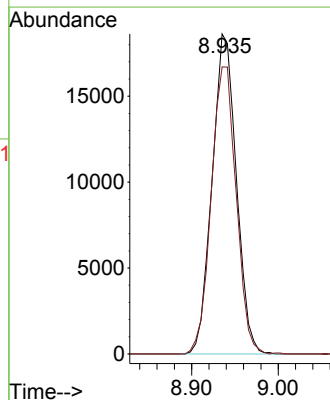
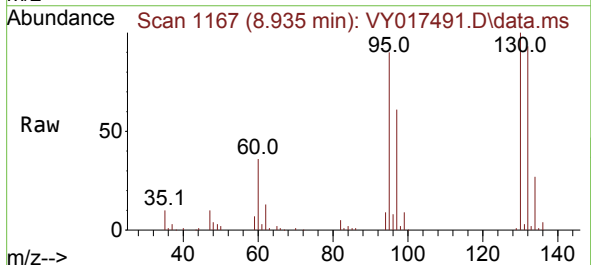
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

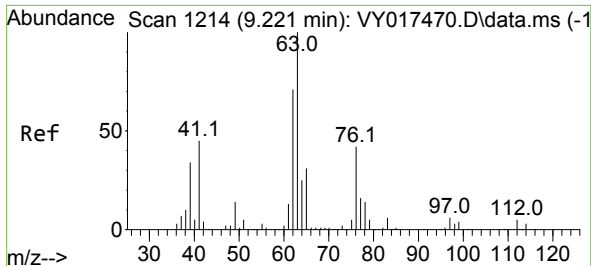
Tgt Ion:	43	Resp:	28678
Ion	Ratio	Lower	Upper
43	100		
61	36.4	27.9	41.9
87	16.5	13.1	19.7



#44
Trichloroethene
Concen: 18.086 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion:	130	Resp:	36215
Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	188.0





#45

1,2-Dichloropropane

Concen: 18.013 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

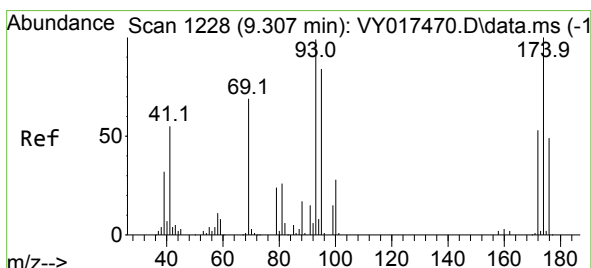
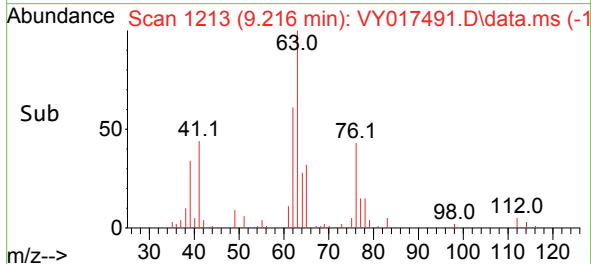
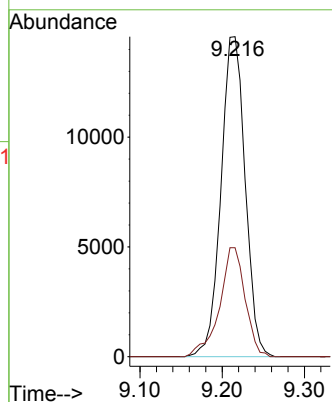
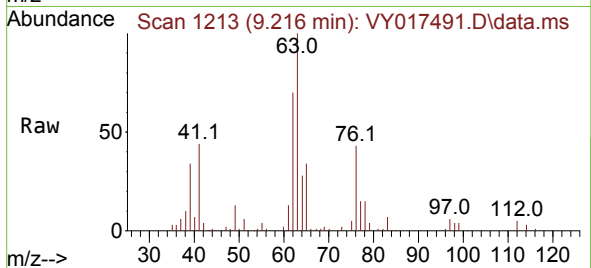
VY0227SBS01

Tgt Ion: 63 Resp: 29772

Ion Ratio Lower Upper

63 100

65 34.1 25.4 38.2



#46

Dibromomethane

Concen: 18.490 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

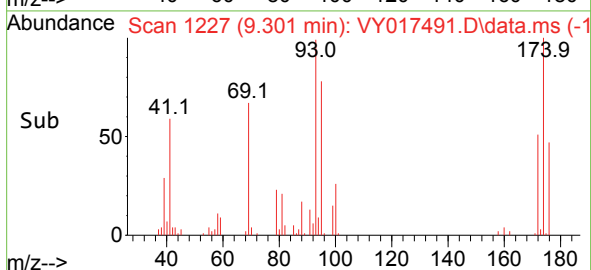
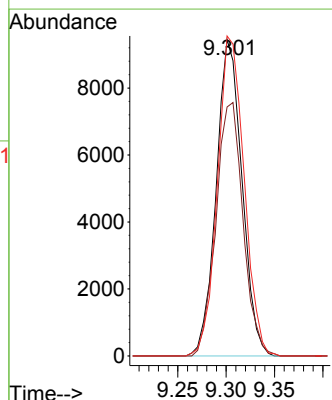
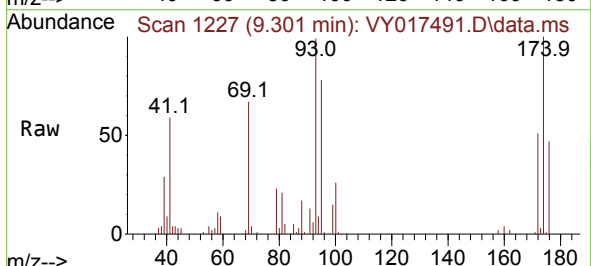
Tgt Ion: 93 Resp: 17490

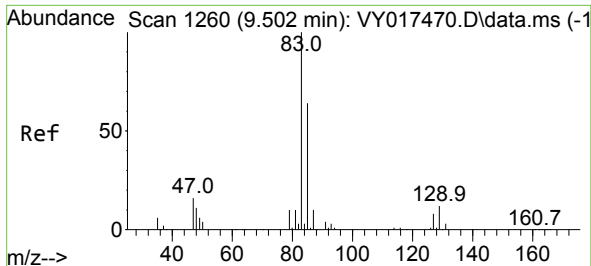
Ion Ratio Lower Upper

93 100

95 84.2 66.2 99.4

174 104.6 80.9 121.3

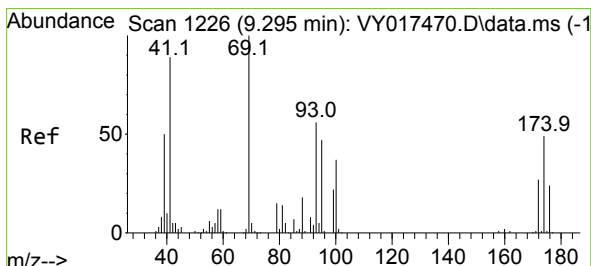
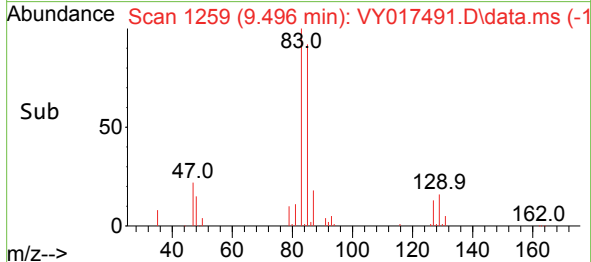
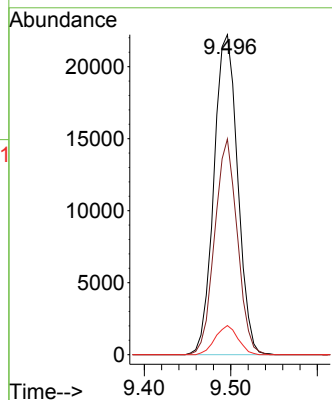
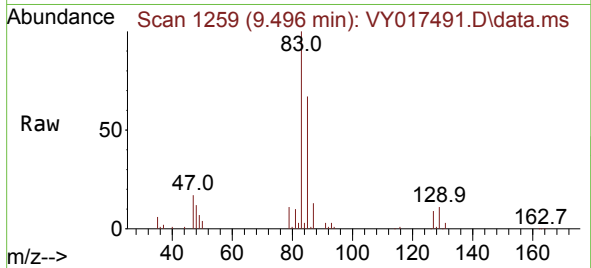




#47
Bromodichloromethane
Concen: 18.422 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

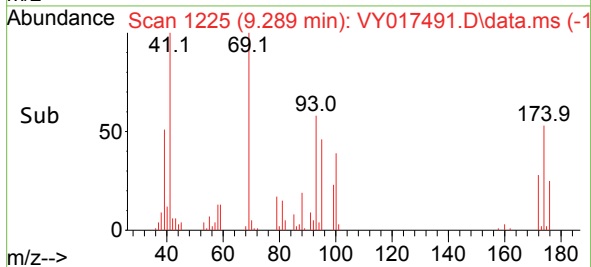
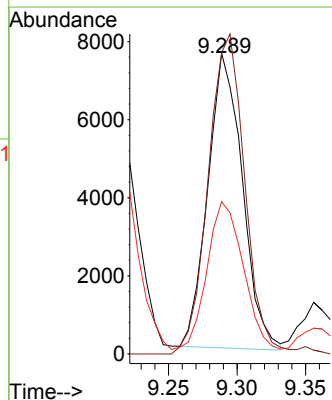
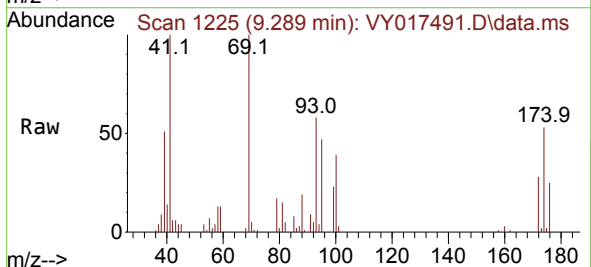
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

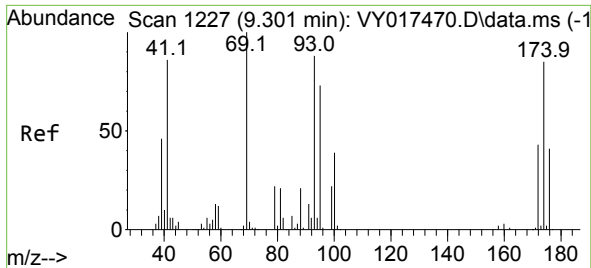
Tgt Ion: 83 Resp: 42311
Ion Ratio Lower Upper
83 100
85 67.4 50.1 75.1
127 9.1 7.4 11.0



#48
Methyl methacrylate
Concen: 17.585 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 41 Resp: 13215
Ion Ratio Lower Upper
41 100
69 114.4 84.1 126.1
39 53.2 43.6 65.4

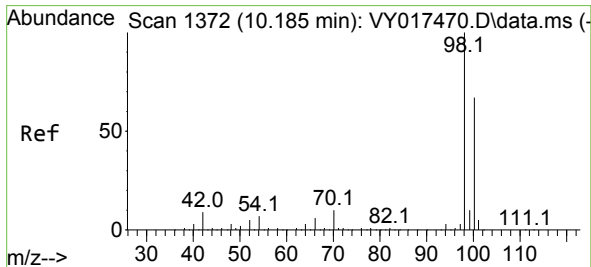
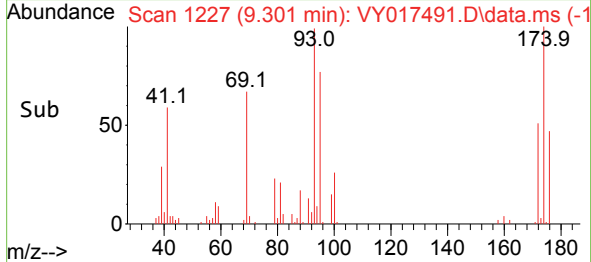
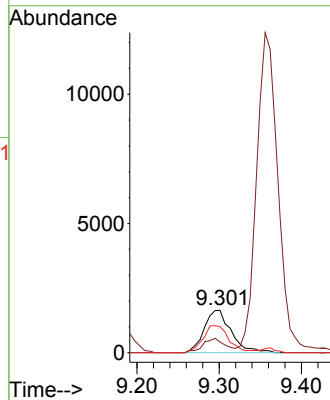
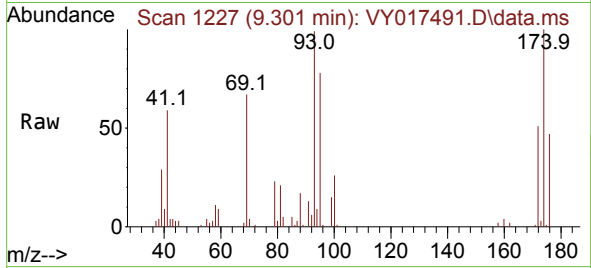




#49
1,4-Dioxane
Concen: 350.870 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

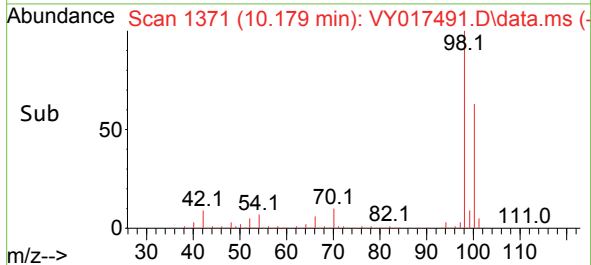
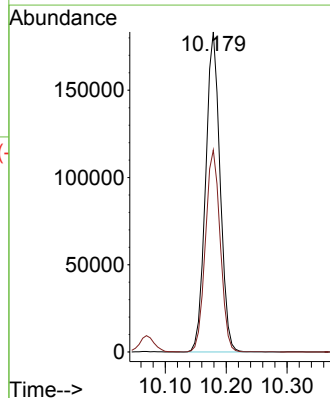
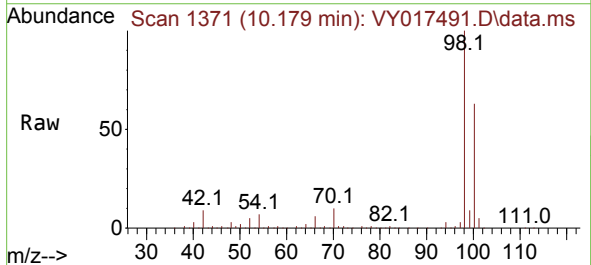
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

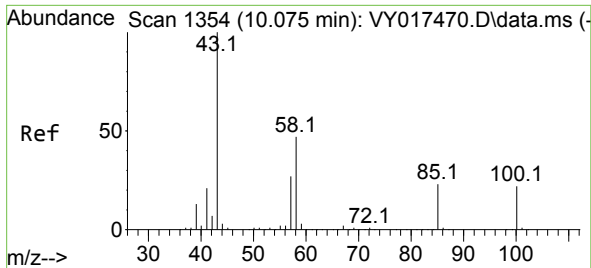
Tgt Ion: 88 Resp: 3756
Ion Ratio Lower Upper
88 100
43 28.0 0.0 0.0#
58 61.6 49.3 73.9



#50
Toluene-d8
Concen: 49.883 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 98 Resp: 302388
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

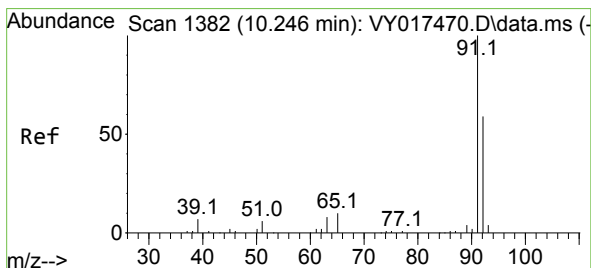
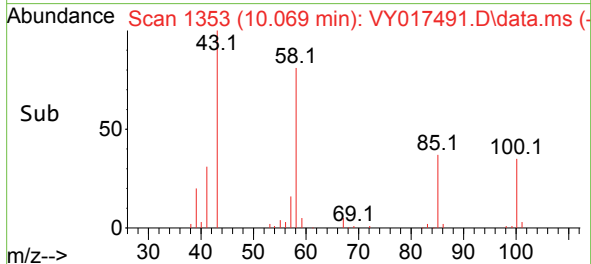
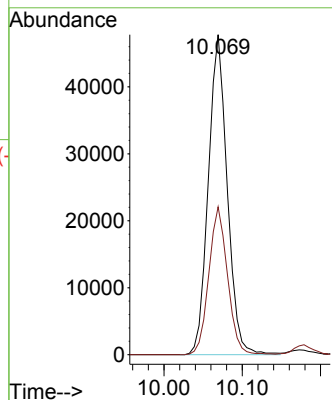
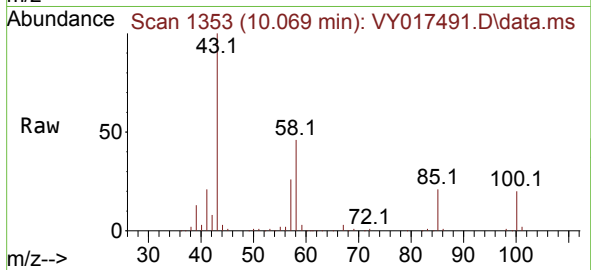




#51
4-Methyl-2-Pentanone
Concen: 88.391 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

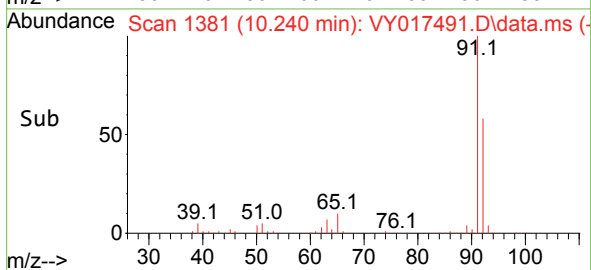
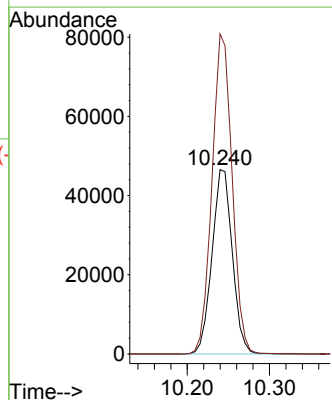
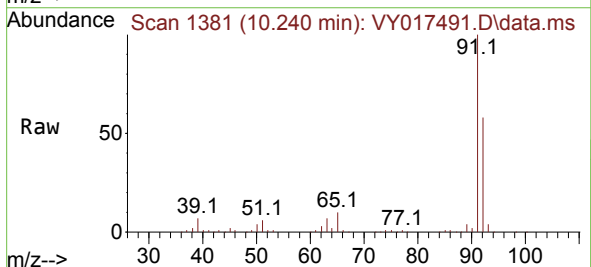
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

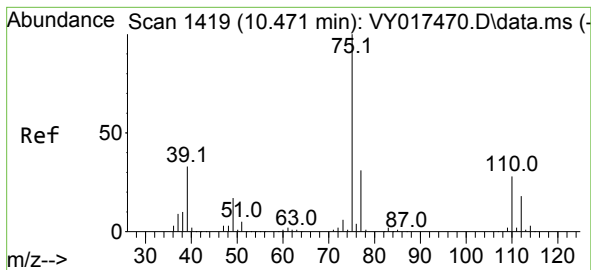
Tgt Ion: 43 Resp: 79982
Ion Ratio Lower Upper
43 100
58 45.8 35.7 53.5



#52
Toluene
Concen: 18.216 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 92 Resp: 79774
Ion Ratio Lower Upper
92 100
91 172.4 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 18.017 ug/l

RT: 10.465 min Scan# 1419

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

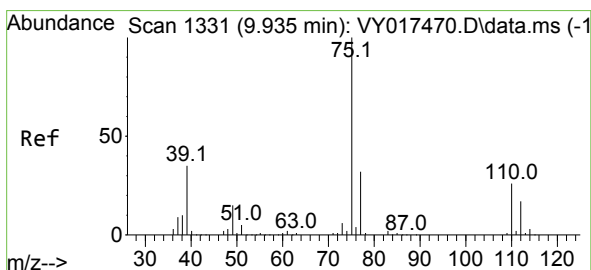
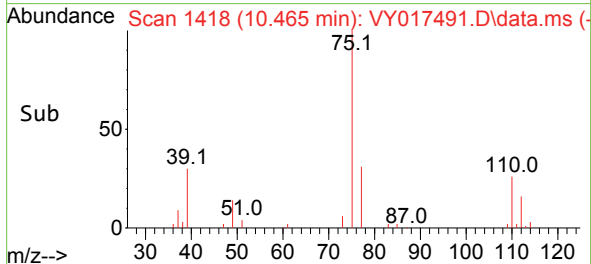
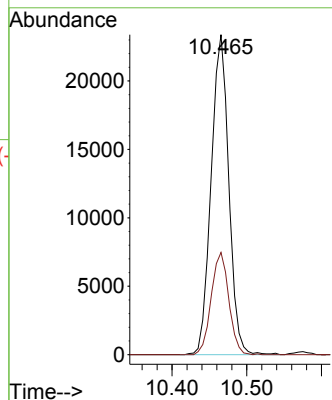
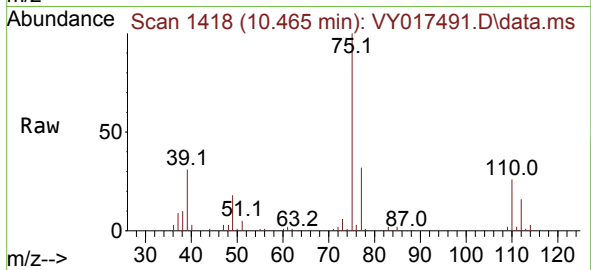
VY0227SBS01

Tgt Ion: 75 Resp: 38407

Ion Ratio Lower Upper

75 100

77 31.9 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 18.380 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

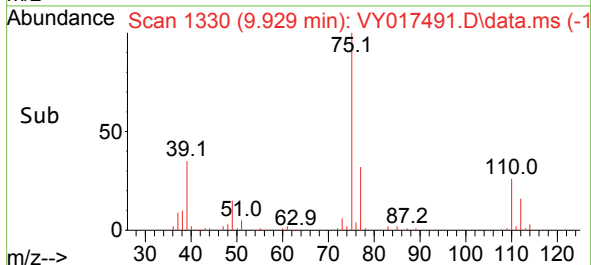
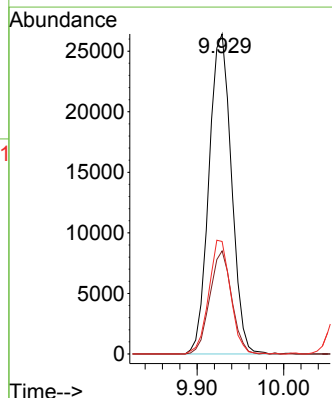
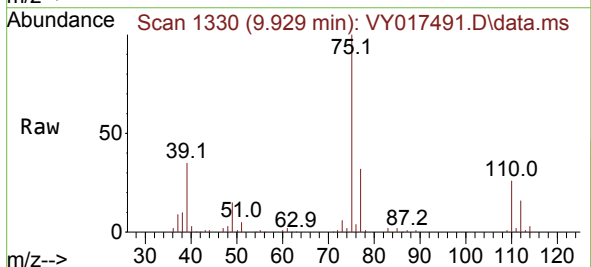
Tgt Ion: 75 Resp: 47609

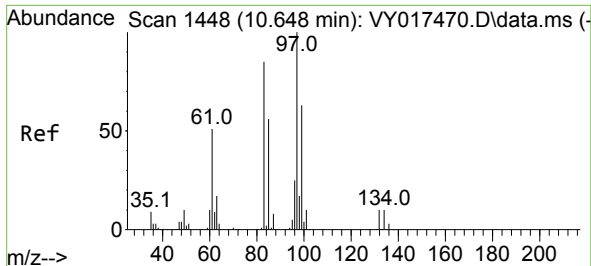
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0

39 35.2 29.8 44.6

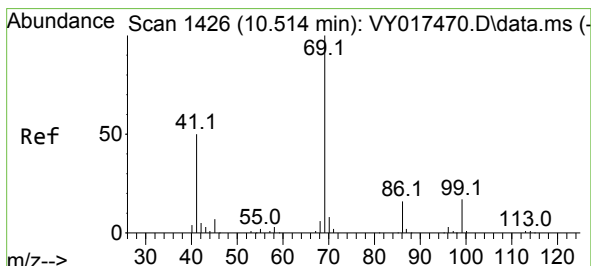
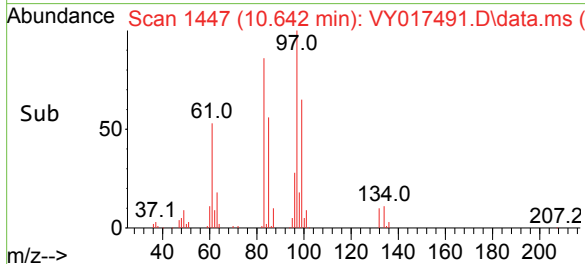
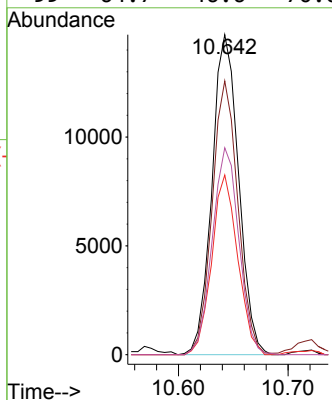
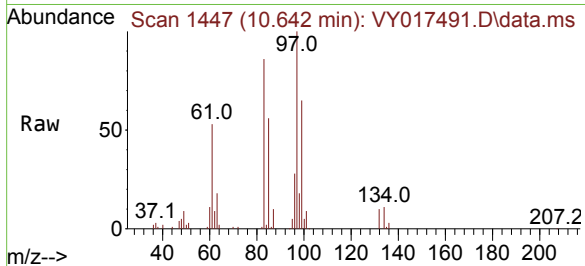




#55
1,1,2-Trichloroethane
Concen: 18.505 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

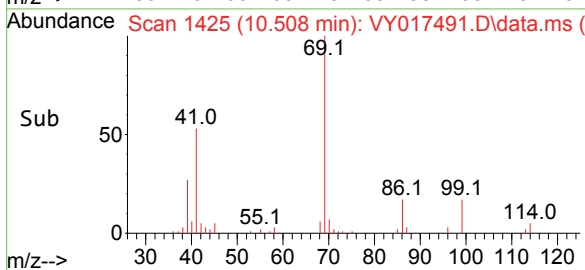
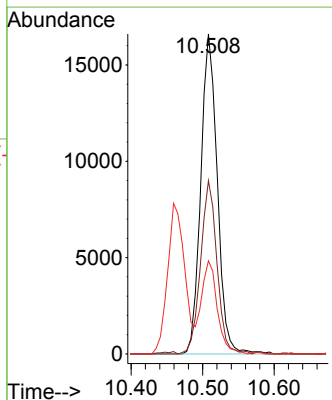
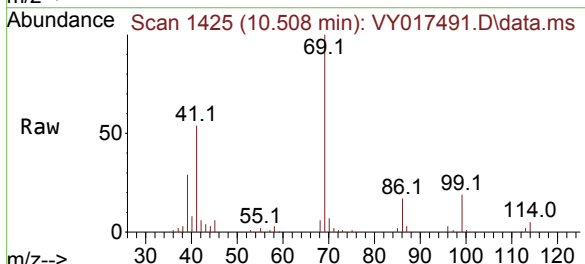
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

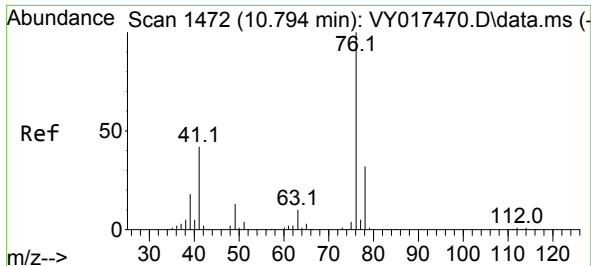
Tgt Ion: 97	Resp: 24852
Ion Ratio	Lower Upper
97 100	
83 85.6	67.5 101.3
85 56.2	42.9 64.3
99 64.7	46.6 70.0



#56
Ethyl methacrylate
Concen: 17.860 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 69	Resp: 26669
Ion Ratio	Lower Upper
69 100	
41 53.8	42.3 63.5
39 27.4	22.9 34.3

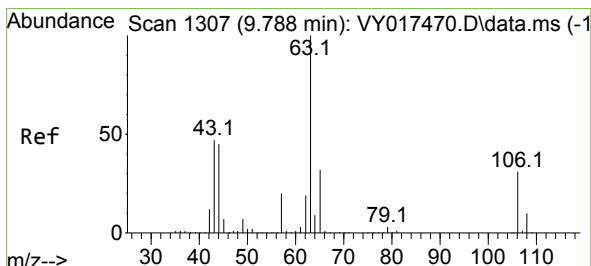
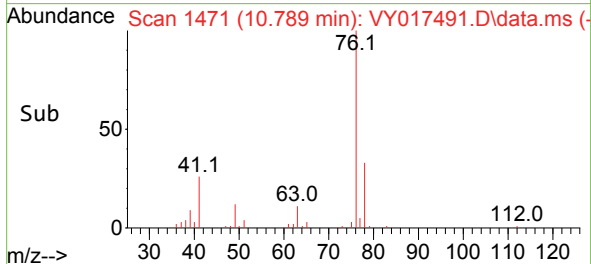
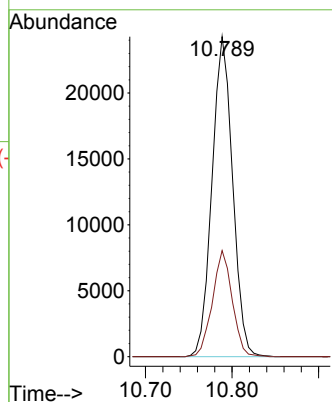
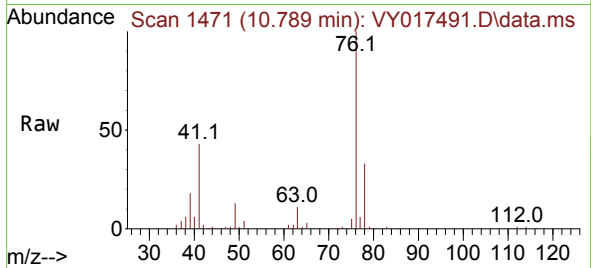




#57
1,3-Dichloropropane
Concen: 18.384 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

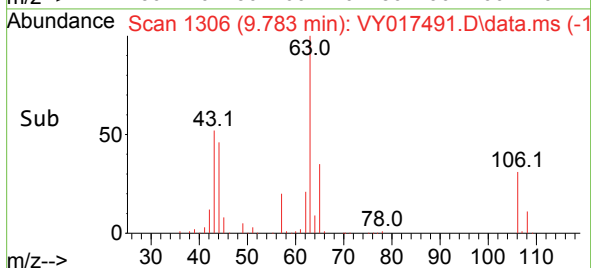
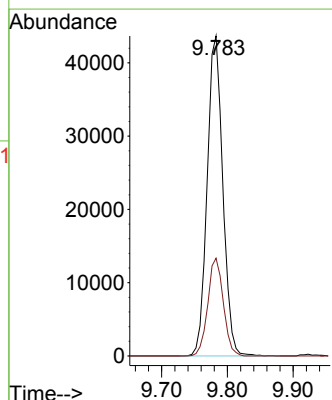
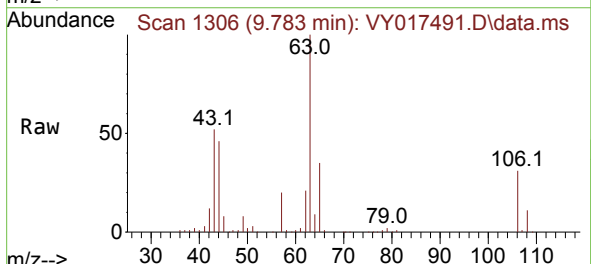
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

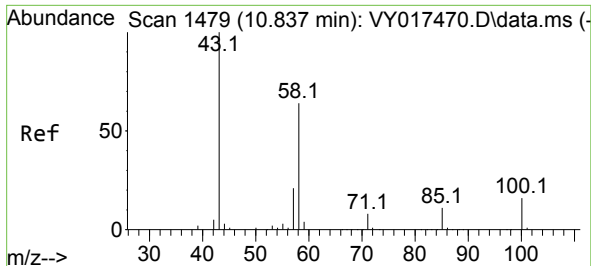
Tgt Ion: 76 Resp: 40142
Ion Ratio Lower Upper
76 100
78 31.9 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 93.225 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 63 Resp: 72247
Ion Ratio Lower Upper
63 100
106 30.4 23.7 35.5

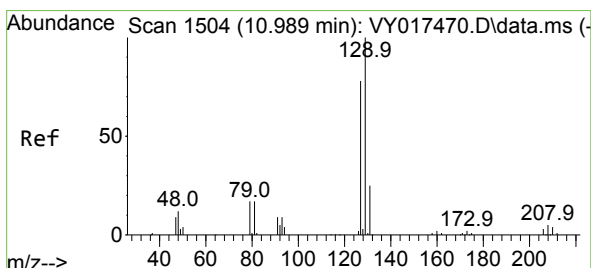
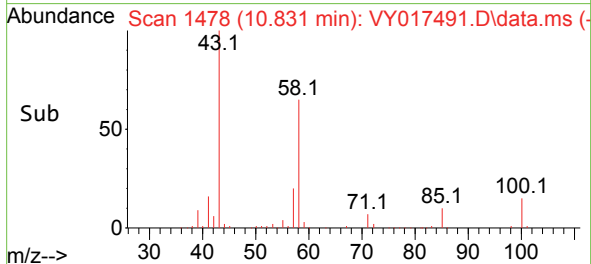
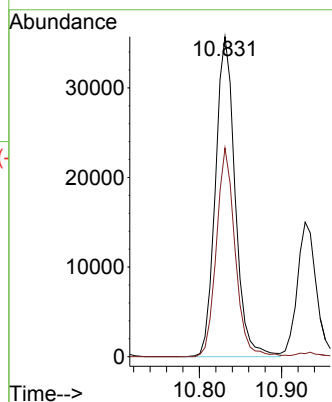
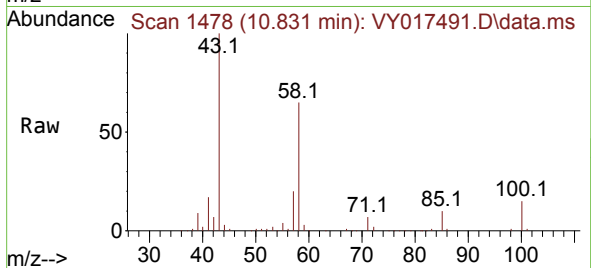




#59
2-Hexanone
Concen: 95.514 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

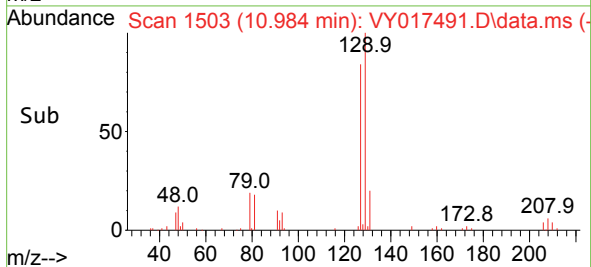
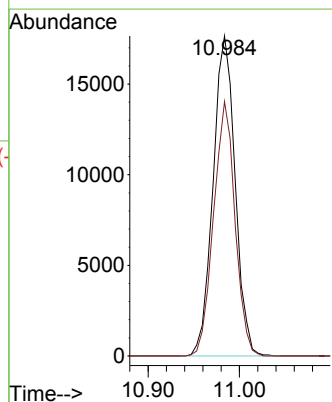
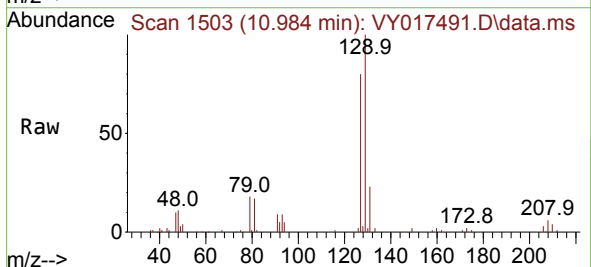
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

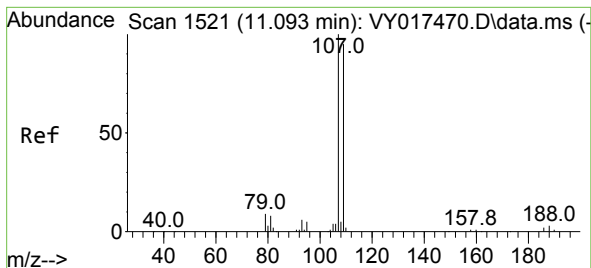
Tgt Ion: 43 Resp: 59365
Ion Ratio Lower Upper
43 100
58 62.1 31.4 94.0



#60
Dibromochloromethane
Concen: 18.652 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 129 Resp: 29633
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0





#61

1,2-Dibromoethane

Concen: 18.447 ug/l

RT: 11.087 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

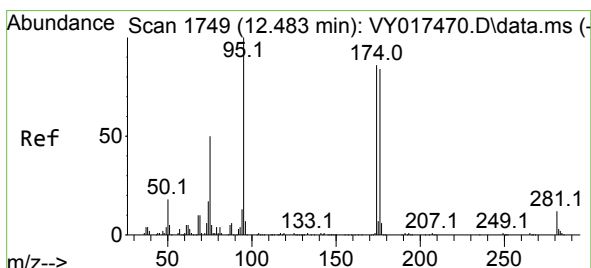
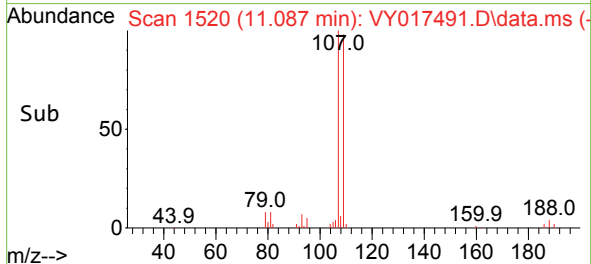
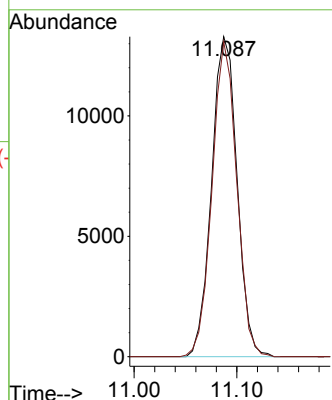
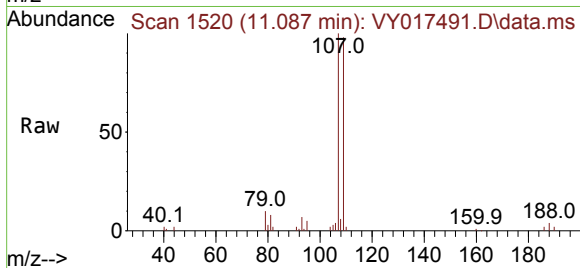
VY0227SBS01

Tgt Ion:107 Resp: 22830

Ion Ratio Lower Upper

107 100

109 95.4 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 48.364 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

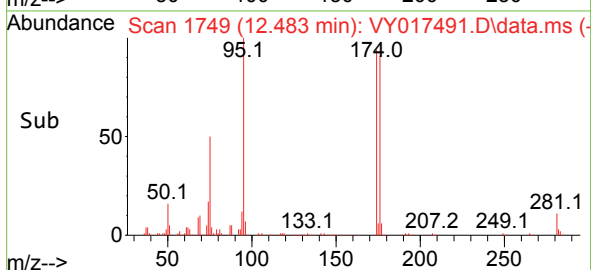
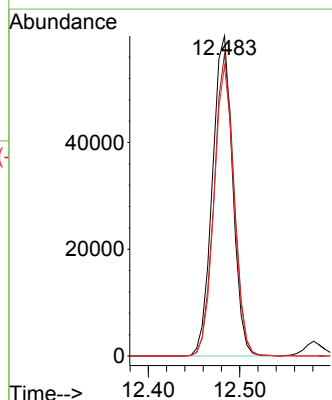
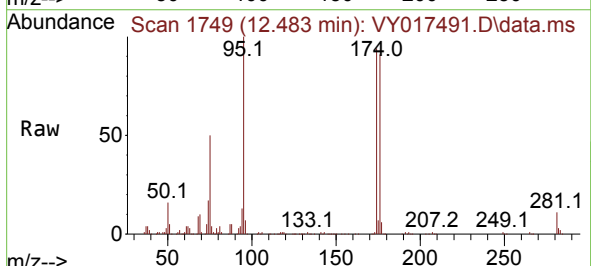
Tgt Ion: 95 Resp: 92139

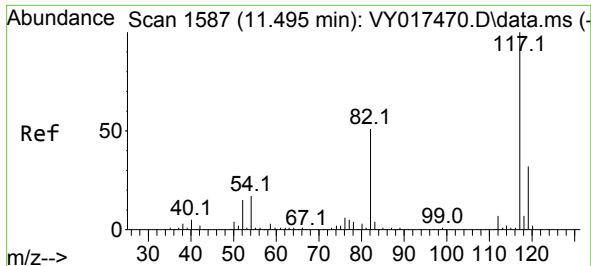
Ion Ratio Lower Upper

95 100

174 93.5 0.0 175.6

176 89.3 0.0 171.4

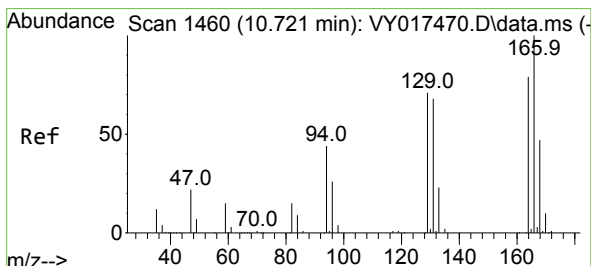
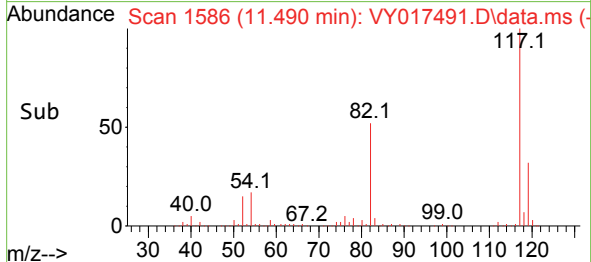
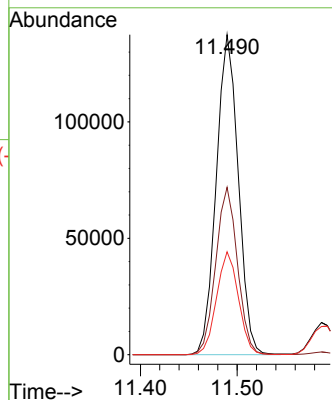
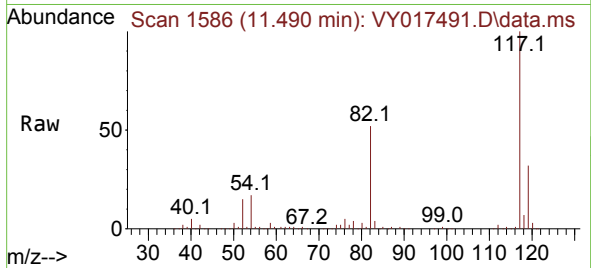




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

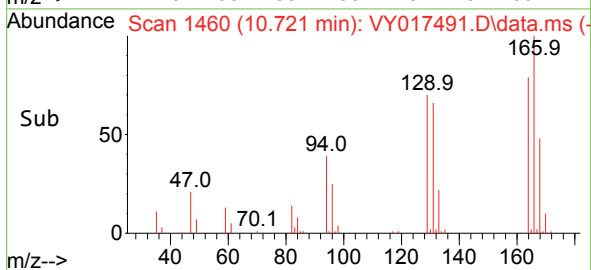
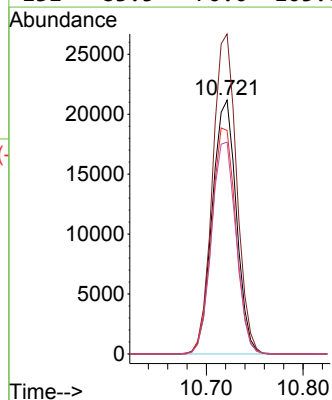
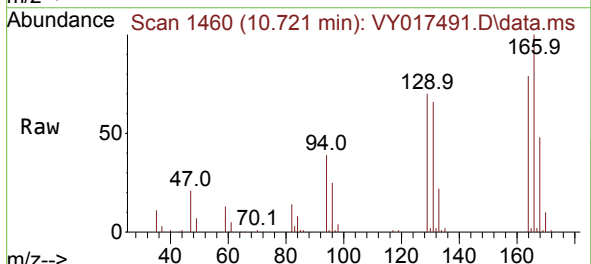
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

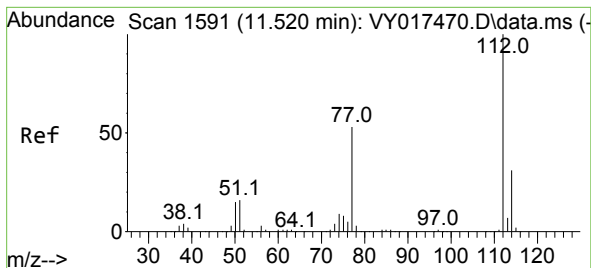
Tgt Ion:117 Resp: 217342
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 32.2 25.9 38.9



#64
Tetrachloroethene
Concen: 17.537 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion:164 Resp: 36584
Ion Ratio Lower Upper
164 100
166 126.1 102.6 154.0
129 88.1 72.0 108.0
131 83.5 70.0 105.0





#65

Chlorobenzene

Concen: 18.337 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

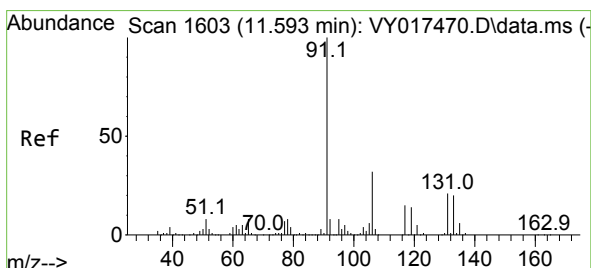
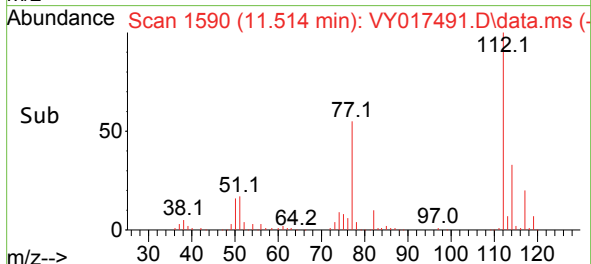
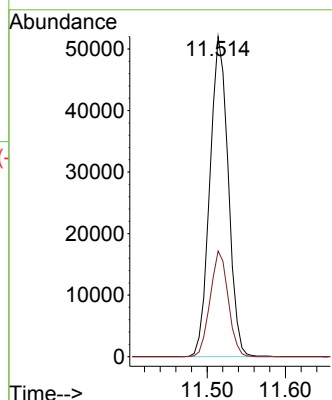
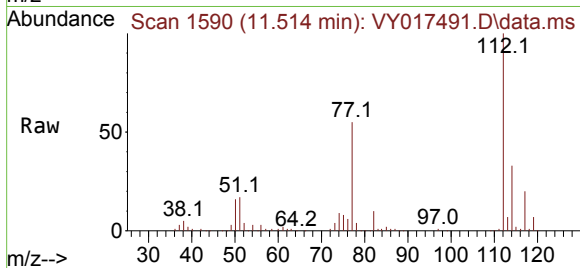
VY0227SBS01

Tgt Ion:112 Resp: 84593

Ion Ratio Lower Upper

112 100

114 33.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 17.821 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

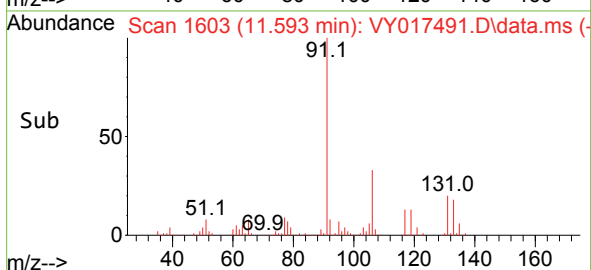
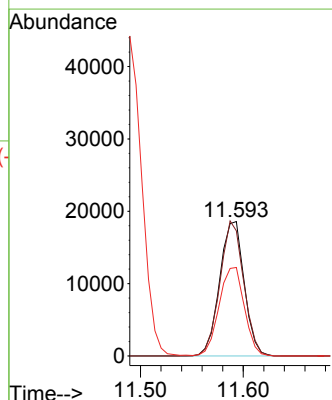
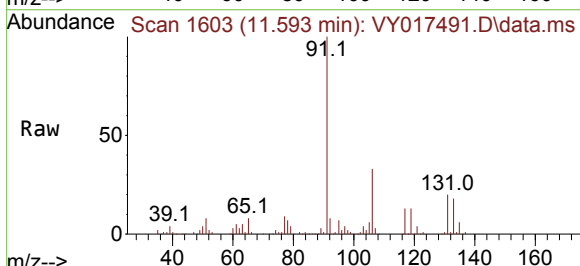
Tgt Ion:131 Resp: 30800

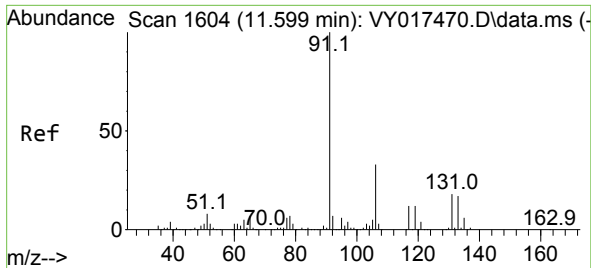
Ion Ratio Lower Upper

131 100

133 97.3 47.8 143.3

119 67.8 34.1 102.2

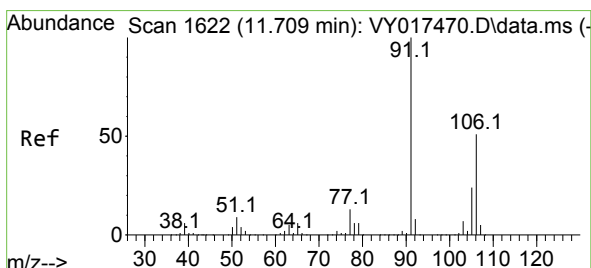
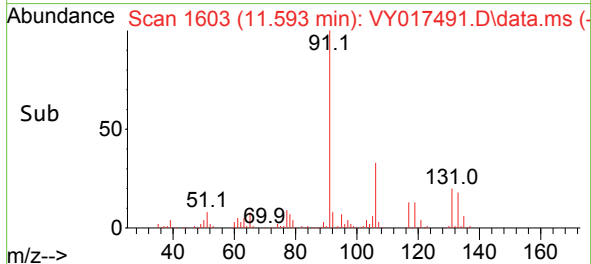
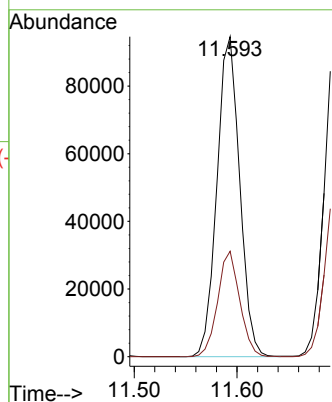
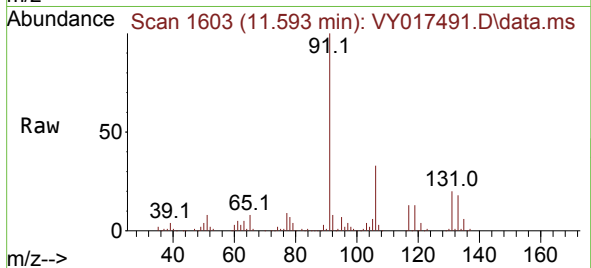




#67
Ethyl Benzene
Concen: 17.911 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

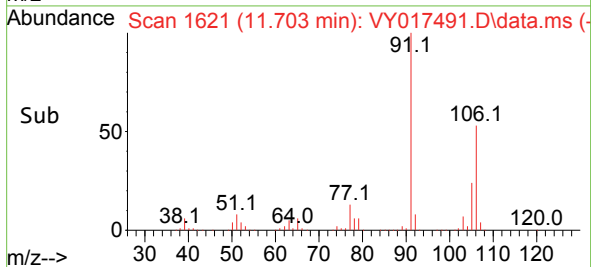
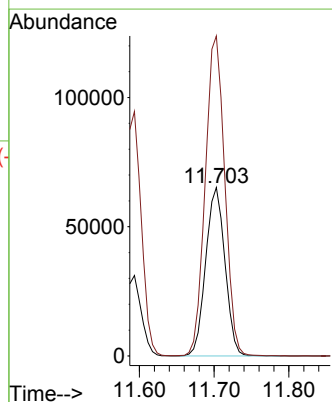
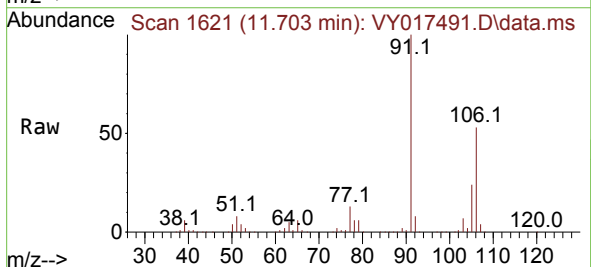
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

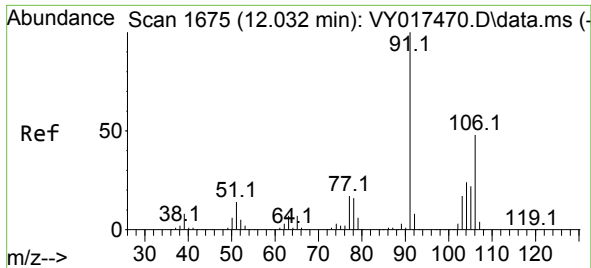
Tgt Ion: 91 Resp: 144907
Ion Ratio Lower Upper
91 100
106 32.9 24.5 36.7



#68
m/p-Xylenes
Concen: 36.631 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 106 Resp: 116454
Ion Ratio Lower Upper
106 100
91 192.4 156.0 234.0

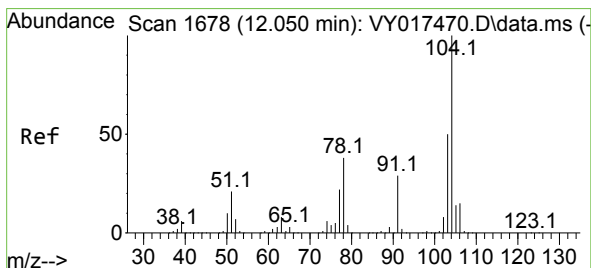
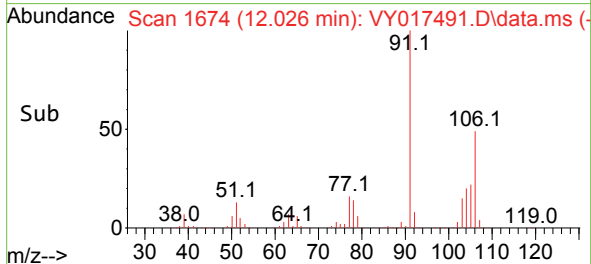
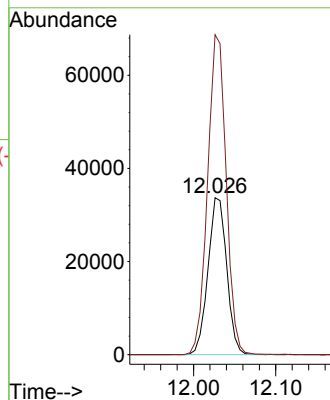
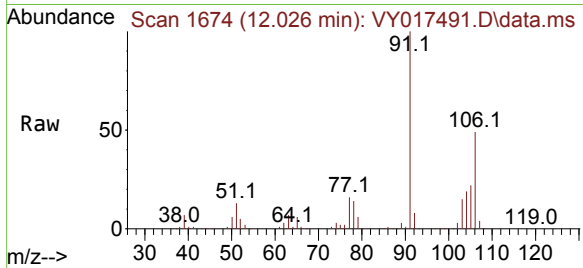




#69
o-Xylene
Concen: 18.098 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

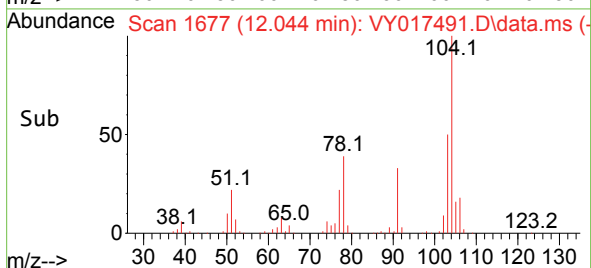
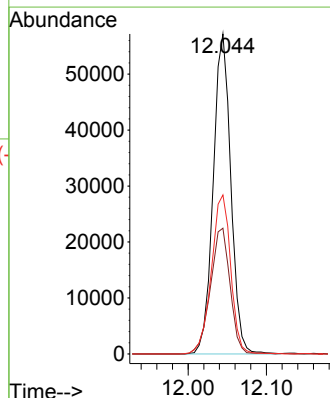
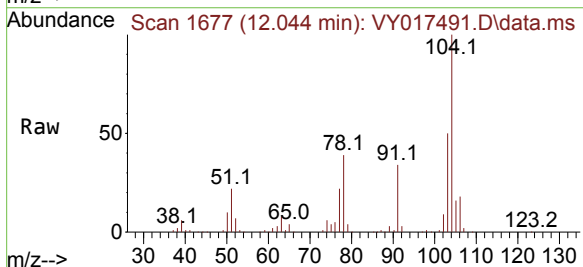
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

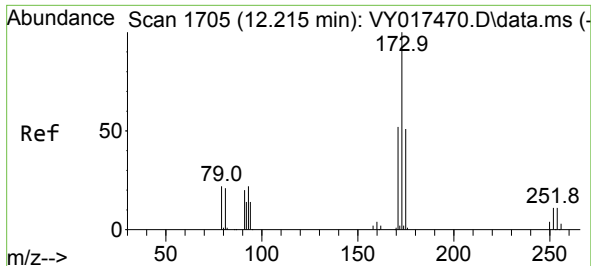
Tgt Ion:106 Resp: 53377
Ion Ratio Lower Upper
106 100
91 202.5 103.6 310.8



#70
Styrene
Concen: 18.268 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion:104 Resp: 89434
Ion Ratio Lower Upper
104 100
78 43.8 37.0 55.4
103 54.3 44.2 66.2

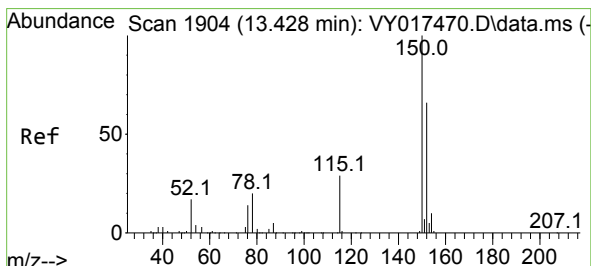
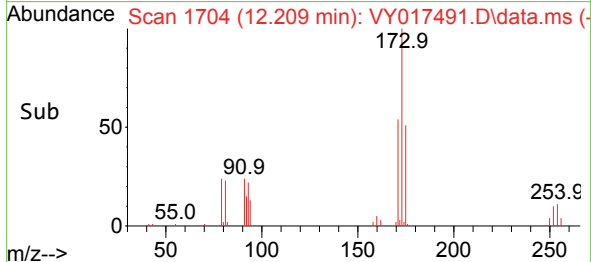
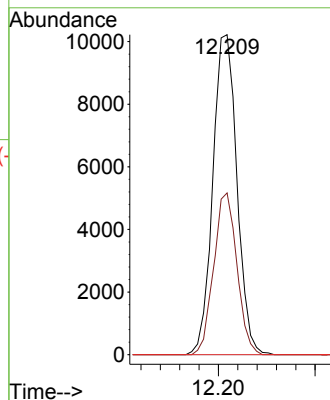
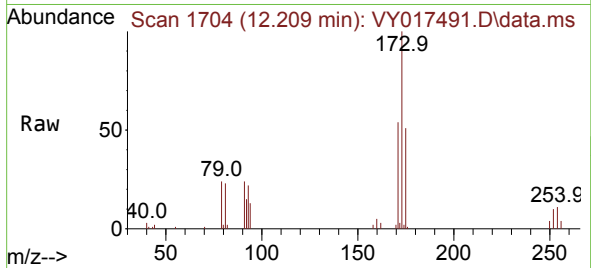




#71
Bromoform
Concen: 18.441 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

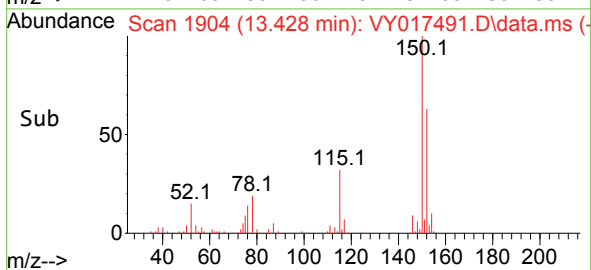
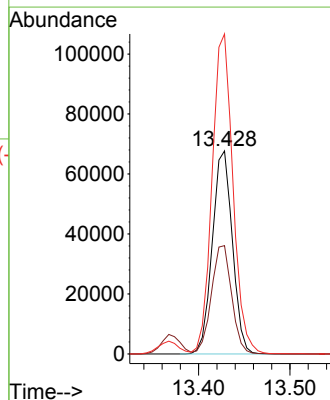
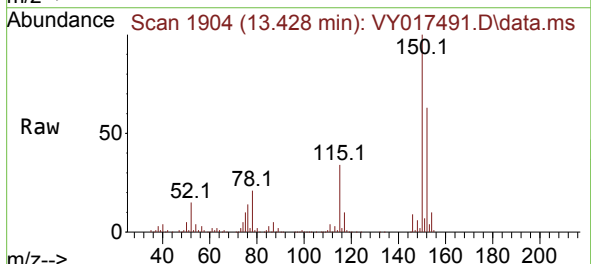
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

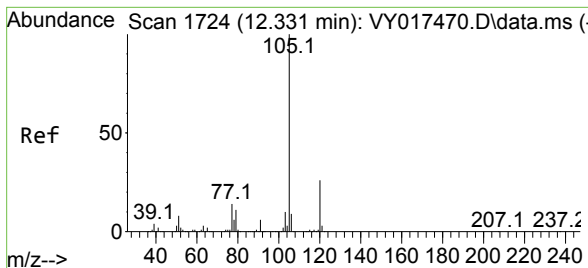
Tgt Ion:173 Resp: 17661
Ion Ratio Lower Upper
173 100
175 48.7 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion:152 Resp: 103589
Ion Ratio Lower Upper
152 100
115 54.0 28.2 84.7
150 163.5 0.0 345.6

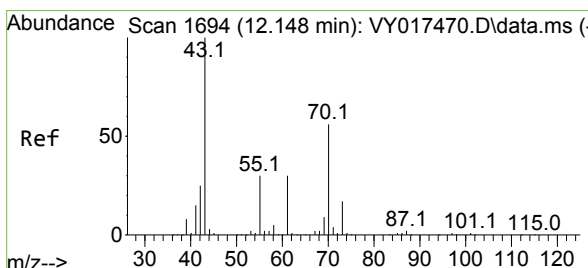
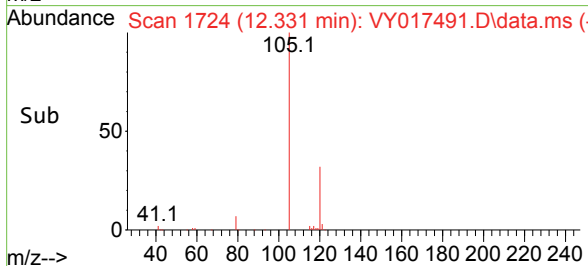
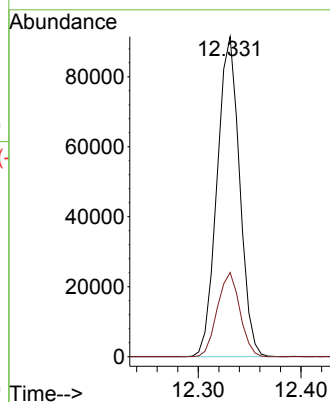
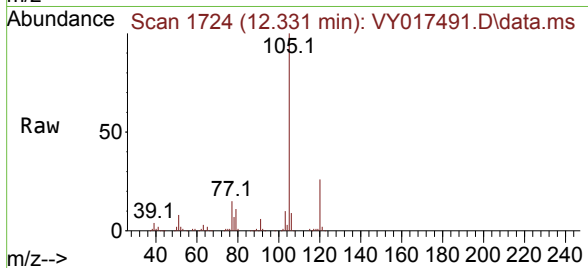




#73
Isopropylbenzene
Concen: 18.059 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

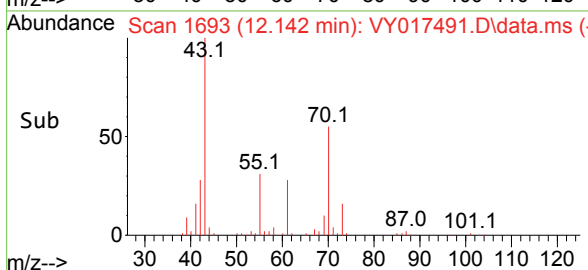
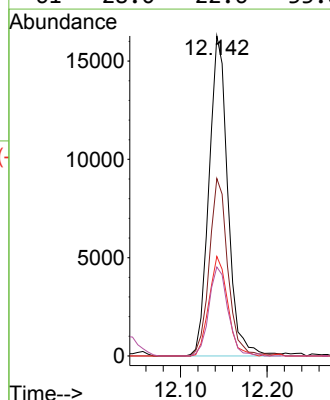
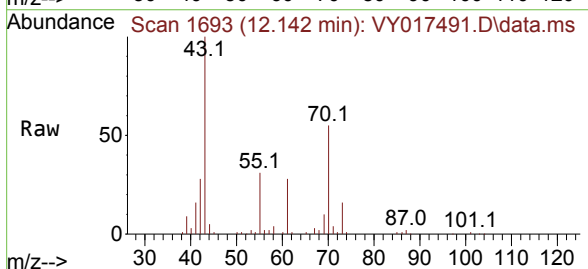
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

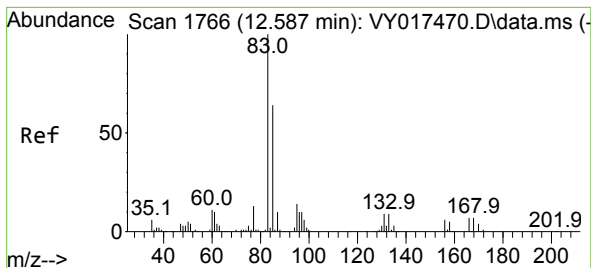
Tgt Ion:105 Resp: 138982
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1



#74
N-ethyl acetate
Concen: 18.124 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 43 Resp: 24601
Ion Ratio Lower Upper
43 100
70 54.7 41.4 62.2
55 30.7 23.3 34.9
61 28.0 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.704 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

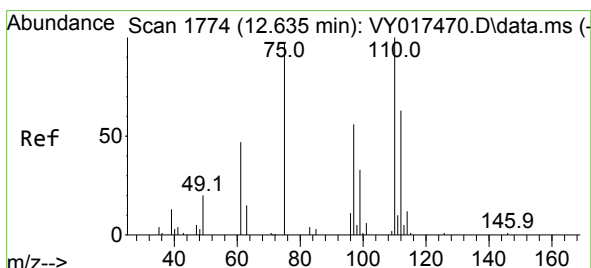
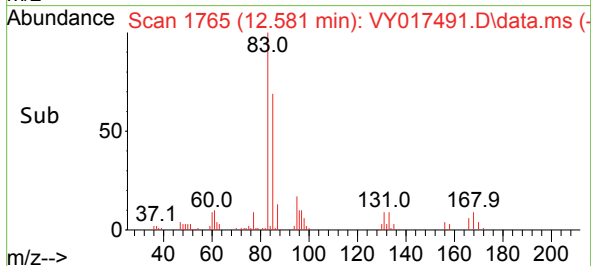
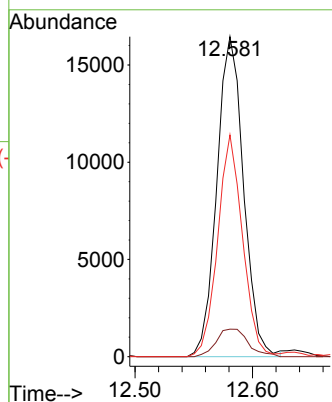
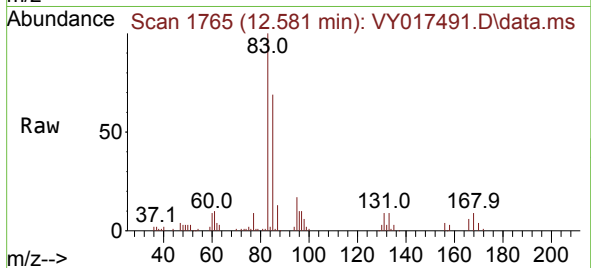
Tgt Ion: 83 Resp: 26040

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 64.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 31.903 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY017491.D

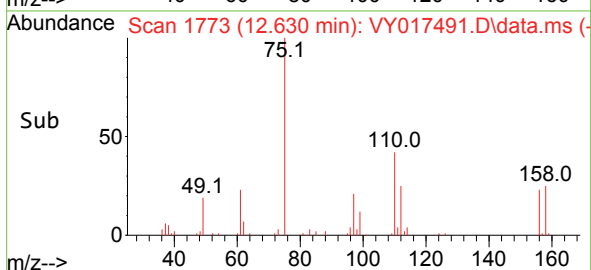
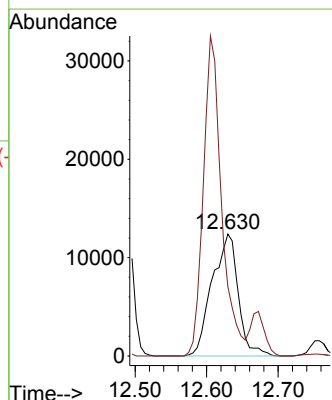
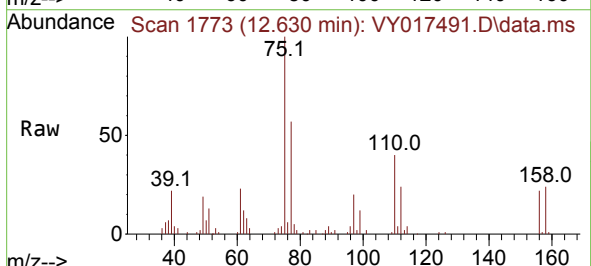
Acq: 27 Feb 2024 13:04

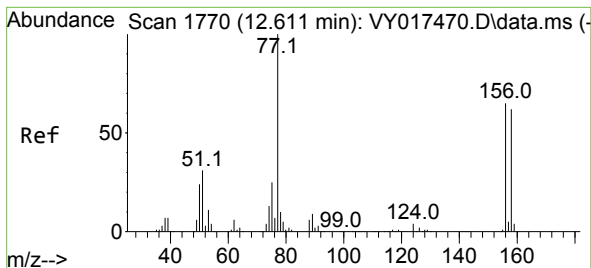
Tgt Ion: 75 Resp: 31401

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.052 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

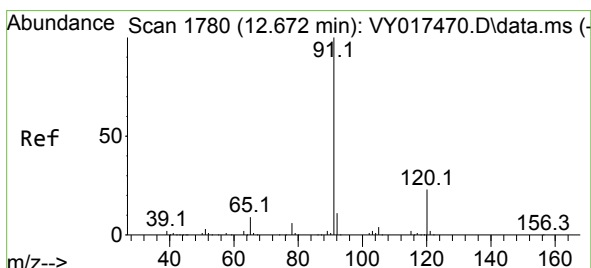
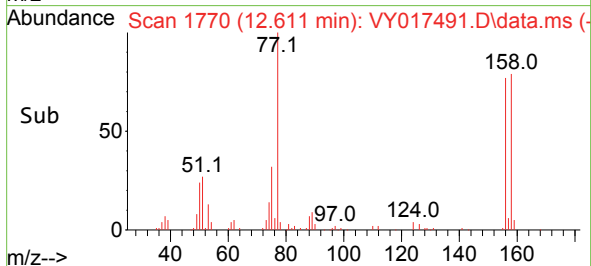
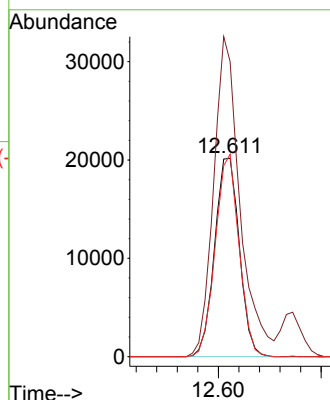
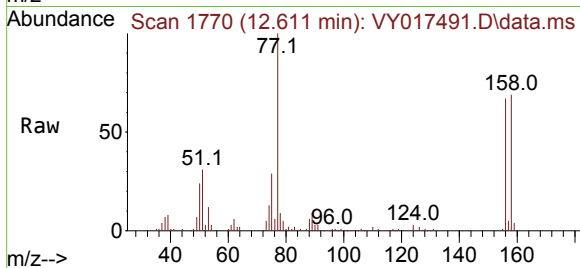
Tgt Ion:156 Resp: 33644

Ion Ratio Lower Upper

156 100

77 172.1 87.1 261.3

158 97.9 48.6 145.9



#78

n-propylbenzene

Concen: 18.540 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017491.D

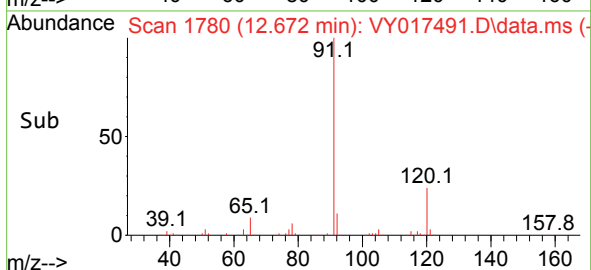
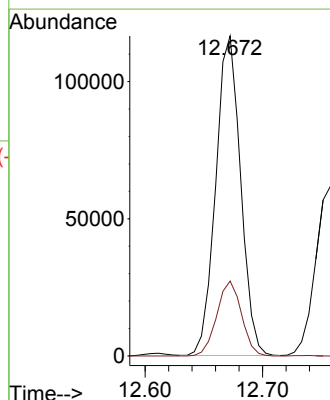
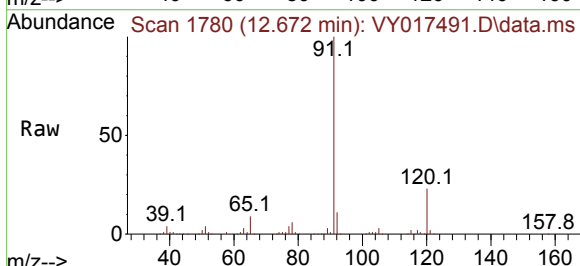
Acq: 27 Feb 2024 13:04

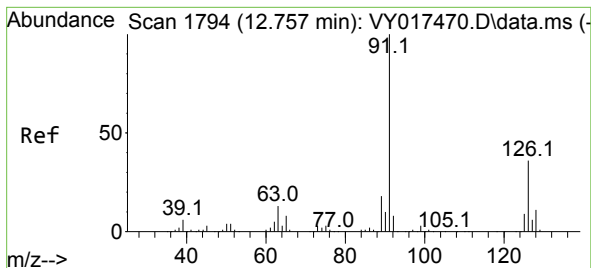
Tgt Ion: 91 Resp: 171202

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

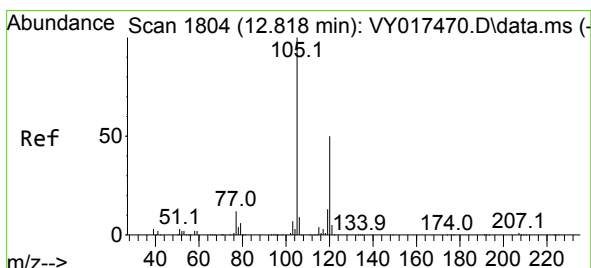
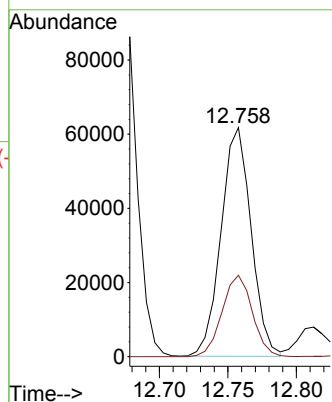
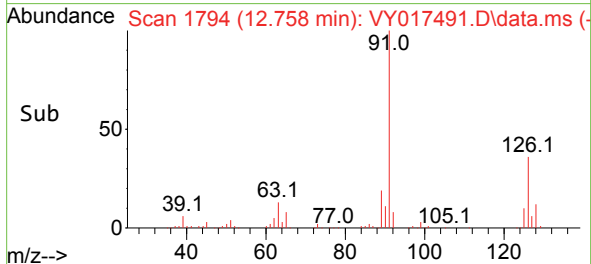
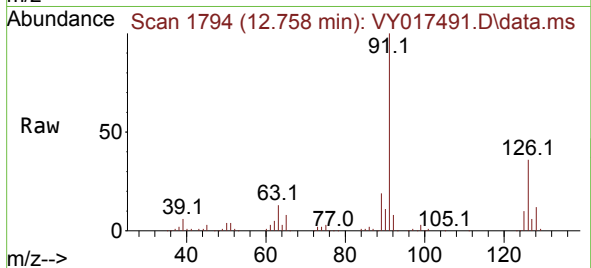




#79
2-Chlorotoluene
Concen: 18.247 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

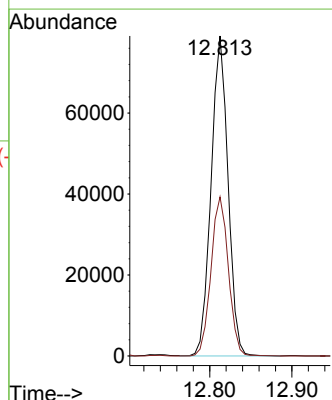
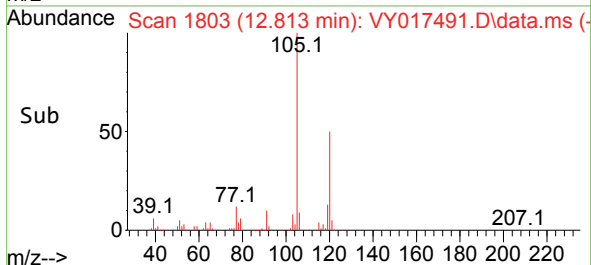
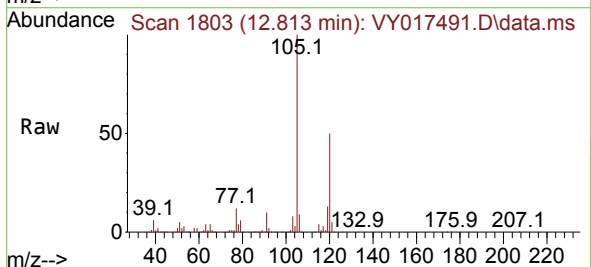
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

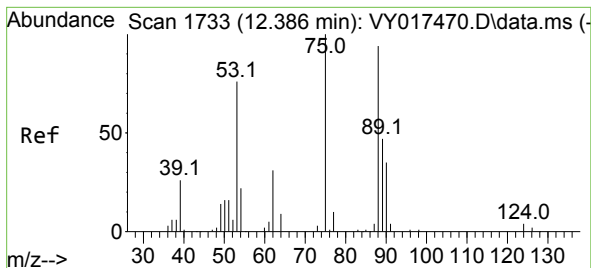
Tgt Ion: 91 Resp: 94340
Ion Ratio Lower Upper
91 100
126 35.7 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 18.320 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 105 Resp: 112959
Ion Ratio Lower Upper
105 100
120 51.1 25.1 75.2

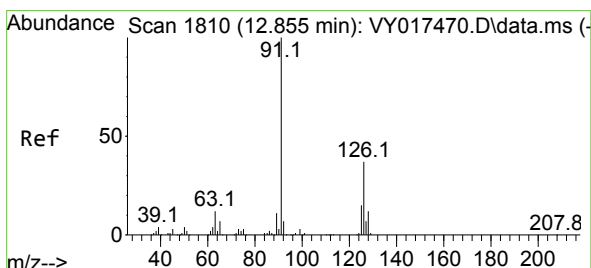
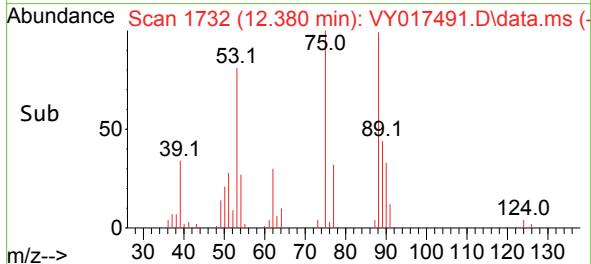
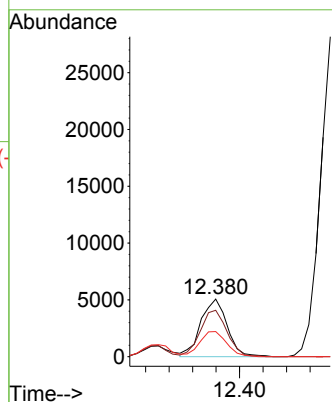
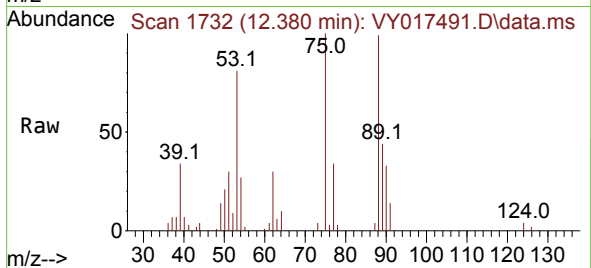




#81
trans-1,4-Dichloro-2-butene
Concen: 18.513 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

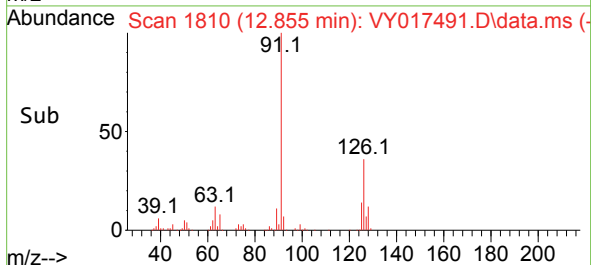
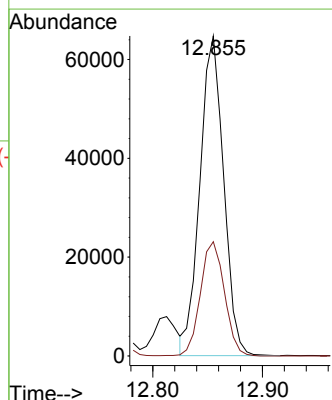
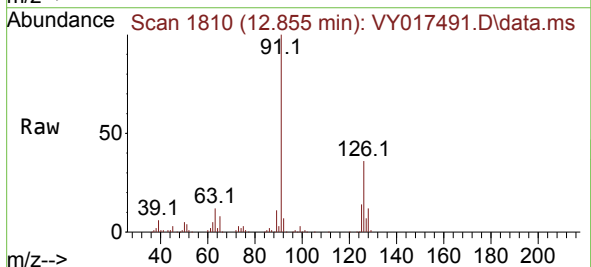
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

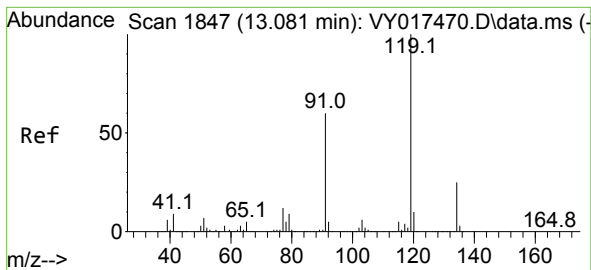
Tgt Ion: 75 Resp: 7930
Ion Ratio Lower Upper
75 100
53 81.6 66.8 100.2
89 44.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 18.395 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 91 Resp: 97275
Ion Ratio Lower Upper
91 100
126 36.3 17.6 52.9

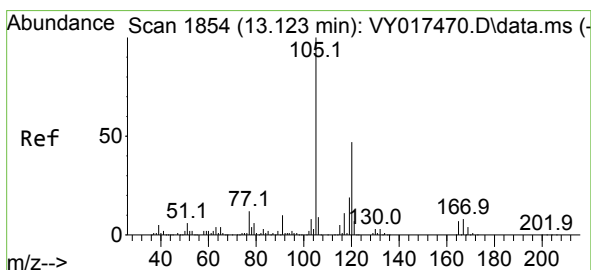
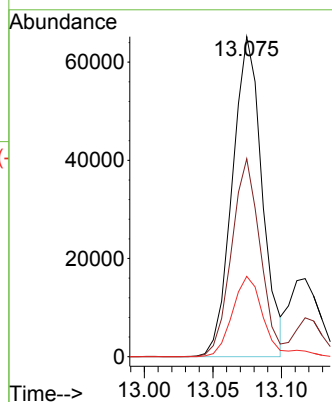
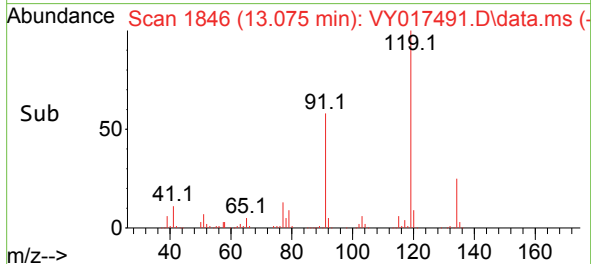
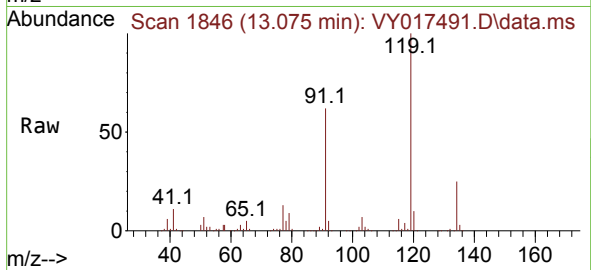




#83
tert-Butylbenzene
Concen: 18.236 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

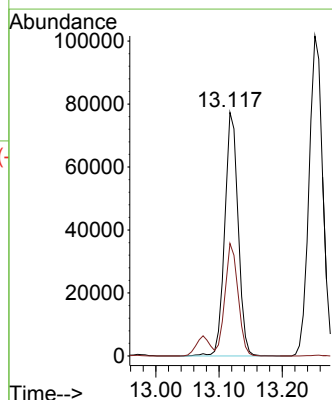
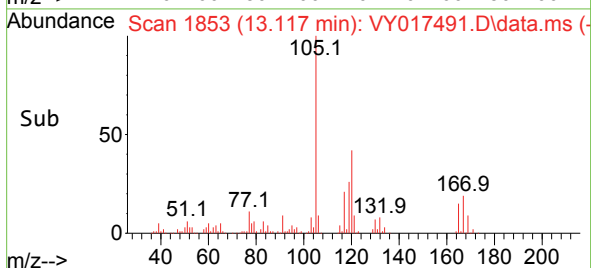
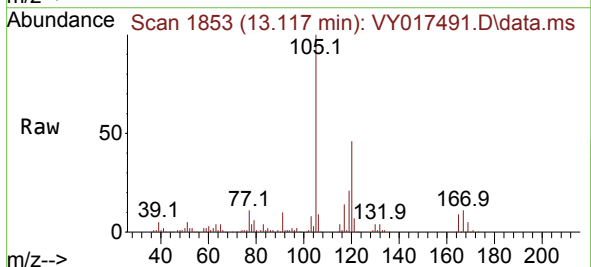
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

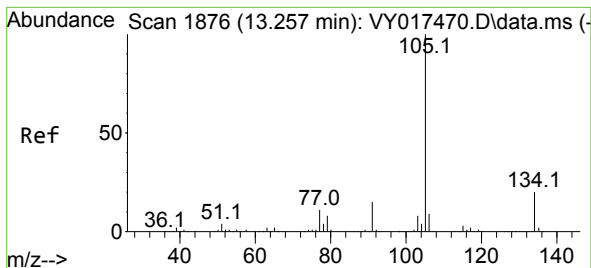
Tgt Ion:119 Resp: 98732
Ion Ratio Lower Upper
119 100
91 59.4 31.3 93.8
134 26.6 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 18.565 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion:105 Resp: 113004
Ion Ratio Lower Upper
105 100
120 45.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 18.307 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

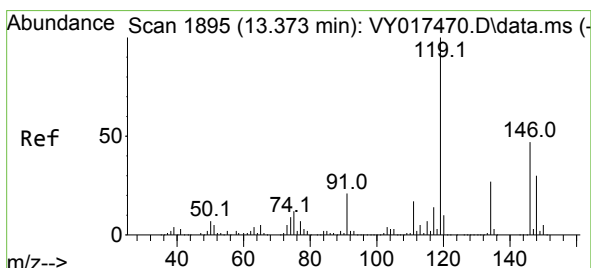
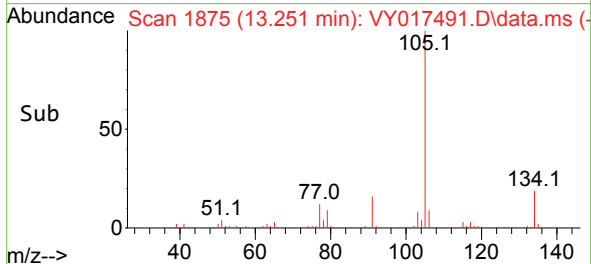
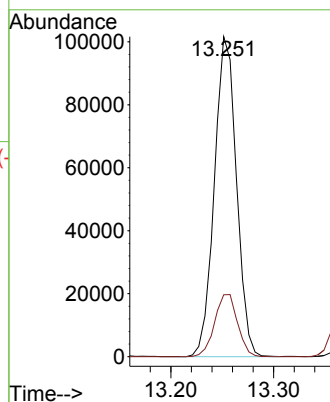
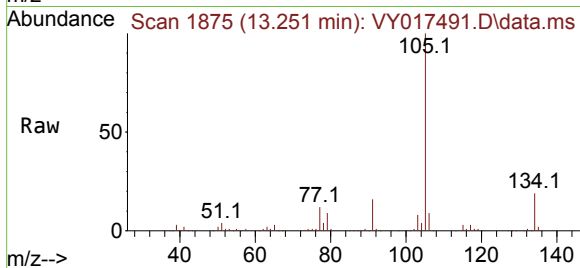
VY0227SBS01

Tgt Ion:105 Resp: 151544

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 18.392 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

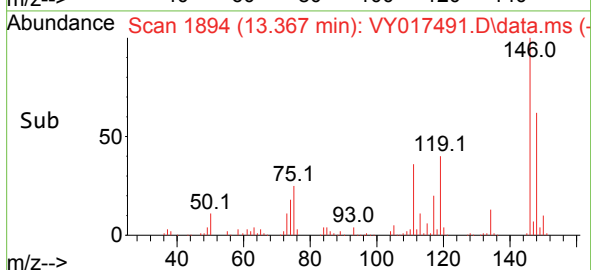
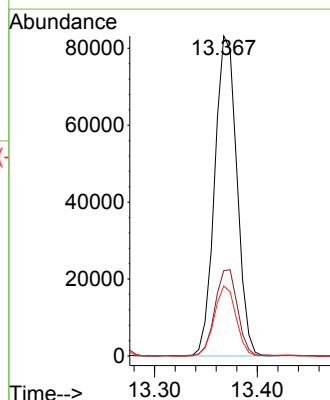
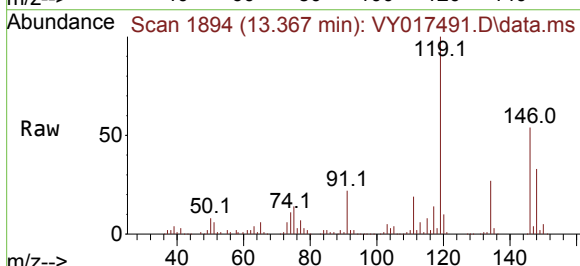
Tgt Ion:119 Resp: 124631

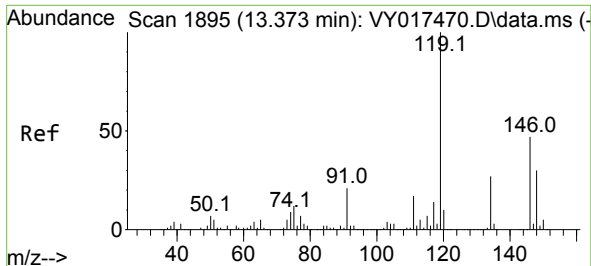
Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

91 21.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.183 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

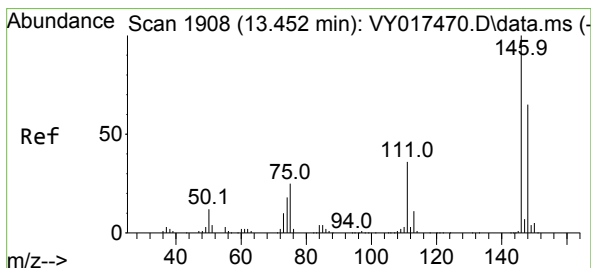
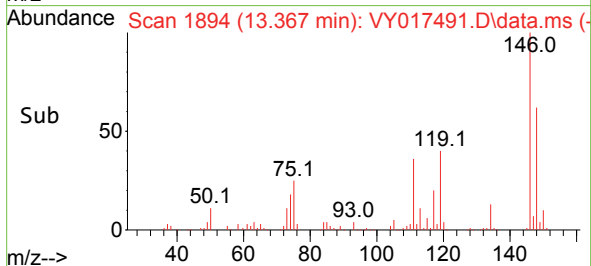
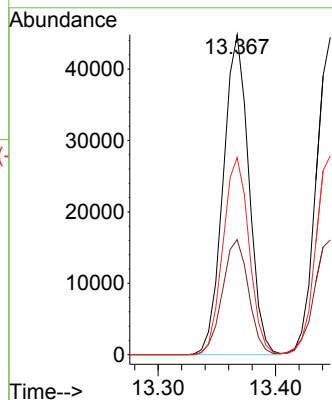
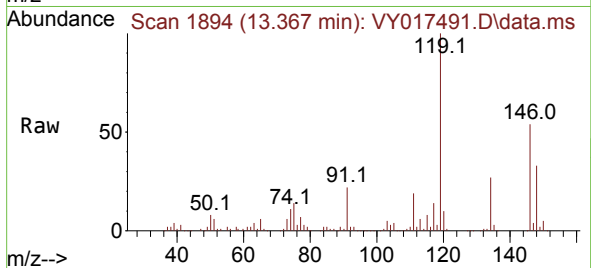
Tgt Ion:146 Resp: 68022

Ion Ratio Lower Upper

146 100

111 36.8 19.0 57.0

148 62.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 18.687 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

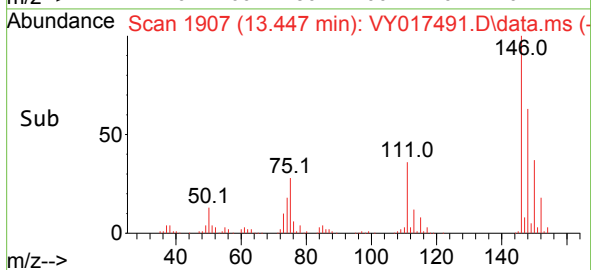
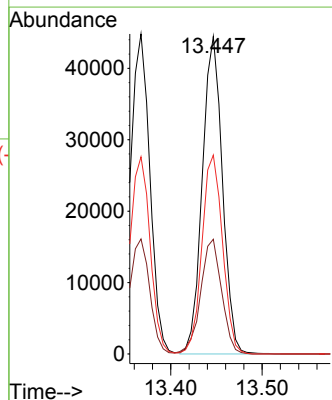
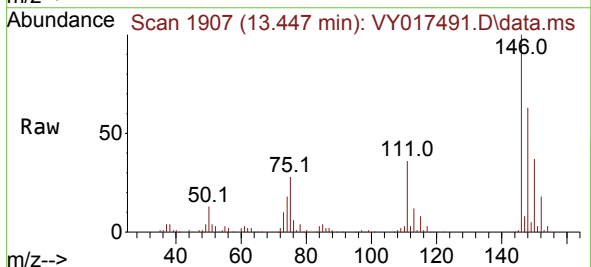
Tgt Ion:146 Resp: 67964

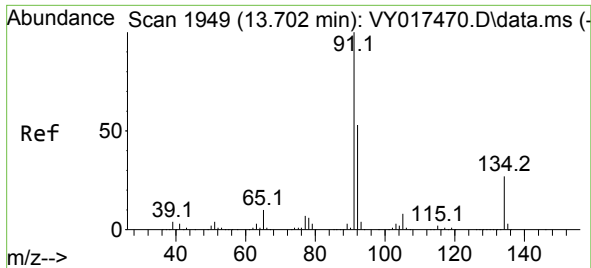
Ion Ratio Lower Upper

146 100

111 37.7 18.4 55.4

148 64.2 32.4 97.2

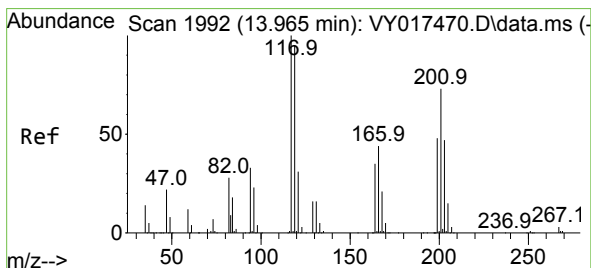
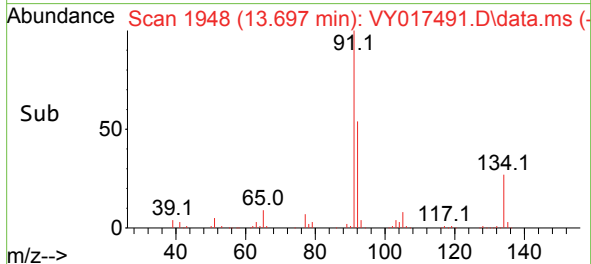
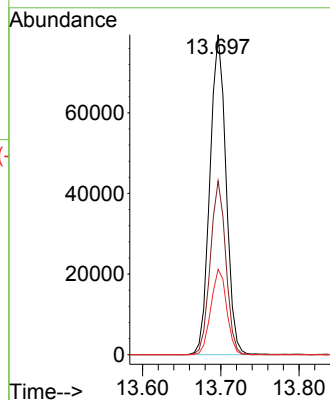
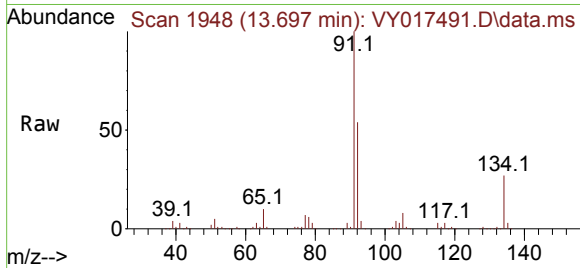




#89
n-Butylbenzene
Concen: 18.326 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

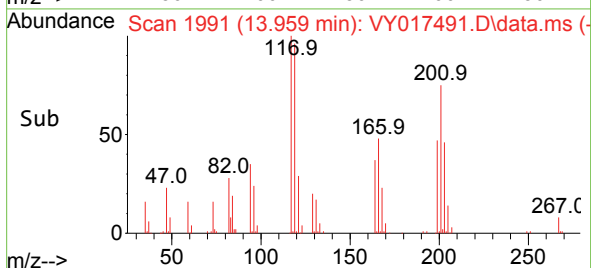
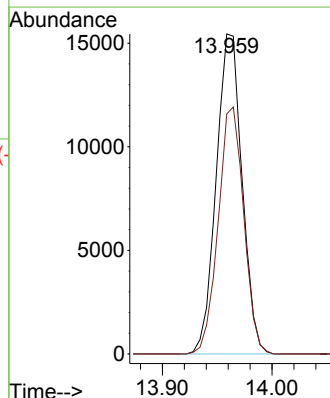
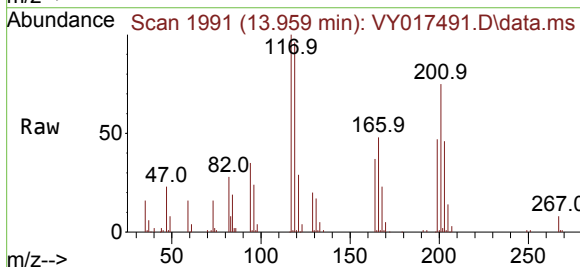
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

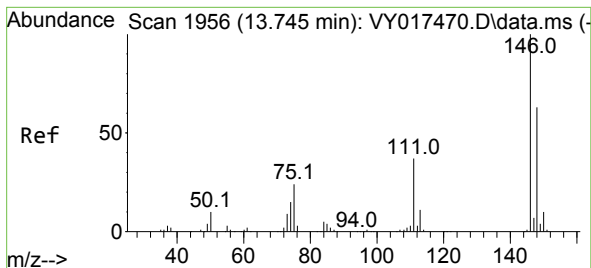
Tgt Ion: 91 Resp: 113298
Ion Ratio Lower Upper
91 100
92 52.2 26.6 79.7
134 26.1 12.9 38.7



#90
Hexachloroethane
Concen: 18.653 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY017491.D
Acq: 27 Feb 2024 13:04

Tgt Ion: 117 Resp: 25340
Ion Ratio Lower Upper
117 100
201 76.1 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 18.380 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

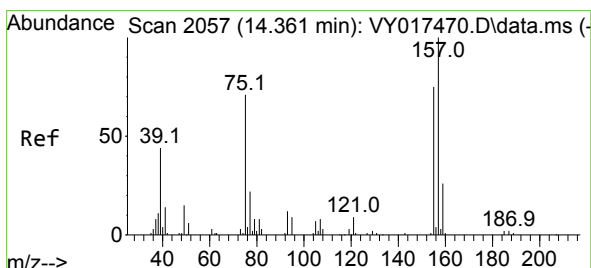
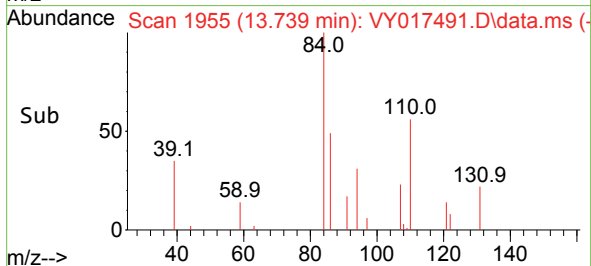
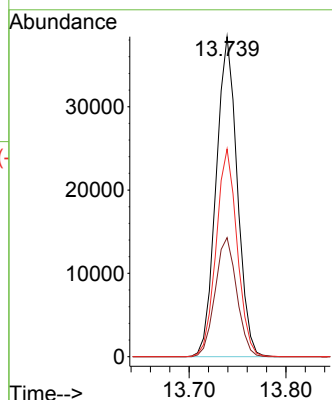
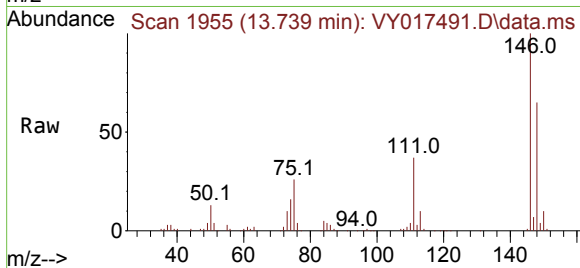
Tgt Ion:146 Resp: 58160

Ion Ratio Lower Upper

146 100

111 38.1 19.9 59.7

148 64.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.918 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

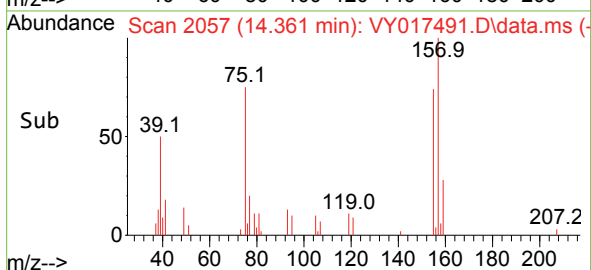
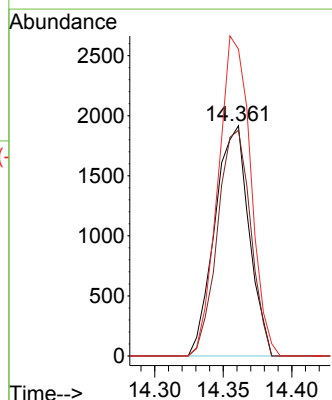
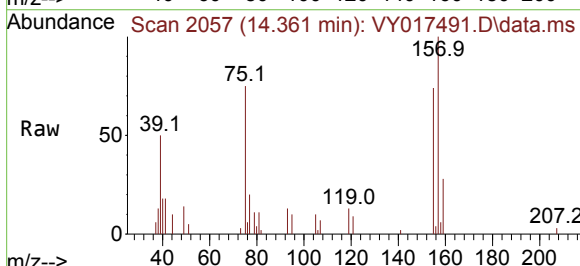
Tgt Ion: 75 Resp: 3329

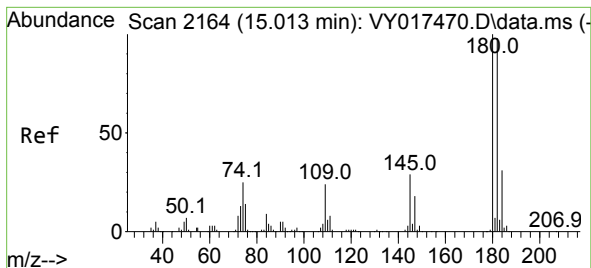
Ion Ratio Lower Upper

75 100

155 94.5 48.6 145.8

157 132.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.722 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

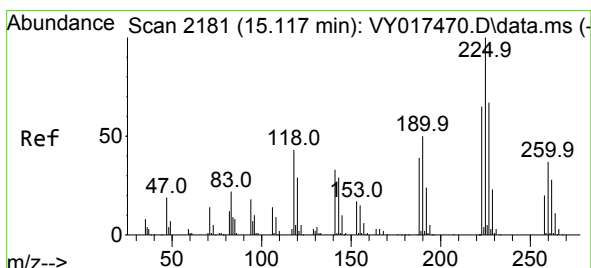
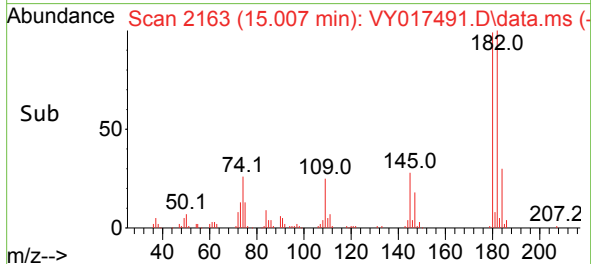
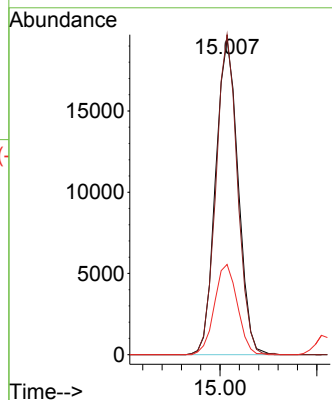
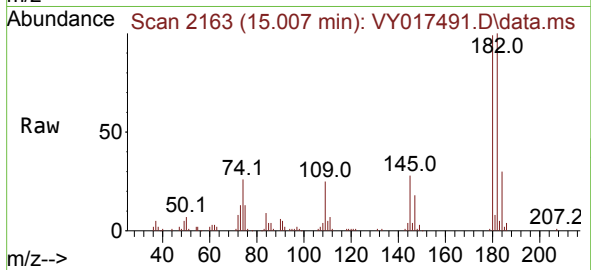
Tgt Ion:180 Resp: 31292

Ion Ratio Lower Upper

180 100

182 97.0 47.9 143.8

145 29.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.506 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

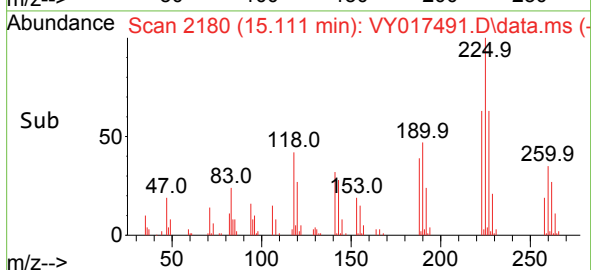
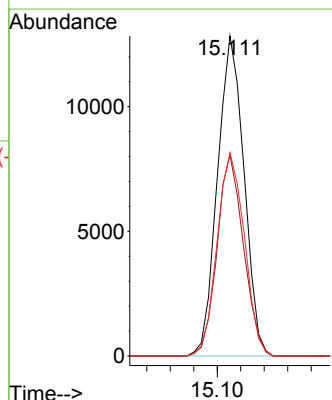
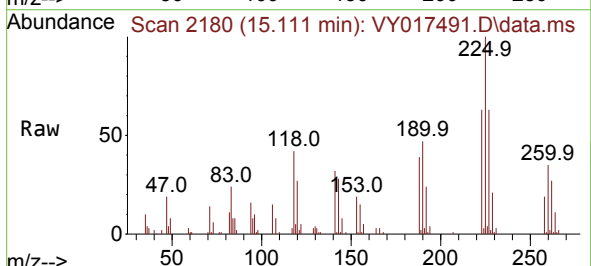
Tgt Ion:225 Resp: 20129

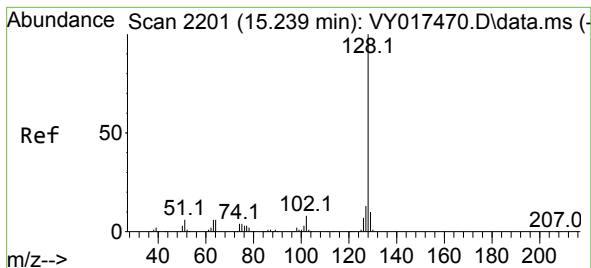
Ion Ratio Lower Upper

225 100

223 62.5 30.4 91.2

227 65.3 31.9 95.9





#95

Naphthalene

Concen: 18.274 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

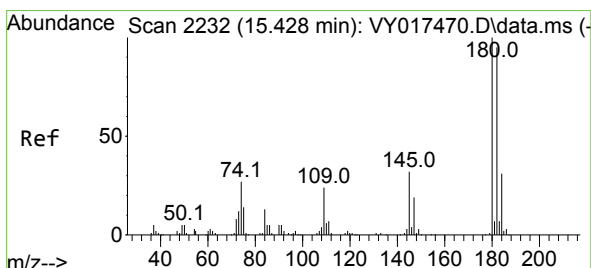
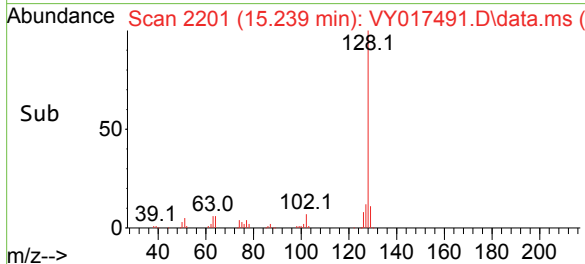
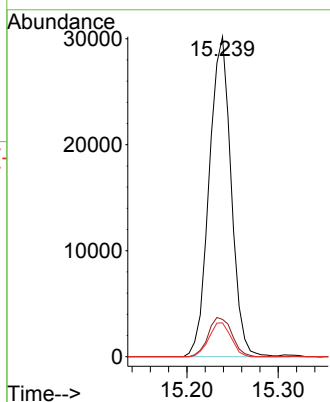
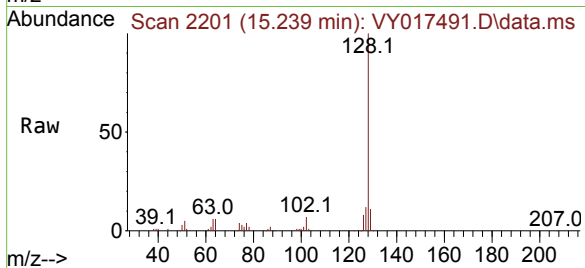
Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

Tgt Ion:128	Resp:	50456
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.6 16.0
129	10.7	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.655 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY017491.D

Acq: 27 Feb 2024 13:04

Tgt Ion:180	Resp:	26748
Ion Ratio	Lower	Upper
180	100	
182	94.4	47.6 142.9
145	30.4	15.4 46.1

