

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
 Data File : VY017689.D
 Acq On : 18 Mar 2024 15:24
 Operator : SY/MD
 Sample : VY0318SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Quant Time: Mar 19 04:08:29 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	145578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	206416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	58667	42.522	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.040%
35) Dibromofluoromethane	7.716	113	68565	41.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.620%
50) Toluene-d8	10.185	98	255661	44.592	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.180%
62) 4-Bromofluorobenzene	12.483	95	77387	42.949	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	18991	17.685	ug/l	100
3) Chloromethane	2.113	50	37485	19.105	ug/l	97
4) Vinyl Chloride	2.253	62	49167	19.533	ug/l	99
5) Bromomethane	2.650	94	42465	20.702	ug/l	99
6) Chloroethane	2.796	64	33059	20.819	ug/l	97
7) Trichlorofluoromethane	3.125	101	48500	18.905	ug/l	97
8) Diethyl Ether	3.534	74	14376	19.106	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	29578	20.044	ug/l	99
10) Methyl Iodide	4.095	142	30573	18.461	ug/l	99
11) Tert butyl alcohol	4.948	59	9135	77.946	ug/l #	85
12) 1,1-Dichloroethene	3.875	96	26716	19.427	ug/l	95
13) Acrolein	3.735	56	11073	71.607	ug/l	99
14) Allyl chloride	4.479	41	31959	19.233	ug/l	98
15) Acrylonitrile	5.161	53	28692	92.759	ug/l	99
16) Acetone	3.948	43	26368	98.534	ug/l	94
17) Carbon Disulfide	4.198	76	78897	19.114	ug/l	100
18) Methyl Acetate	4.479	43	10929	16.834	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	61041	19.043	ug/l	98
20) Methylene Chloride	4.716	84	34492	18.486	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	31616	19.635	ug/l	93
22) Diisopropyl ether	6.125	45	79080	20.624	ug/l	96
23) Vinyl Acetate	6.064	43	223593	97.856	ug/l	99
24) 1,1-Dichloroethane	6.021	63	53601	20.461	ug/l	99
25) 2-Butanone	6.984	43	37101	97.284	ug/l	99
26) 2,2-Dichloropropane	6.990	77	44809	20.345	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	36189	20.017	ug/l	100
28) Bromochloromethane	7.332	49	18056	17.501	ug/l	99
29) Tetrahydrofuran	7.350	42	20344	88.494	ug/l	99
30) Chloroform	7.509	83	57829	20.734	ug/l	96
31) Cyclohexane	7.789	56	44005	19.599	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	48690	20.108	ug/l	99
36) 1,1-Dichloropropene	7.923	75	42816	19.352	ug/l	99
37) Ethyl Acetate	7.076	43	15148	17.335	ug/l #	97
38) Carbon Tetrachloride	7.905	117	43295	19.525	ug/l	98
39) Methylcyclohexane	9.185	83	49572	18.644	ug/l	98
40) Benzene	8.161	78	130407	19.848	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	6871	15.669	ug/l	89
42) 1,2-Dichloroethane	8.240	62	31101	19.401	ug/l	98
43) Isopropyl Acetate	8.277	43	27355	17.814	ug/l	97
44) Trichloroethene	8.941	130	36287	19.161	ug/l	98
45) 1,2-Dichloropropane	9.216	63	30516	19.522	ug/l	95
46) Dibromomethane	9.307	93	17096	19.110	ug/l	100
47) Bromodichloromethane	9.496	83	43017	19.803	ug/l	97
48) Methyl methacrylate	9.295	41	12798	18.006	ug/l	97
49) 1,4-Dioxane	9.301	88	3423	338.089	ug/l #	99
51) 4-Methyl-2-Pentanone	10.075	43	74133	86.623	ug/l	100
52) Toluene	10.246	92	81654	19.713	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	38004	18.849	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	47591	19.426	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	23532	18.526	ug/l	94
56) Ethyl methacrylate	10.514	69	25489	18.021	ug/l	98
57) 1,3-Dichloropropane	10.795	76	38622	18.702	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	65122	88.847	ug/l	100
59) 2-Hexanone	10.837	43	52291	88.954	ug/l	99
60) Dibromochloromethane	10.990	129	28014	18.643	ug/l	99
61) 1,2-Dibromoethane	11.093	107	21572	18.429	ug/l	100
64) Tetrachloroethene	10.721	164	37098	18.725	ug/l	97
65) Chlorobenzene	11.520	112	85500	19.515	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	31215	19.017	ug/l	100
67) Ethyl Benzene	11.593	91	146335	19.045	ug/l	98
68) m/p-Xylenes	11.703	106	117924	39.057	ug/l	98
69) o-Xylene	12.032	106	53096	18.956	ug/l	99
70) Styrene	12.050	104	88220	18.974	ug/l	99
71) Bromoform	12.209	173	16196	17.806	ug/l #	98
73) Isopropylbenzene	12.337	105	141165	20.106	ug/l	99
74) N-amyl acetate	12.148	43	23466	18.950	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	24250	20.113	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	30169	33.598	ug/l #	100
77) Bromobenzene	12.611	156	33838	19.901	ug/l	96
78) n-propylbenzene	12.678	91	174481	20.711	ug/l	99
79) 2-Chlorotoluene	12.764	91	95901	20.332	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	113861	20.242	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	7332	18.762	ug/l	94
82) 4-Chlorotoluene	12.861	91	100413	20.813	ug/l	99
83) tert-Butylbenzene	13.081	119	99672	20.178	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	112392	20.239	ug/l	100
85) sec-Butylbenzene	13.258	105	154623	20.475	ug/l	99
86) p-Isopropyltoluene	13.373	119	125906	20.366	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	66544	19.498	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	65456	19.727	ug/l	100
89) n-Butylbenzene	13.703	91	114608	20.319	ug/l	99
90) Hexachloroethane	13.965	117	25561	20.624	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	56818	19.682	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2748	16.212	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	29630	19.432	ug/l	97
94) Hexachlorobutadiene	15.117	225	19425	20.633	ug/l	98
95) Naphthalene	15.245	128	43504	17.486	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	24298	18.575	ug/l	99

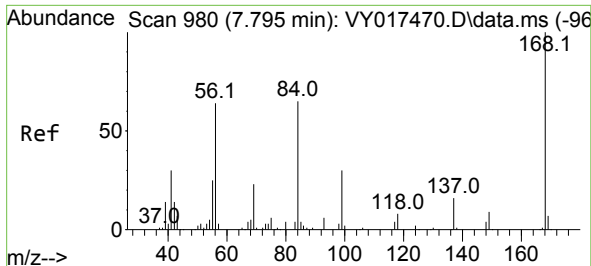
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
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Response via : Initial Calibration

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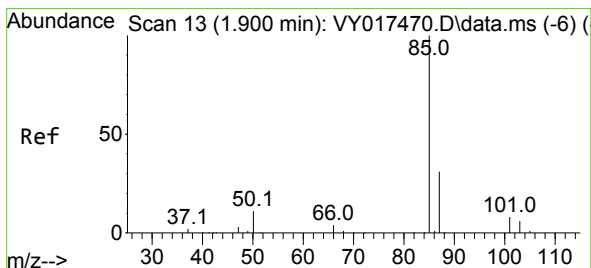
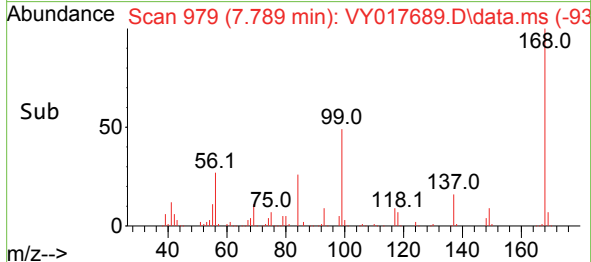
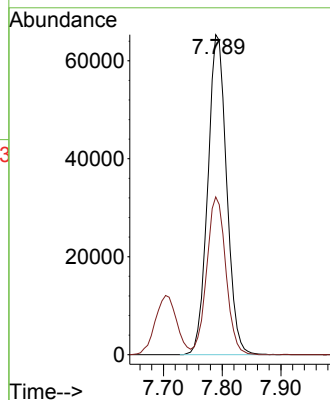
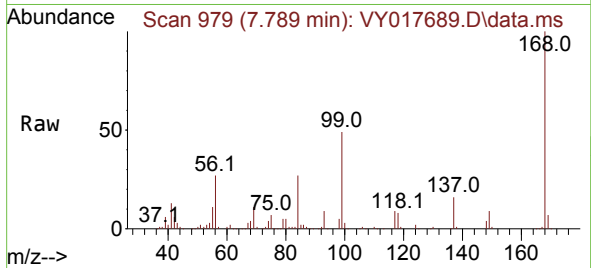
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

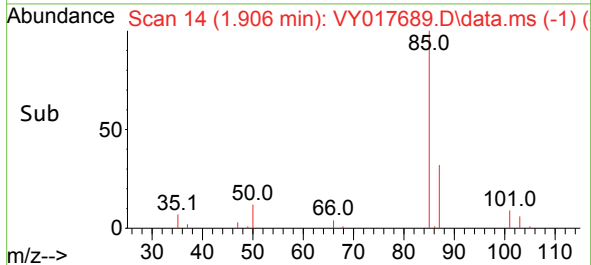
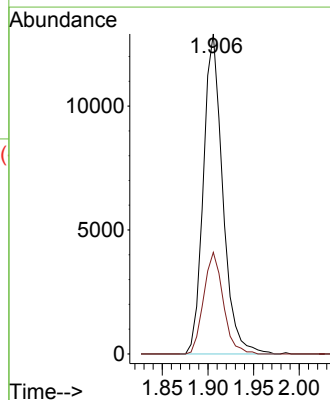
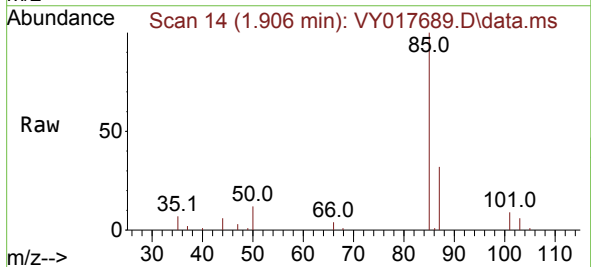
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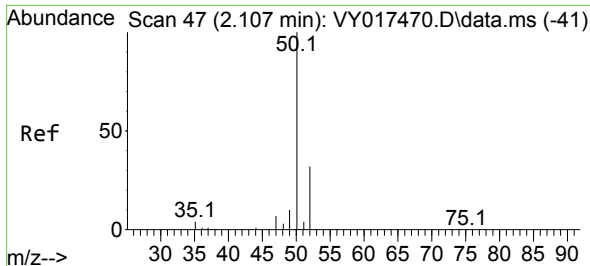
Tgt Ion:168 Resp: 145578
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 17.685 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 85 Resp: 18991
Ion Ratio Lower Upper
85 100
87 31.8 16.0 48.0

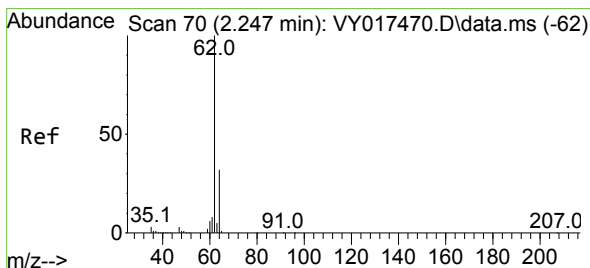
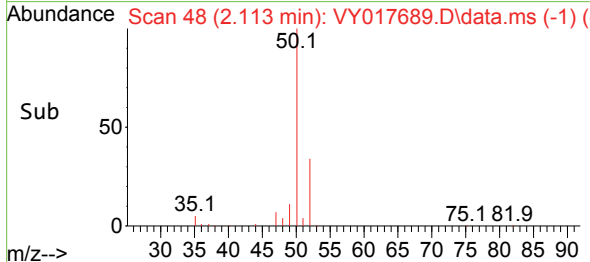
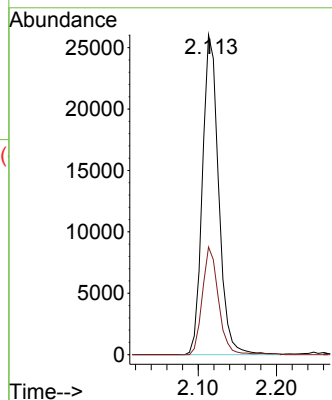
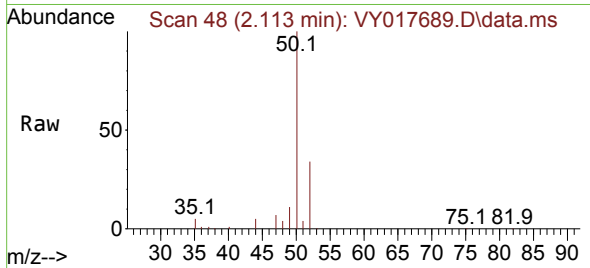




#3
Chloromethane
Concen: 19.105 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

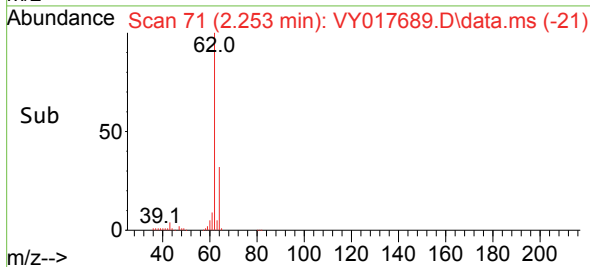
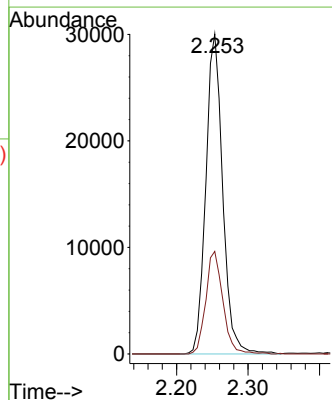
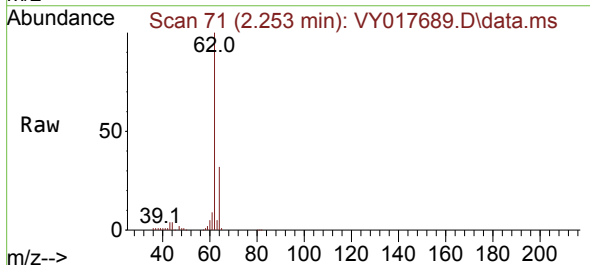
Instrument :
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ClientSampleId :
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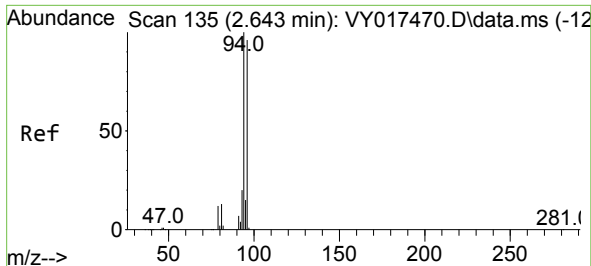
Tgt Ion: 50 Resp: 37485
Ion Ratio Lower Upper
50 100
52 33.7 25.6 38.4



#4
Vinyl Chloride
Concen: 19.533 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 62 Resp: 49167
Ion Ratio Lower Upper
62 100
64 32.0 26.1 39.1

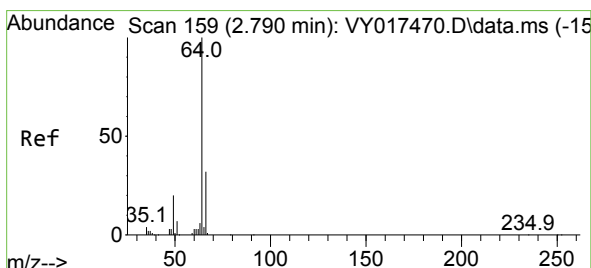
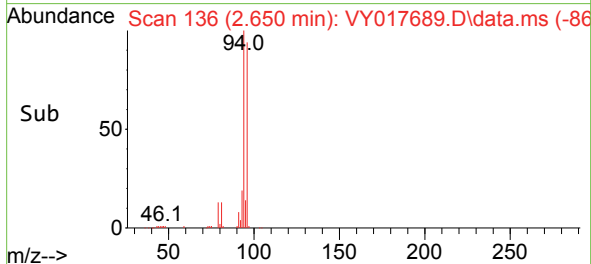
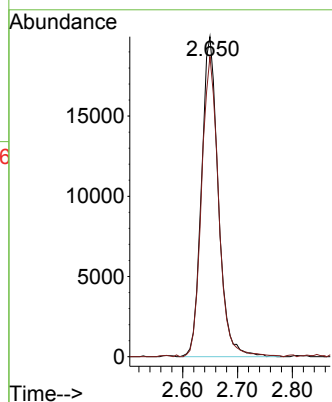
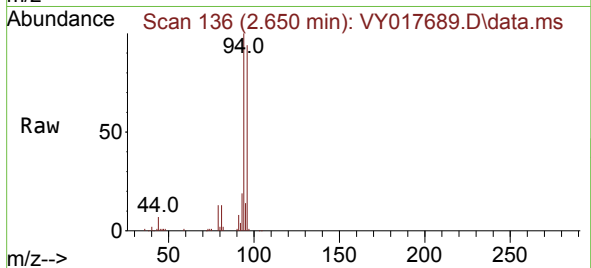




#5
Bromomethane
Concen: 20.702 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

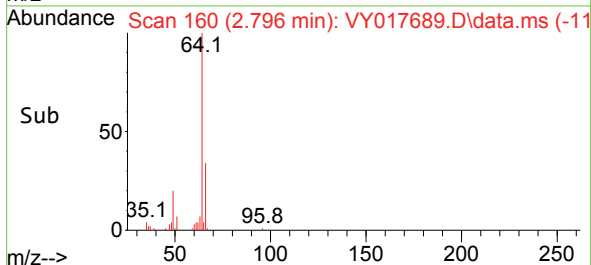
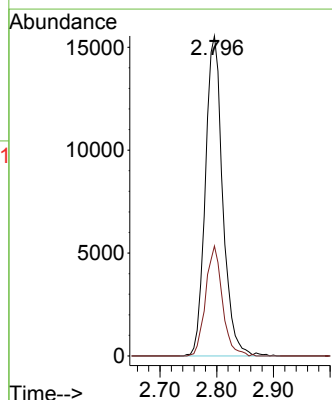
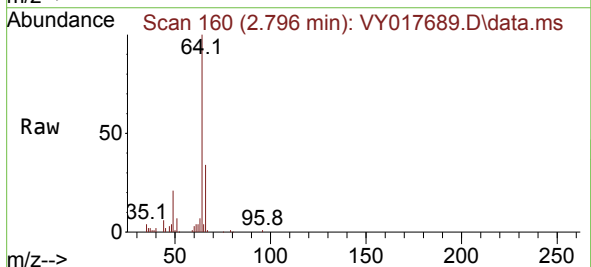
Instrument :
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Tgt Ion: 94 Resp: 42465
Ion Ratio Lower Upper
94 100
96 93.9 74.1 111.1



#6
Chloroethane
Concen: 20.819 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 64 Resp: 33059
Ion Ratio Lower Upper
64 100
66 34.4 26.1 39.1

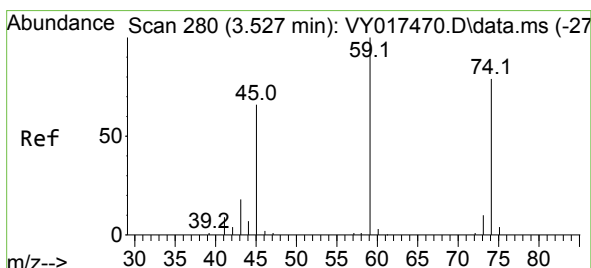
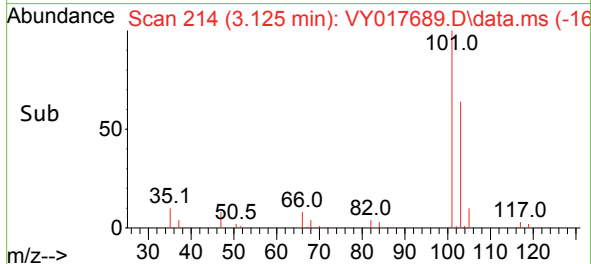
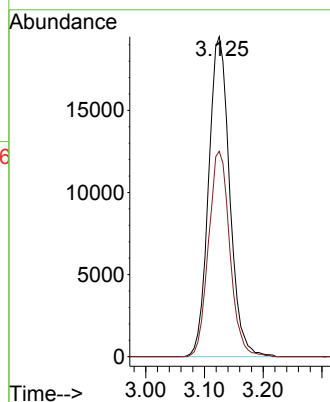
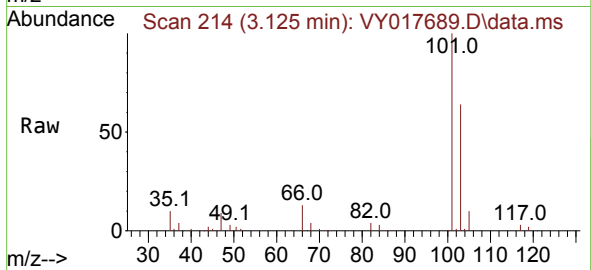




#7
 Trichlorofluoromethane
 Concen: 18.905 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY017689.D
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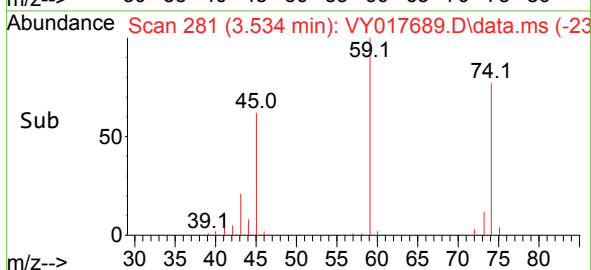
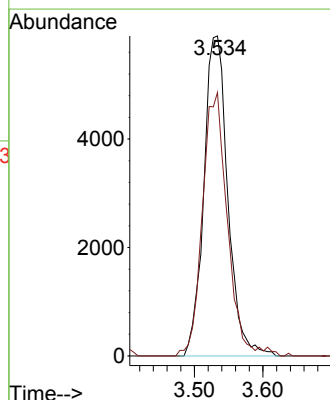
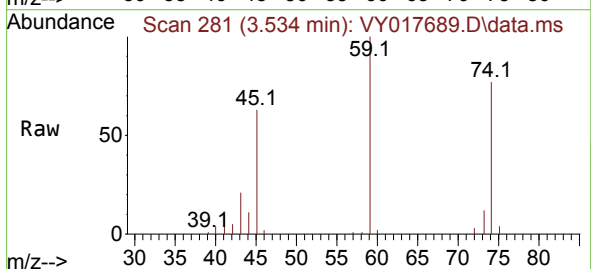
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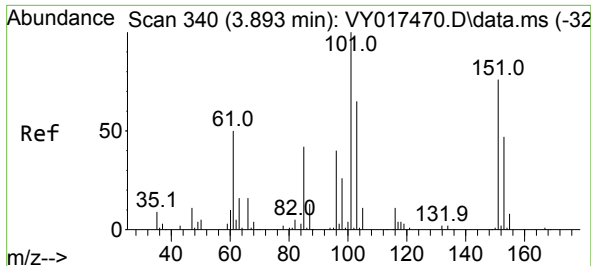
Tgt Ion:101 Resp: 48500
 Ion Ratio Lower Upper
 101 100
 103 64.2 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.106 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY017689.D
 Acq: 18 Mar 2024 15:24

Tgt Ion: 74 Resp: 14376
 Ion Ratio Lower Upper
 74 100
 45 84.1 41.3 124.1

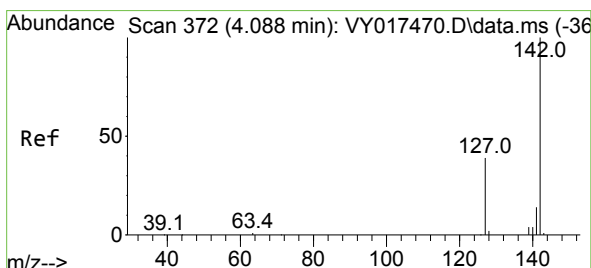
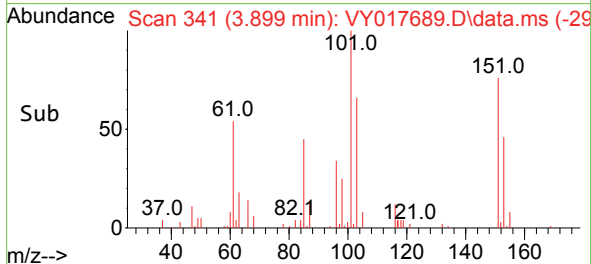
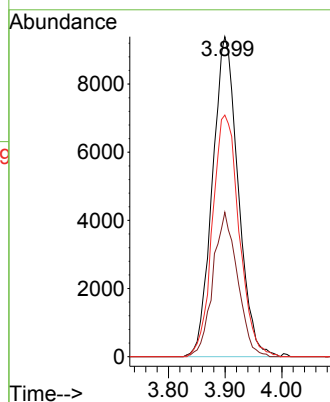
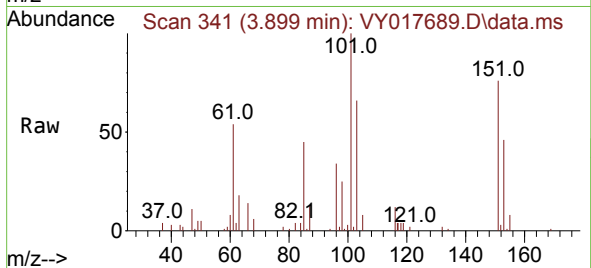




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.044 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017689.D
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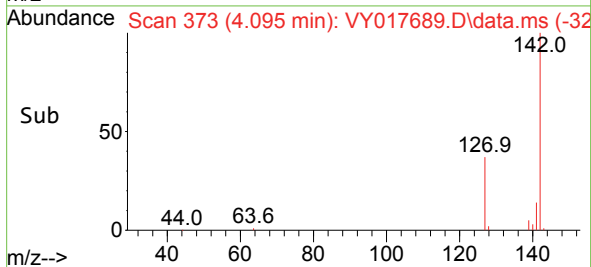
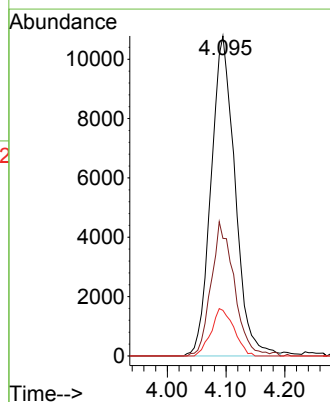
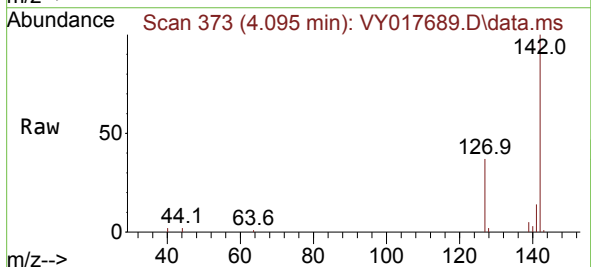
Instrument :
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ClientSampleId :
VY0318SBS01

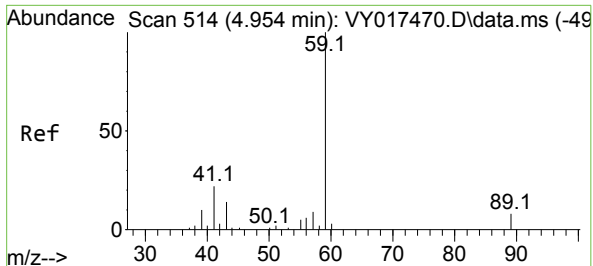
Tgt Ion:101 Resp: 29578
Ion Ratio Lower Upper
101 100
85 43.1 34.5 51.7
151 78.3 61.7 92.5



#10
Methyl Iodide
Concen: 18.461 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion:142 Resp: 30573
Ion Ratio Lower Upper
142 100
127 40.5 32.8 49.2
141 14.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 77.946 ug/l

RT: 4.948 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

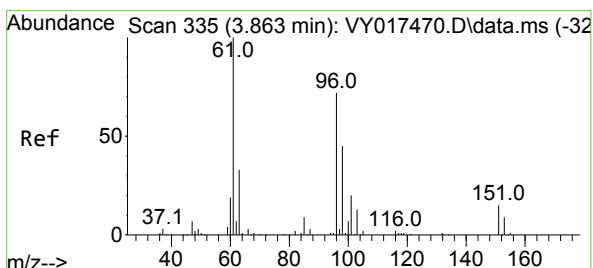
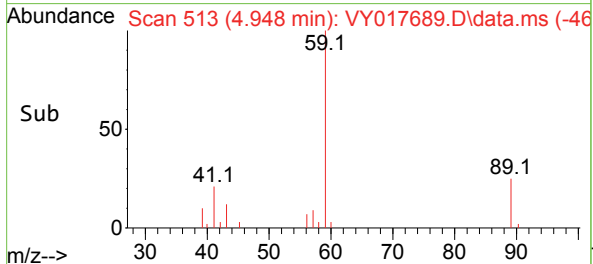
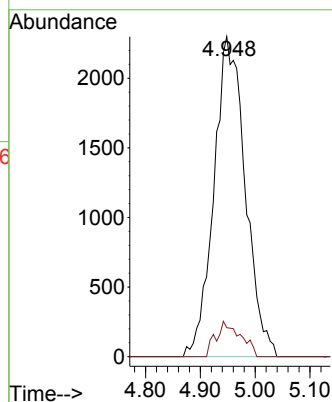
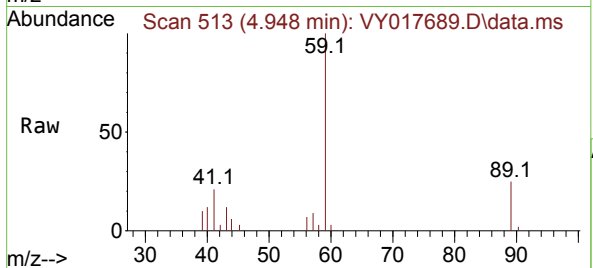
VY0318SBS01

Tgt Ion: 59 Resp: 9135

Ion Ratio Lower Upper

59 100

57 8.6 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 19.427 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.012 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

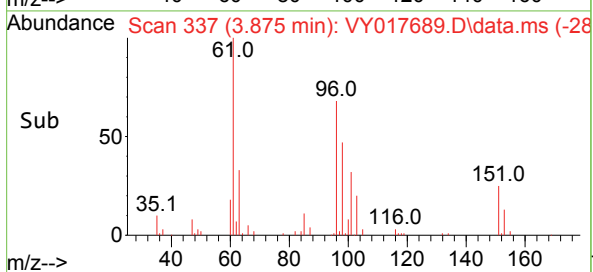
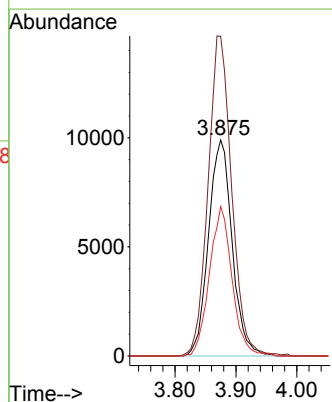
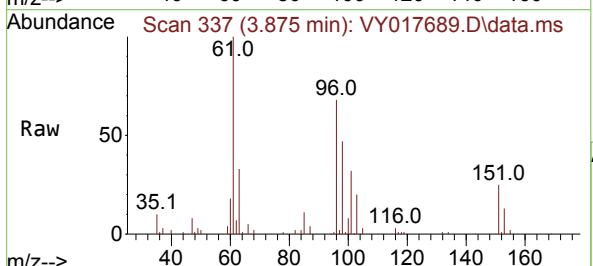
Tgt Ion: 96 Resp: 26716

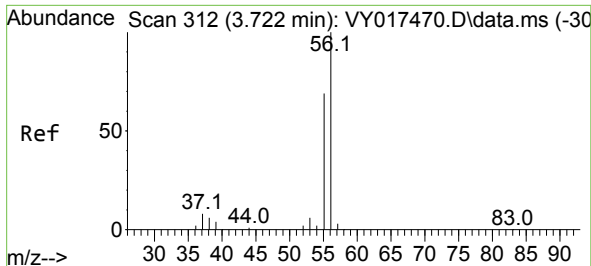
Ion Ratio Lower Upper

96 100

61 148.0 114.6 171.8

98 69.2 50.8 76.2





#13

Acrolein

Concen: 71.607 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

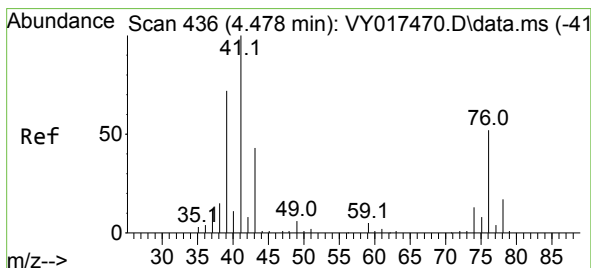
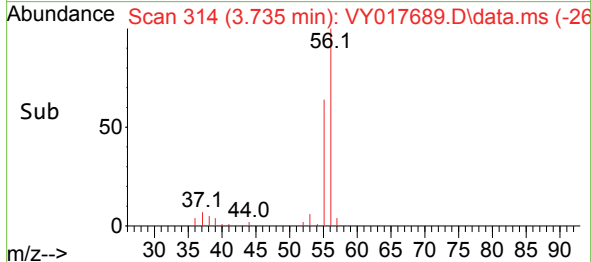
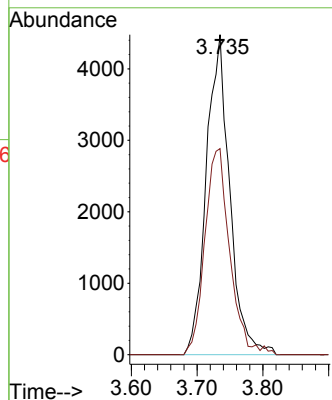
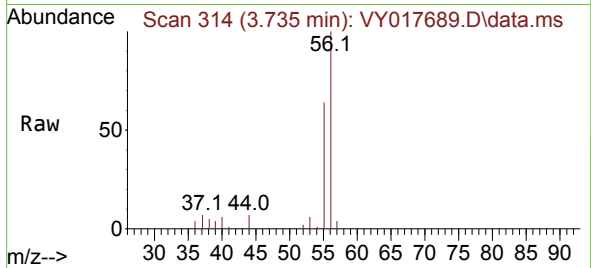
VY0318SBS01

Tgt Ion: 56 Resp: 11073

Ion Ratio Lower Upper

56 100

55 68.7 55.7 83.5



#14

Allyl chloride

Concen: 19.233 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

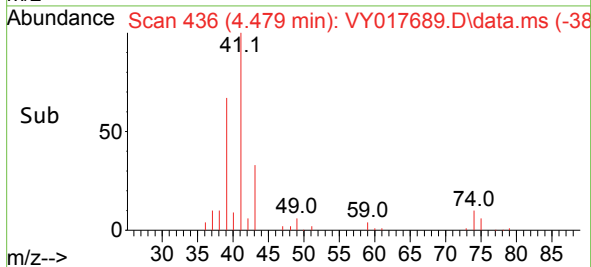
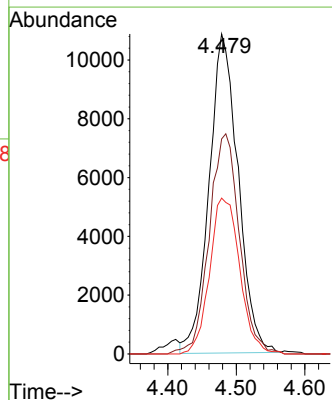
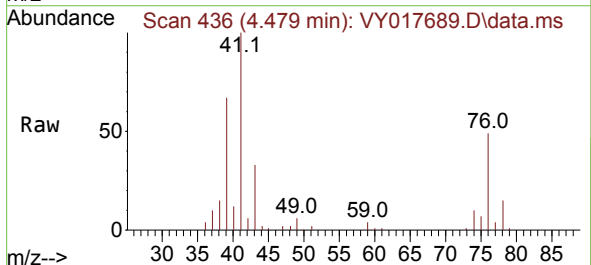
Tgt Ion: 41 Resp: 31959

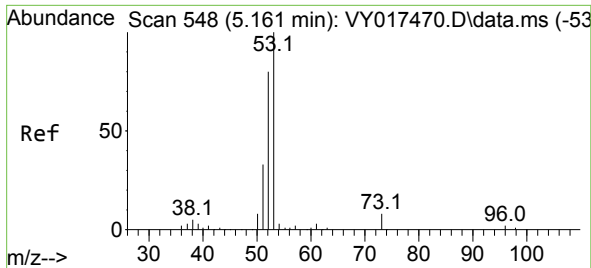
Ion Ratio Lower Upper

41 100

39 71.8 58.3 87.5

76 50.7 39.0 58.6

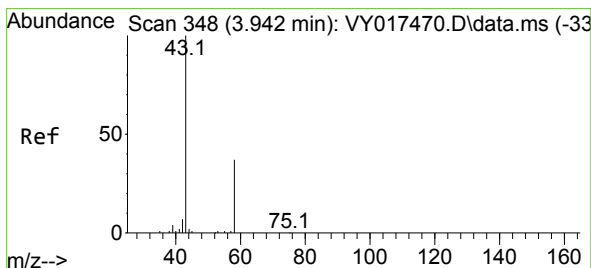
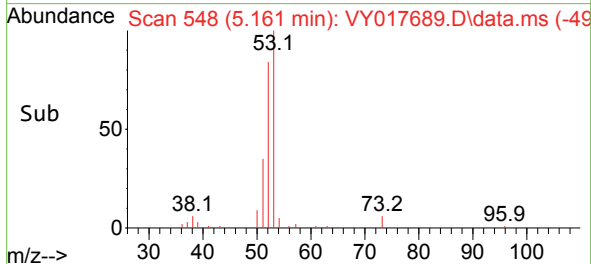
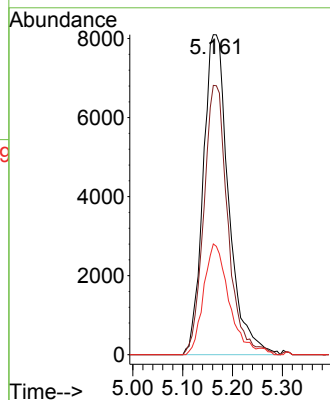
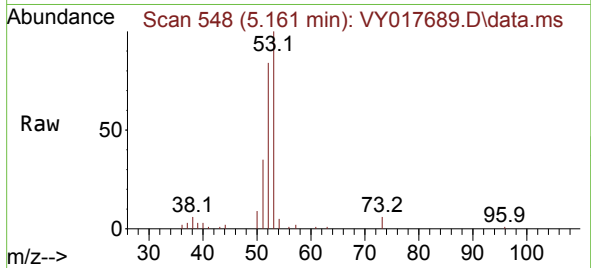




#15
Acrylonitrile
Concen: 92.759 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

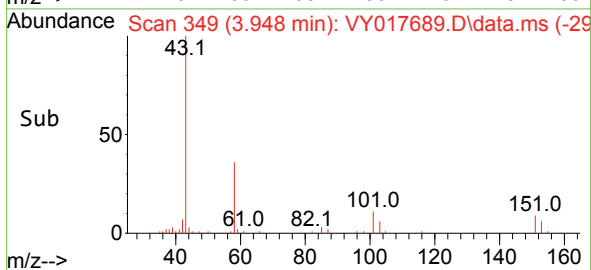
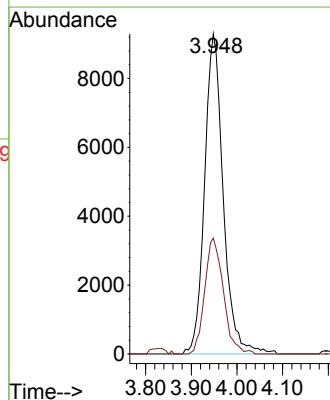
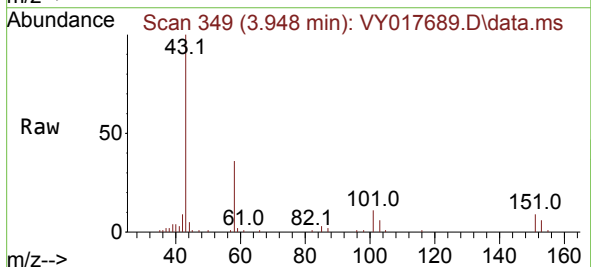
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

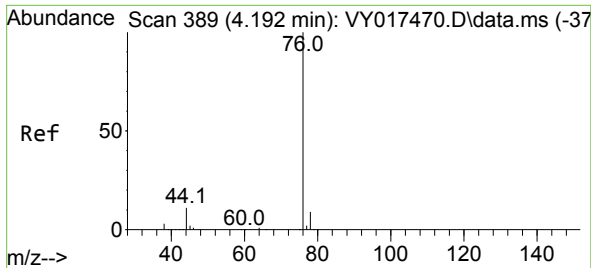
Tgt Ion:	53	Resp:	28692
Ion	Ratio	Lower	Upper
53	100		
52	79.6	64.7	97.1
51	35.1	28.4	42.6



#16
Acetone
Concen: 98.534 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion:	43	Resp:	26368
Ion	Ratio	Lower	Upper
43	100		
58	36.2	31.7	47.5

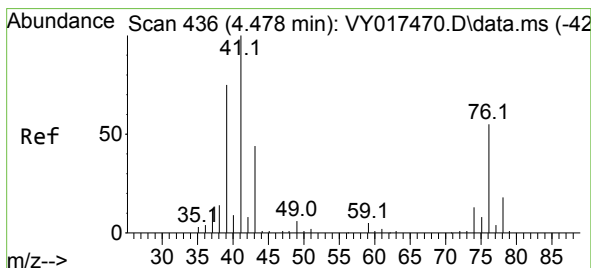
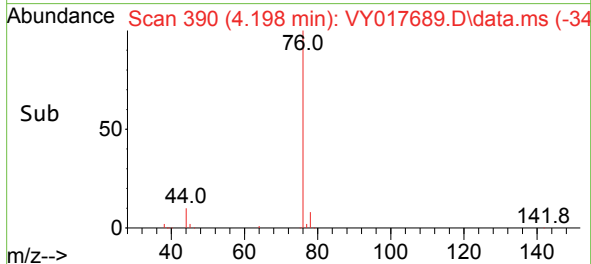
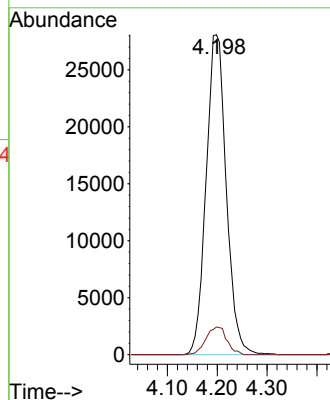
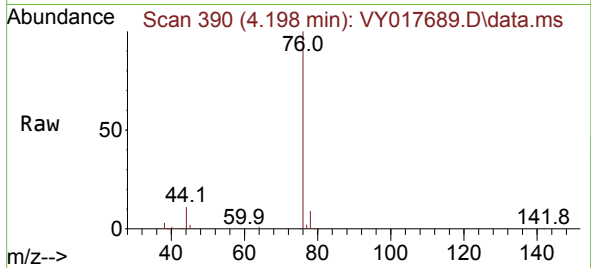




#17
Carbon Disulfide
Concen: 19.114 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

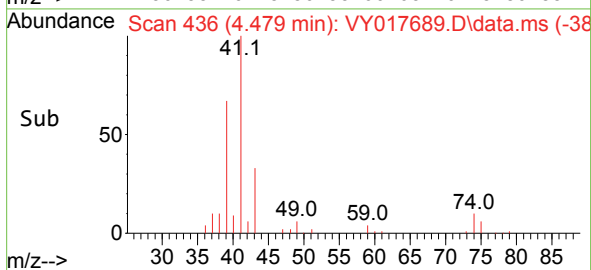
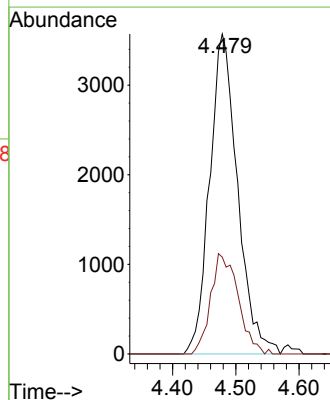
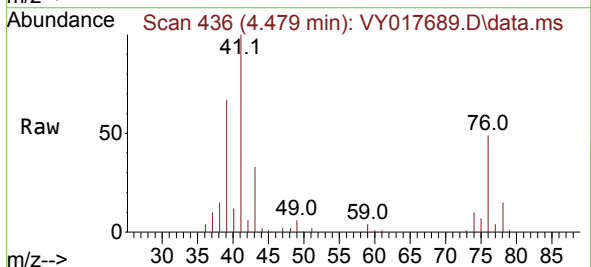
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tgt Ion: 76 Resp: 78897
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 16.834 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 43 Resp: 10929
Ion Ratio Lower Upper
43 100
74 30.9 23.3 34.9

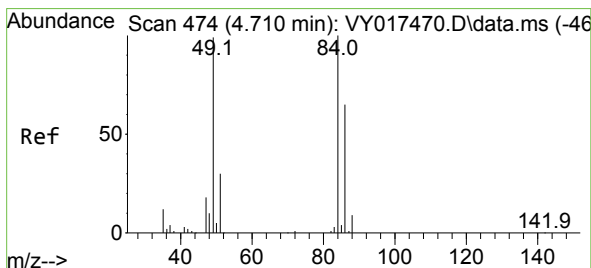
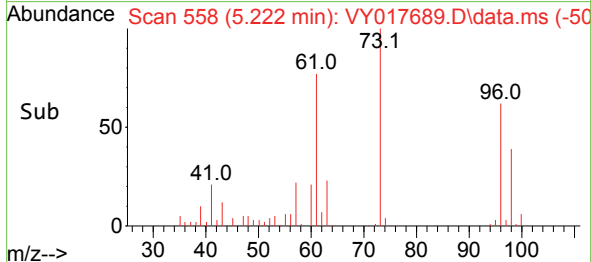
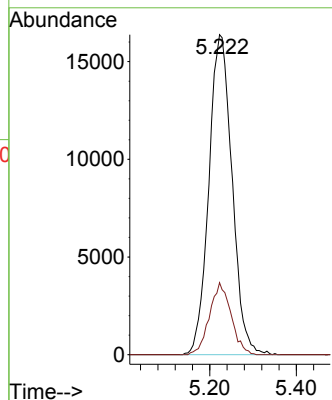
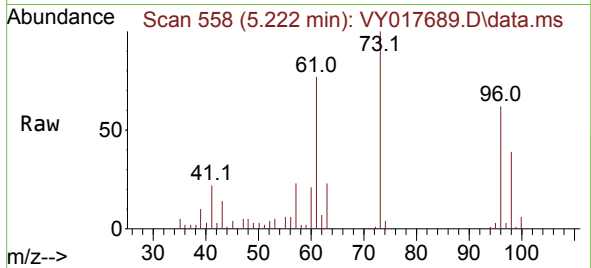




#19
Methyl tert-butyl Ether
Concen: 19.043 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

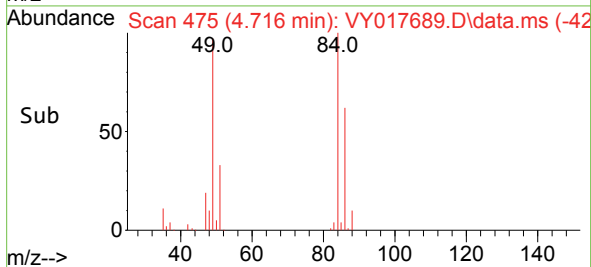
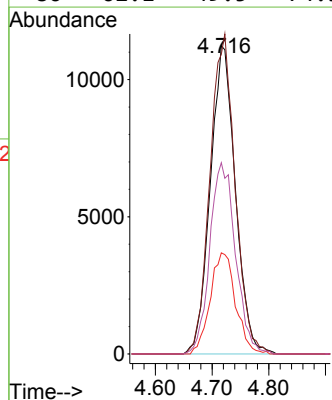
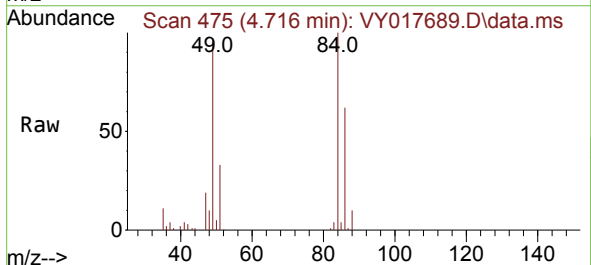
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tgt Ion: 73 Resp: 61041
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9



#20
Methylene Chloride
Concen: 18.486 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 84 Resp: 34492
Ion Ratio Lower Upper
84 100
49 97.3 84.4 126.6
51 32.8 26.0 39.0
86 62.1 49.5 74.3

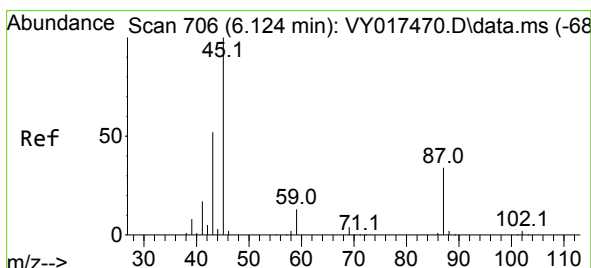
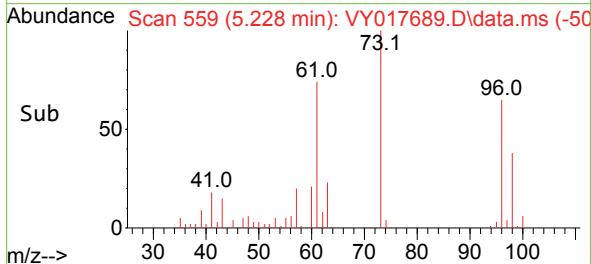
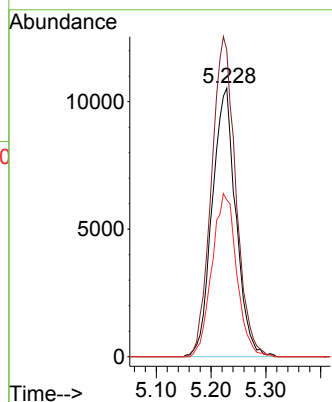
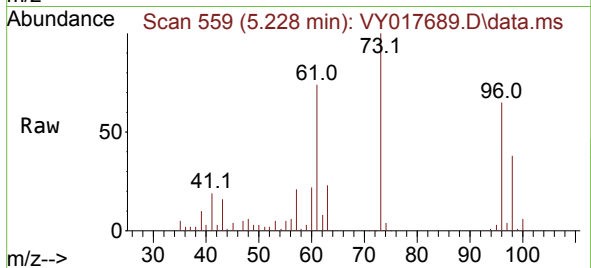




#21
trans-1,2-Dichloroethene
Concen: 19.635 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

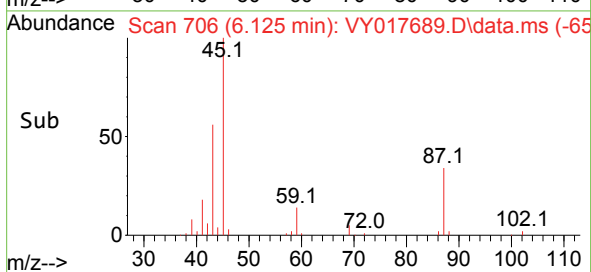
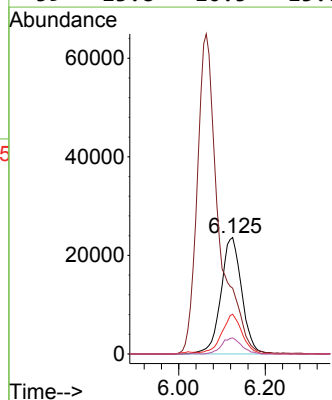
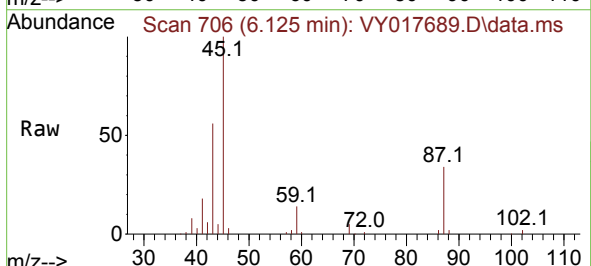
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

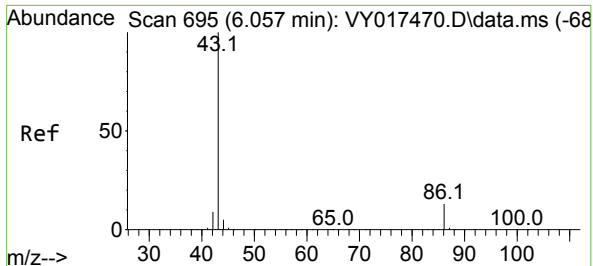
Tgt Ion: 96 Resp: 31616
Ion Ratio Lower Upper
96 100
61 114.2 97.5 146.3
98 58.4 50.5 75.7



#22
Diisopropyl ether
Concen: 20.624 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 45 Resp: 79080
Ion Ratio Lower Upper
45 100
43 55.9 42.2 63.2
87 34.1 25.0 37.6
59 13.8 10.5 15.7

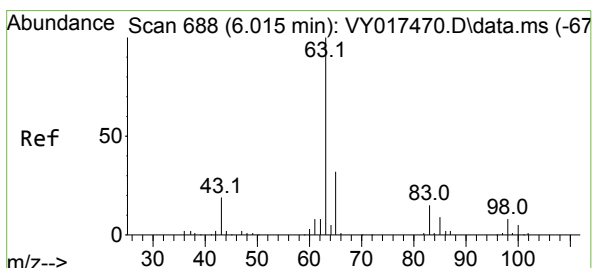
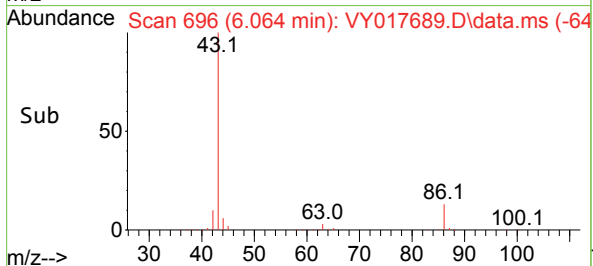
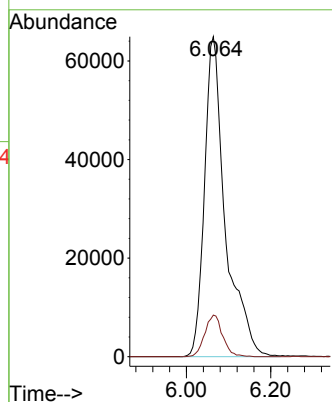
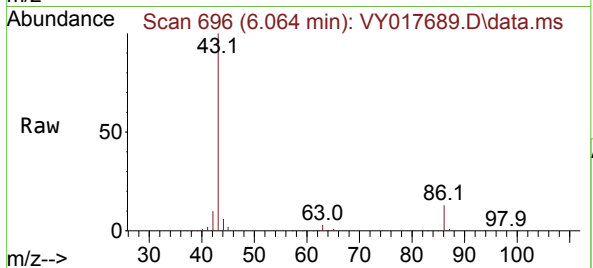




#23
 Vinyl Acetate
 Concen: 97.856 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY017689.D
 Acq: 18 Mar 2024 15:24

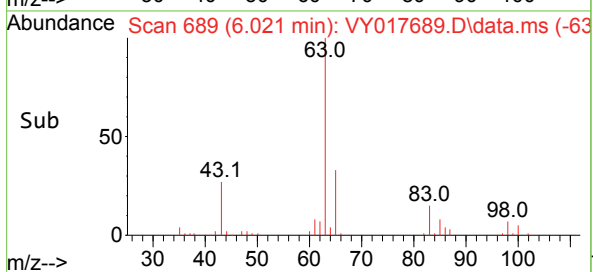
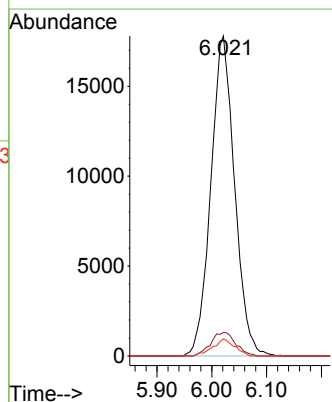
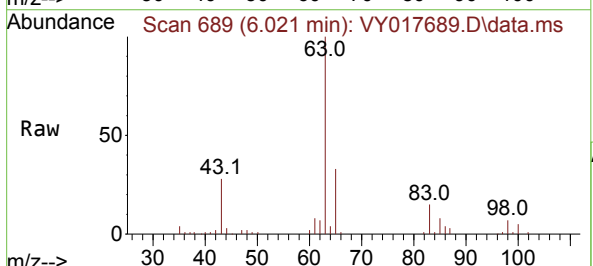
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Tgt Ion: 43 Resp: 223593
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.461 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY017689.D
 Acq: 18 Mar 2024 15:24

Tgt Ion: 63 Resp: 53601
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 12.2
 100 5.3 2.6 8.0





#25

2-Butanone

Concen: 97.284 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

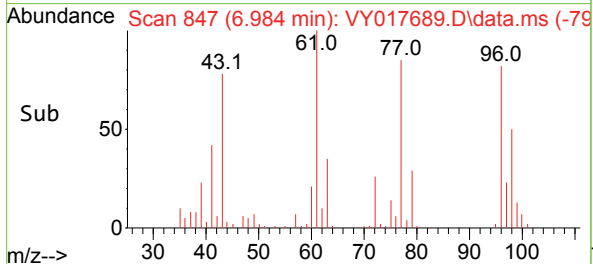
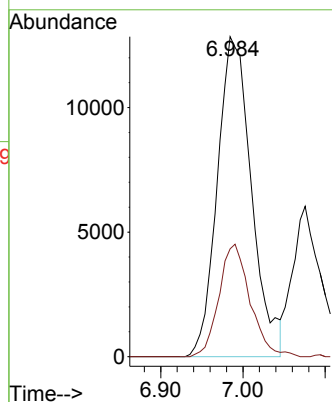
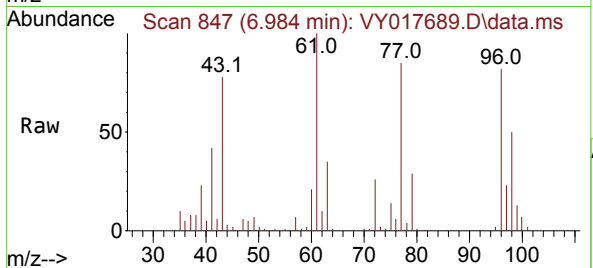
VY0318SBS01

Tgt Ion: 43 Resp: 37101

Ion Ratio Lower Upper

43 100

72 33.7 27.3 40.9



#26

2,2-Dichloropropane

Concen: 20.345 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY017689.D

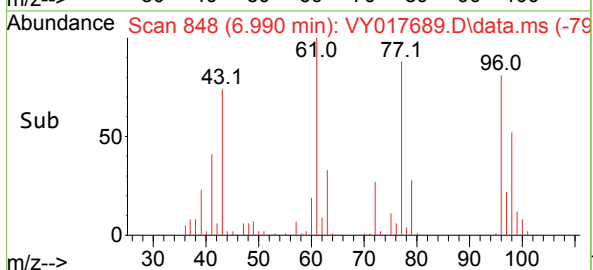
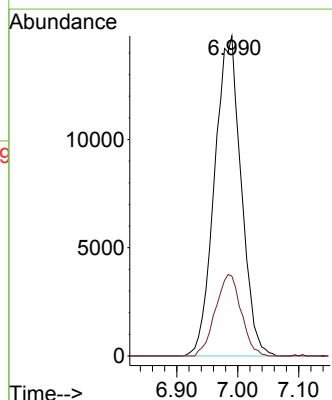
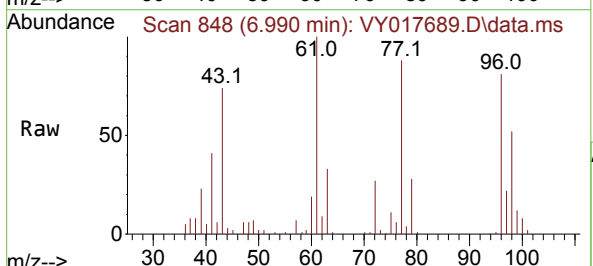
Acq: 18 Mar 2024 15:24

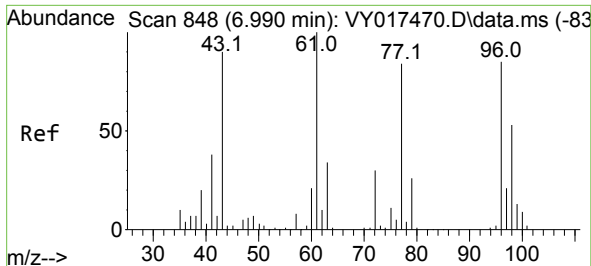
Tgt Ion: 77 Resp: 44809

Ion Ratio Lower Upper

77 100

97 24.7 12.0 36.1



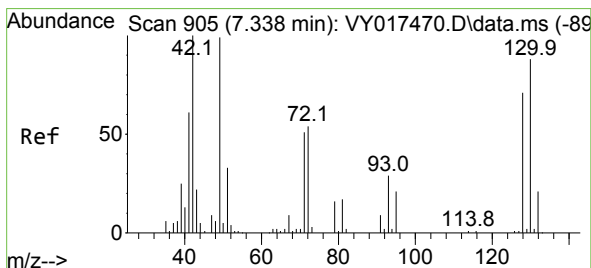
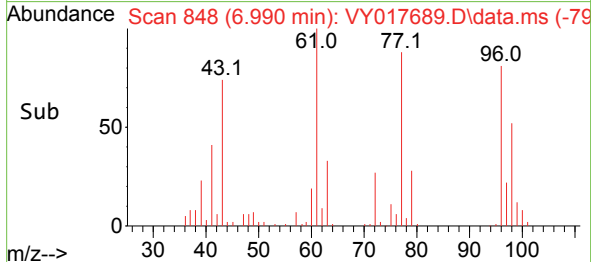
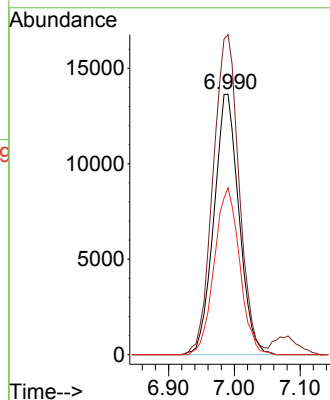
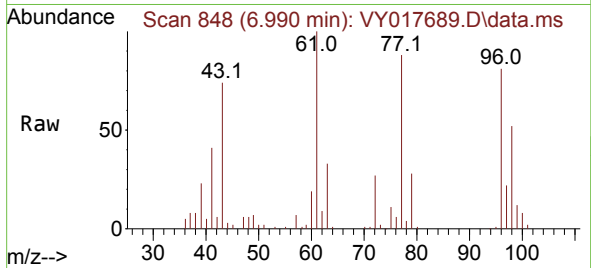


#27
 cis-1,2-Dichloroethene
 Concen: 20.017 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY017689.D
 Acq: 18 Mar 2024 15:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Tgt Ion: 96 Resp: 36189

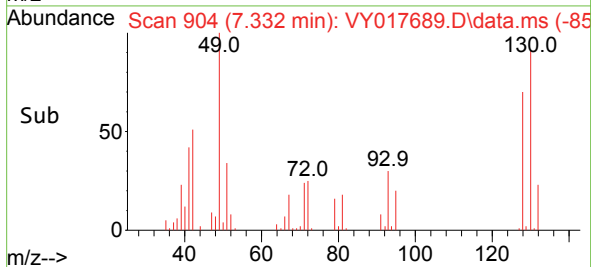
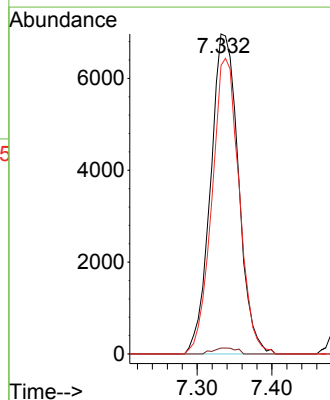
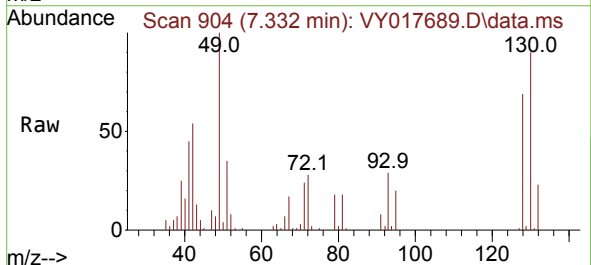
Ion	Ratio	Lower	Upper
96	100		
61	127.8	0.0	256.2
98	64.9	0.0	130.0



#28
 Bromochloromethane
 Concen: 17.501 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY017689.D
 Acq: 18 Mar 2024 15:24

Tgt Ion: 49 Resp: 18056

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.6
130	90.1	72.7	109.1





#29

Tetrahydrofuran

Concen: 88.494 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

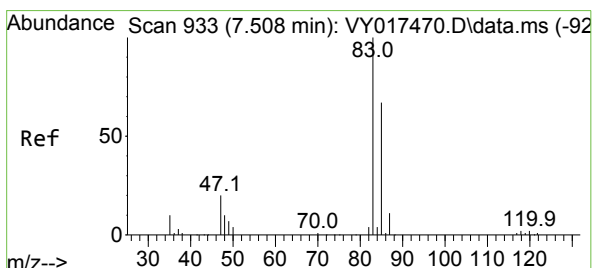
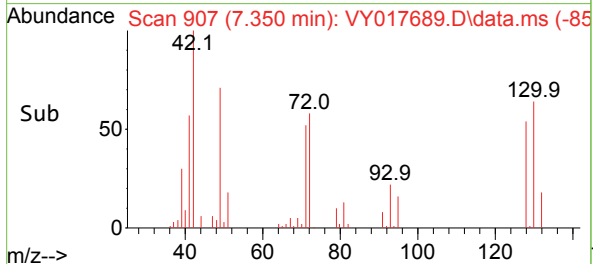
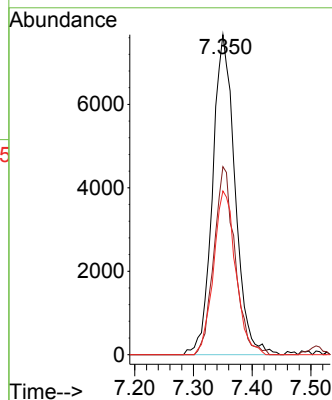
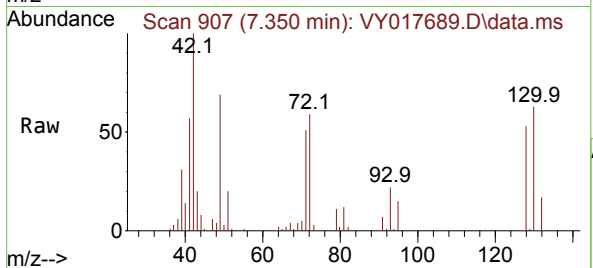
Tgt Ion: 42 Resp: 20344

Ion Ratio Lower Upper

42 100

72 55.4 43.0 64.4

71 50.6 40.8 61.2



#30

Chloroform

Concen: 20.734 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017689.D

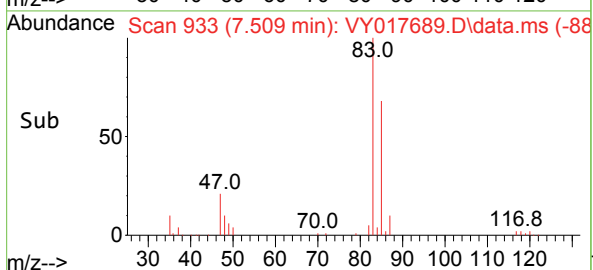
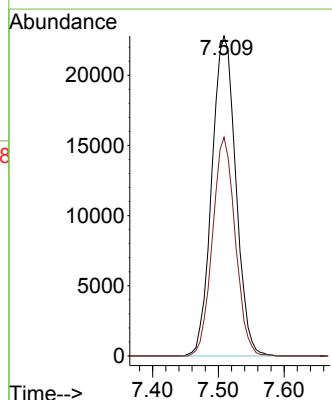
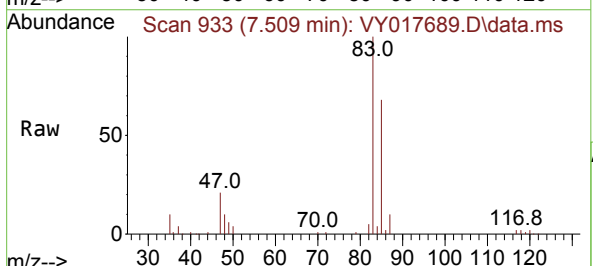
Acq: 18 Mar 2024 15:24

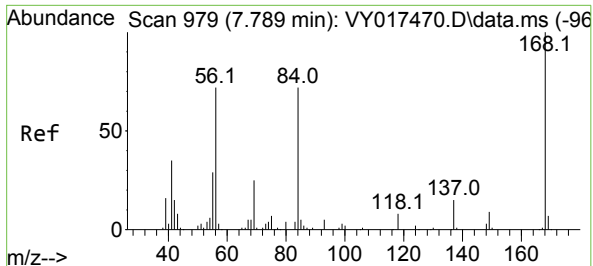
Tgt Ion: 83 Resp: 57829

Ion Ratio Lower Upper

83 100

85 68.4 52.2 78.4

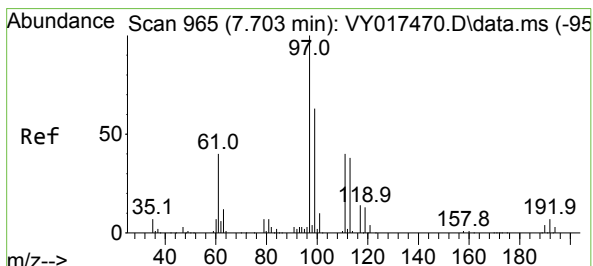
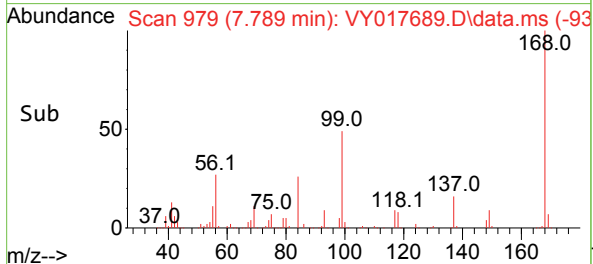
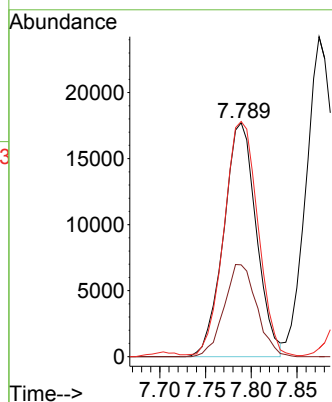
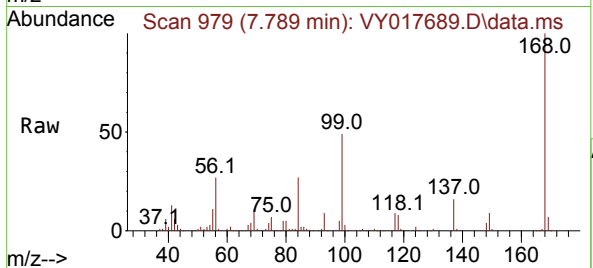




#31
Cyclohexane
Concen: 19.599 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

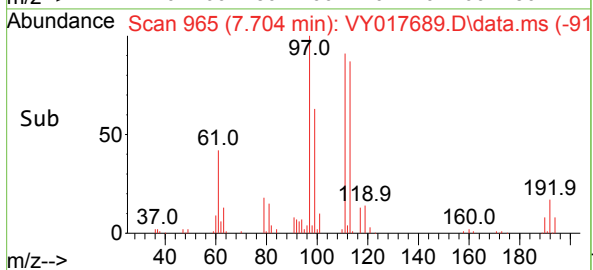
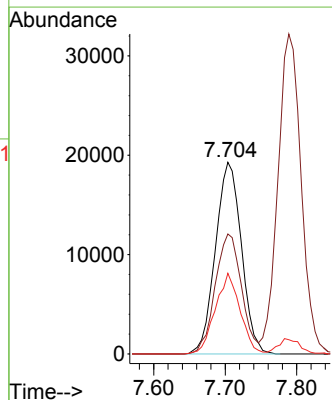
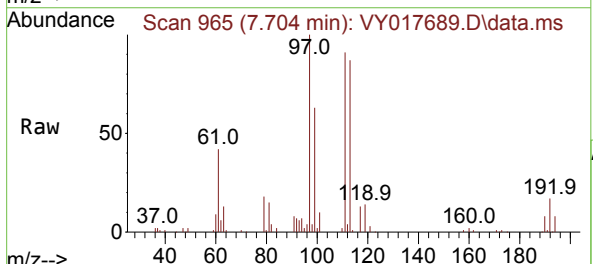
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

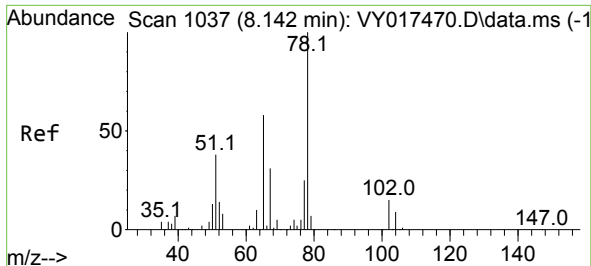
Tgt Ion: 56 Resp: 44005
Ion Ratio Lower Upper
56 100
69 39.3 28.7 43.1
84 99.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.108 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 97 Resp: 48690
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 40.3 32.6 48.8

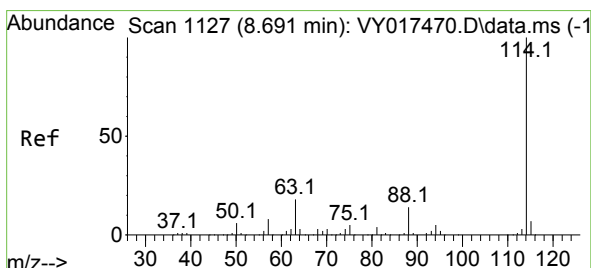
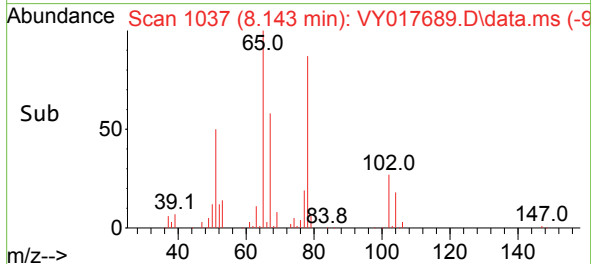
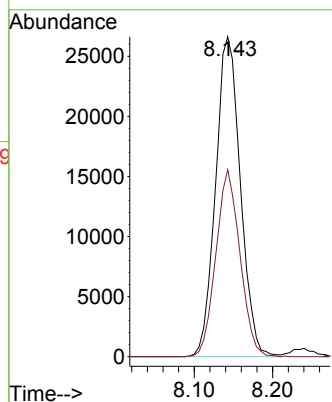
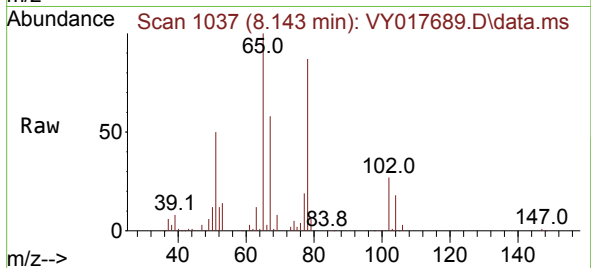




#33
 1,2-Dichloroethane-d4
 Concen: 42.522 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY017689.D
 Acq: 18 Mar 2024 15:24

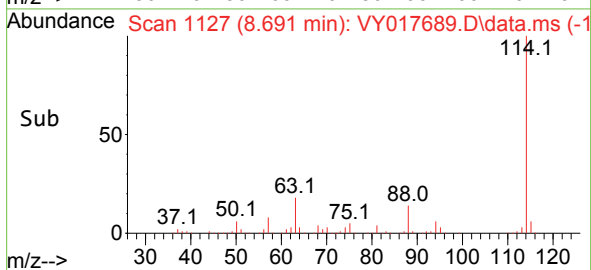
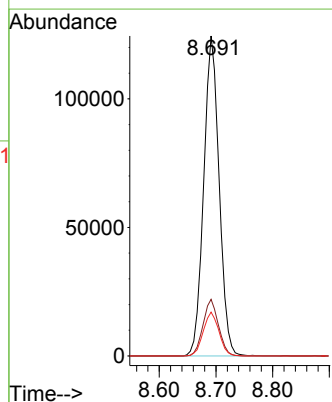
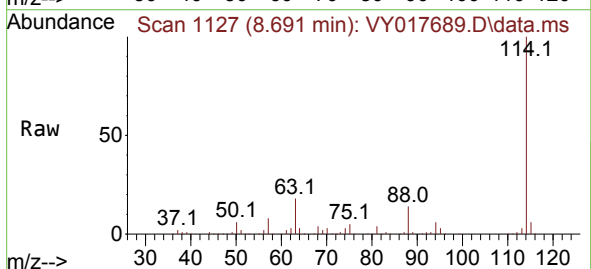
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Tgt Ion: 65 Resp: 58667
 Ion Ratio Lower Upper
 65 100
 67 56.7 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY017689.D
 Acq: 18 Mar 2024 15:24

Tgt Ion: 114 Resp: 235323
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.0
 88 13.7 0.0 27.2

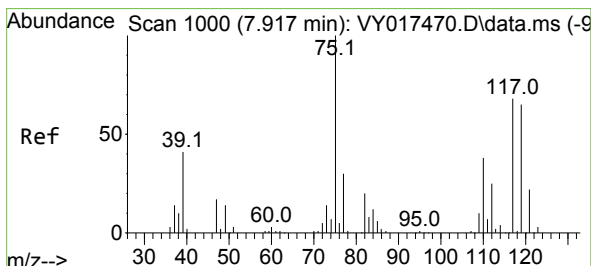
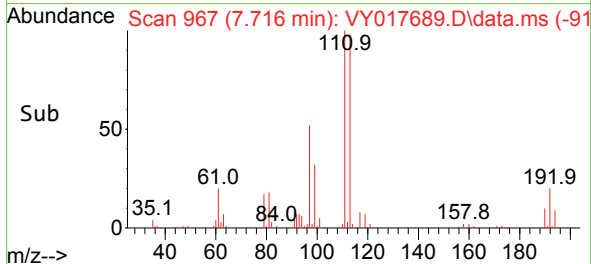
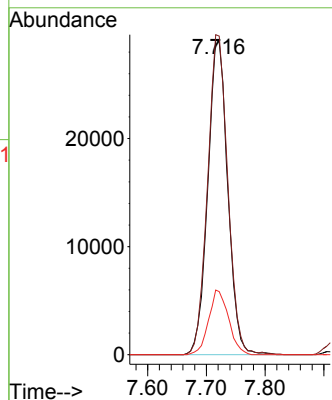
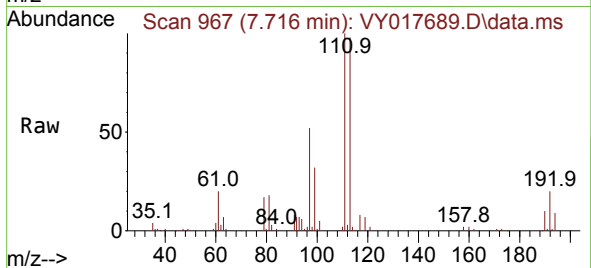




#35
Dibromofluoromethane
Concen: 41.813 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

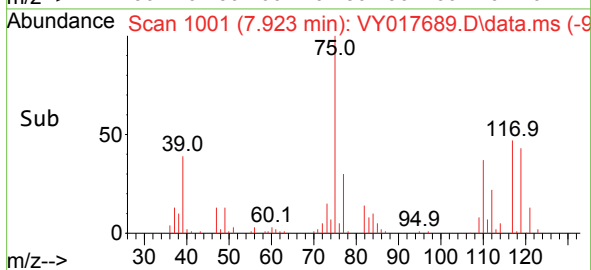
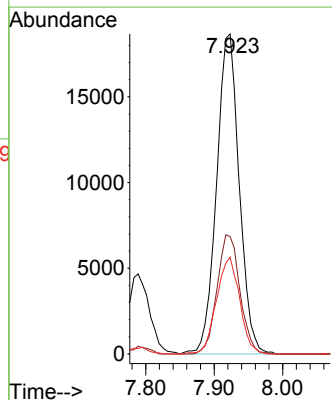
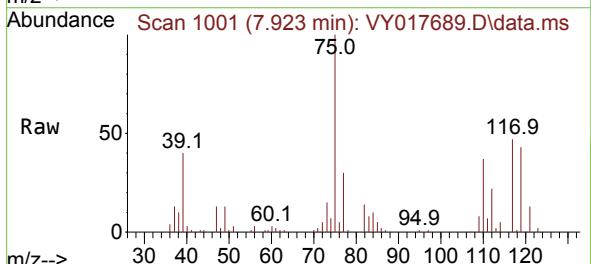
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

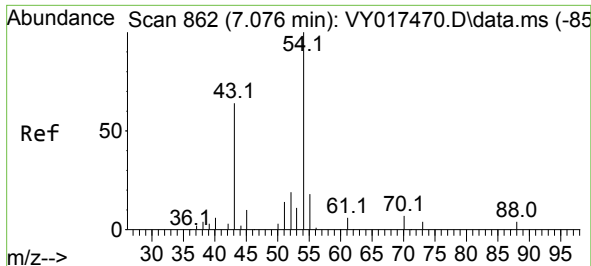
Tgt Ion:113 Resp: 68565
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 20.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.352 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 75 Resp: 42816
Ion Ratio Lower Upper
75 100
110 37.5 19.0 57.0
77 30.9 25.3 37.9

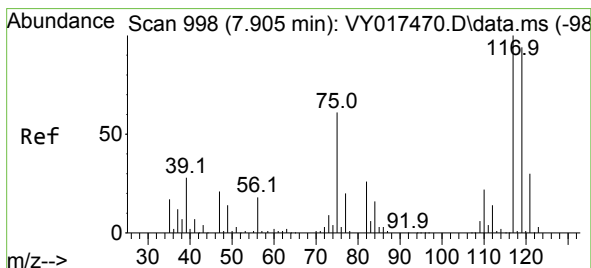
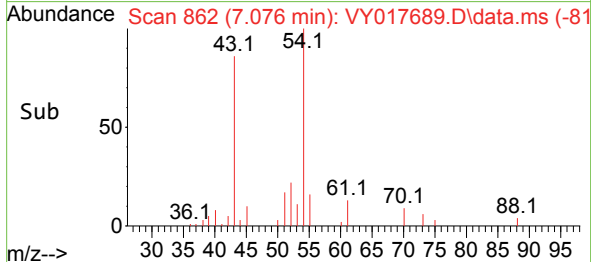
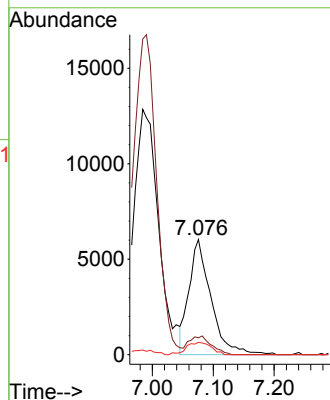
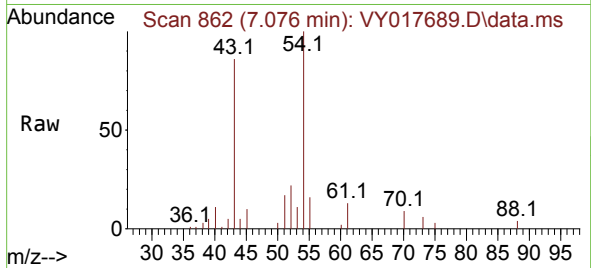




#37
Ethyl Acetate
Concen: 17.335 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

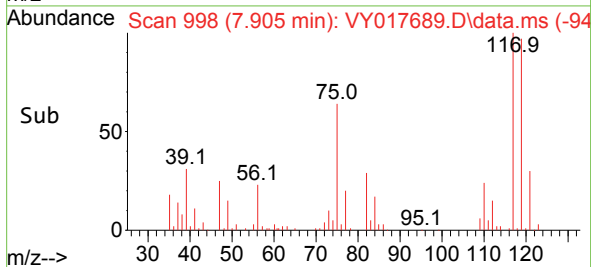
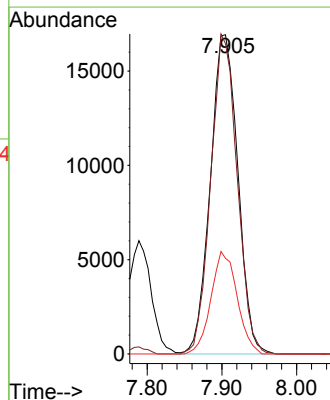
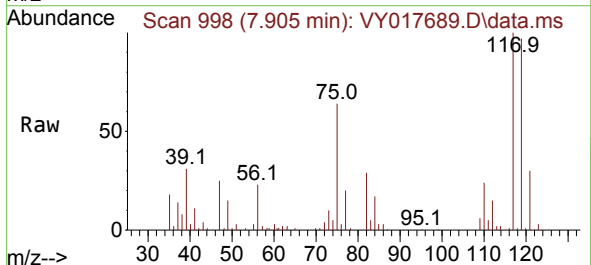
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

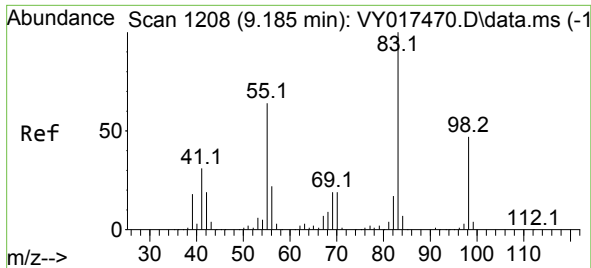
Tgt Ion: 43 Resp: 15148
Ion Ratio Lower Upper
43 100
61 16.2 12.6 19.0
70 12.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 19.525 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 117 Resp: 43295
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.6
121 30.0 24.0 36.0





#39

Methylcyclohexane

Concen: 18.644 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

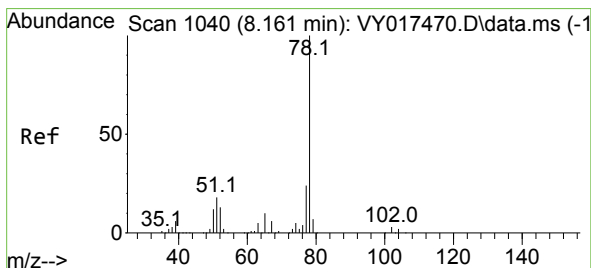
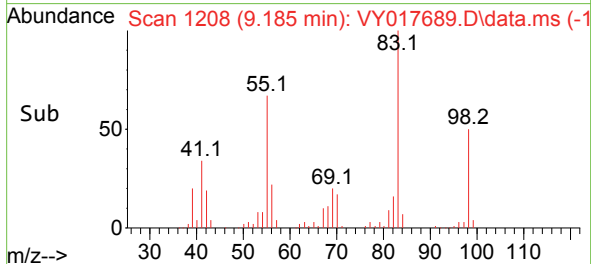
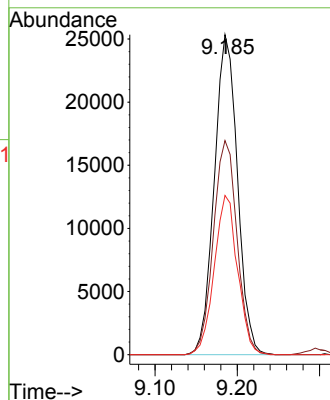
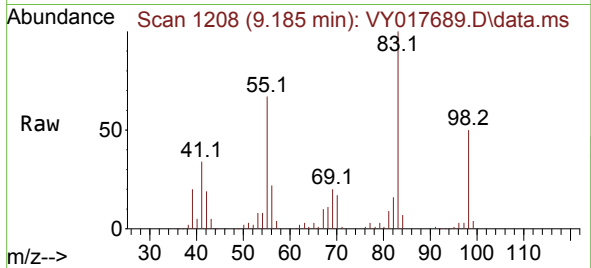
Tgt Ion: 83 Resp: 49572

Ion Ratio Lower Upper

83 100

55 66.9 51.5 77.3

98 49.8 40.5 60.7



#40

Benzene

Concen: 19.848 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017689.D

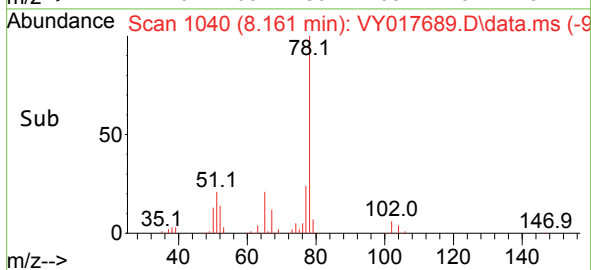
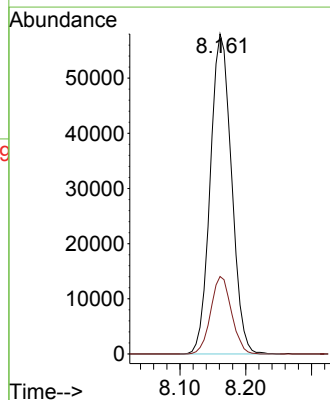
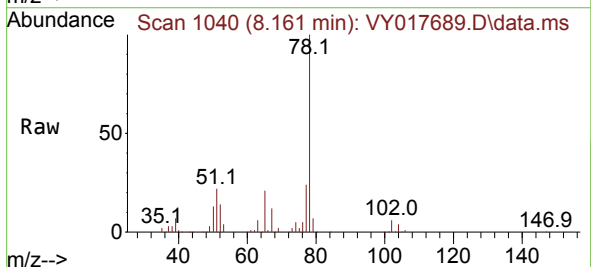
Acq: 18 Mar 2024 15:24

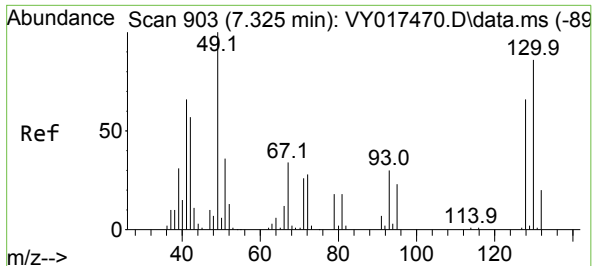
Tgt Ion: 78 Resp: 130407

Ion Ratio Lower Upper

78 100

77 24.2 19.5 29.3

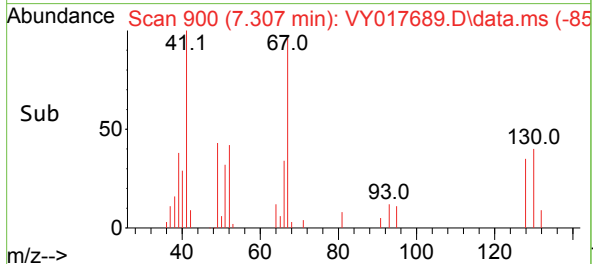
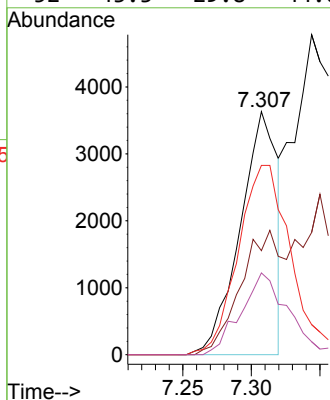
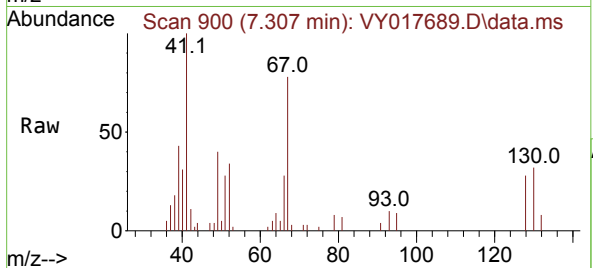




#41
Methacrylonitrile
Concen: 15.669 ug/l
RT: 7.307 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

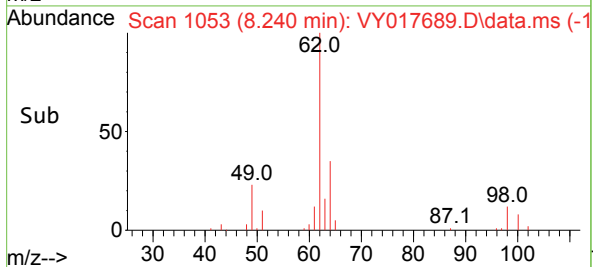
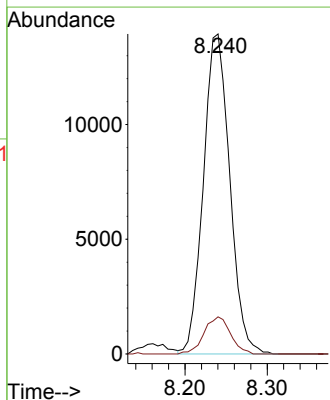
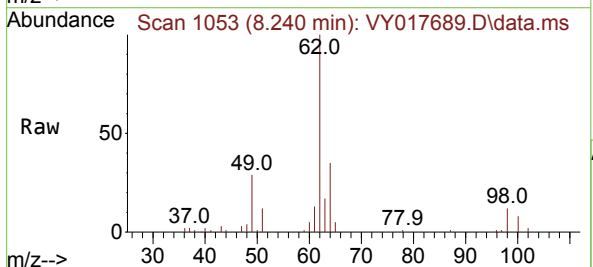
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

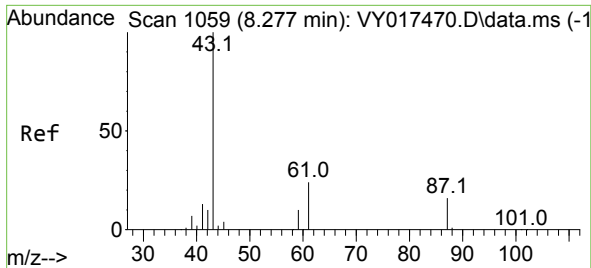
Tgt Ion:	41	Resp:	6871
Ion	Ratio	Lower	Upper
41	100		
39	59.4	48.0	72.0
67	110.8	75.1	112.7
52	43.3	29.8	44.6



#42
1,2-Dichloroethane
Concen: 19.401 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion:	62	Resp:	31101
Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	22.0

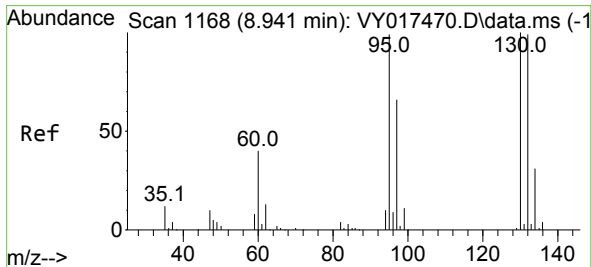
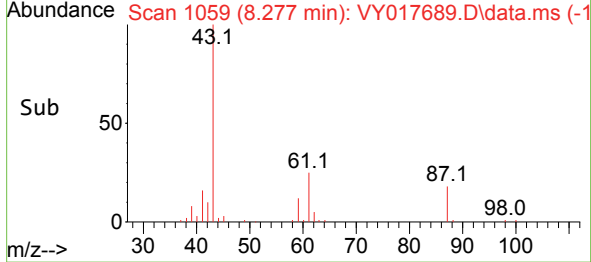
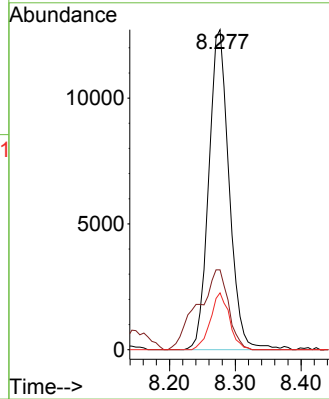
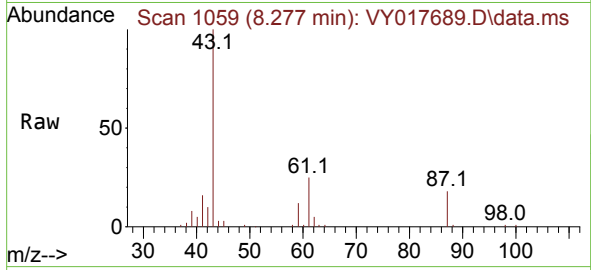




#43
Isopropyl Acetate
Concen: 17.814 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

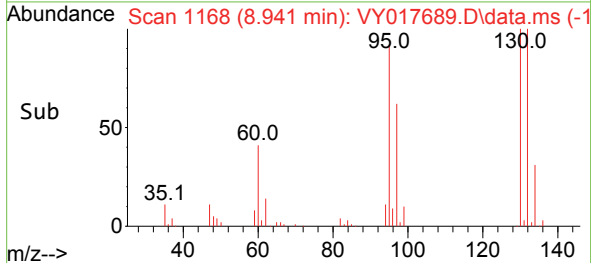
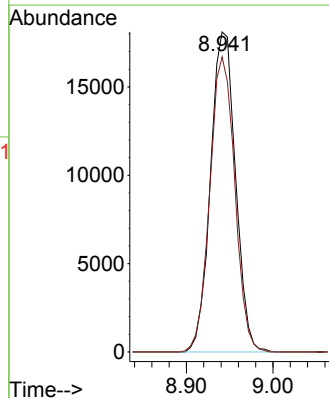
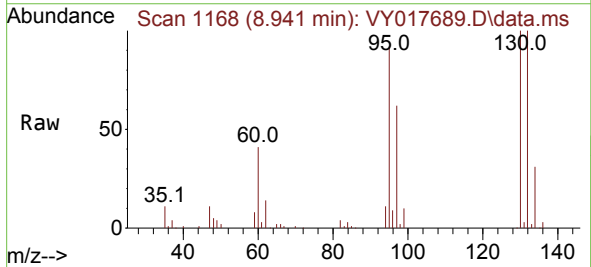
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

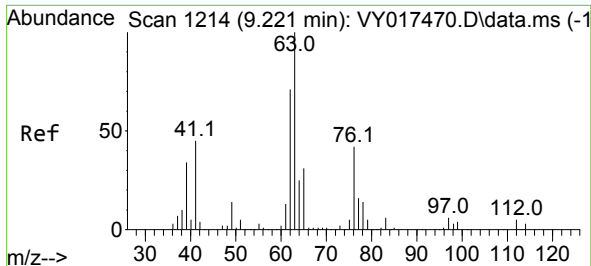
Tgt Ion:	43	Resp:	27355
Ion	Ratio	Lower	Upper
43	100		
61	37.5	27.9	41.9
87	16.6	13.1	19.7



#44
Trichloroethene
Concen: 19.161 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion:	130	Resp:	36287
Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	188.0





#45

1,2-Dichloropropane

Concen: 19.522 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

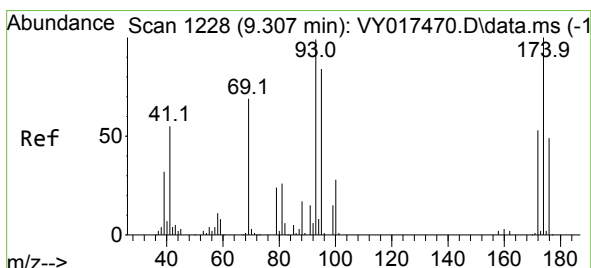
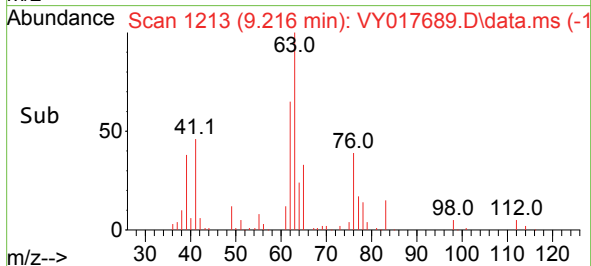
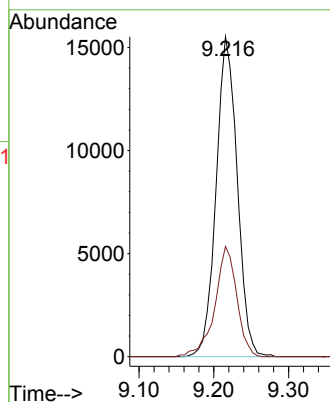
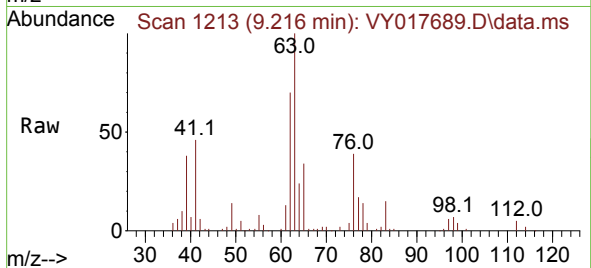
VY0318SBS01

Tgt Ion: 63 Resp: 30516

Ion Ratio Lower Upper

63 100

65 34.4 25.4 38.2



#46

Dibromomethane

Concen: 19.110 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

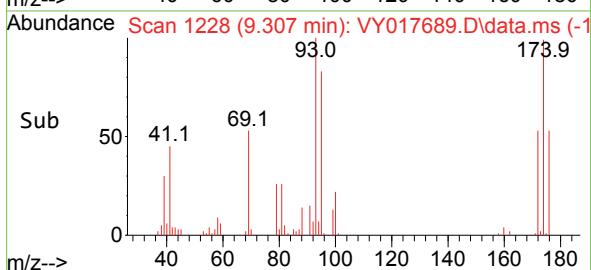
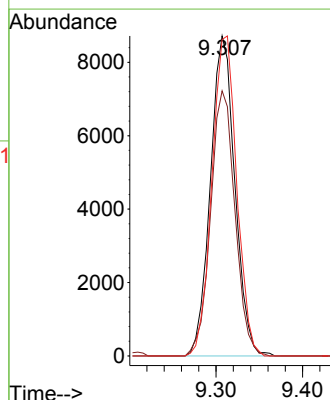
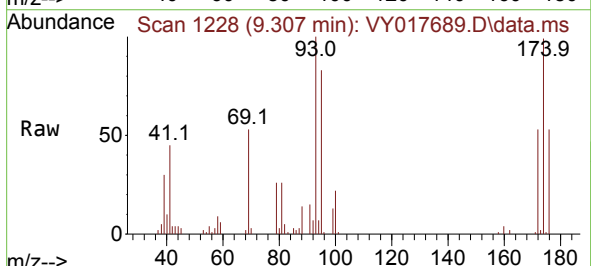
Tgt Ion: 93 Resp: 17096

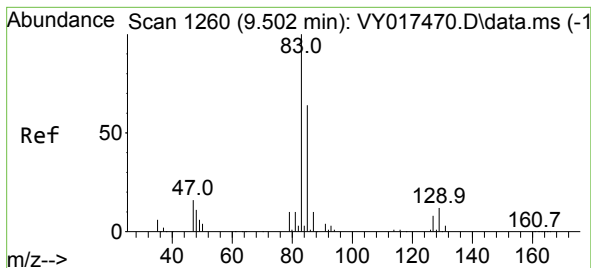
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

174 101.2 80.9 121.3





#47

Bromodichloromethane

Concen: 19.803 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

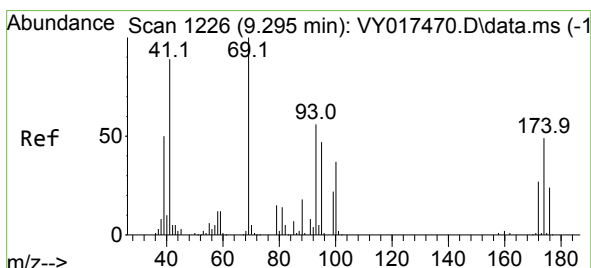
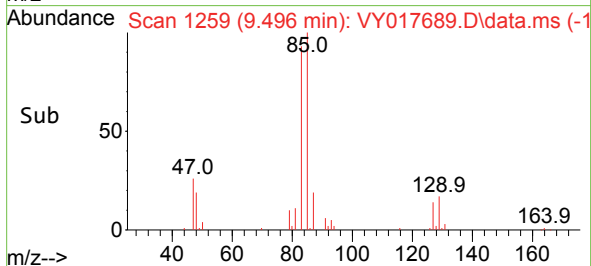
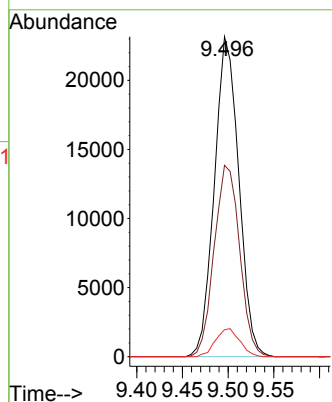
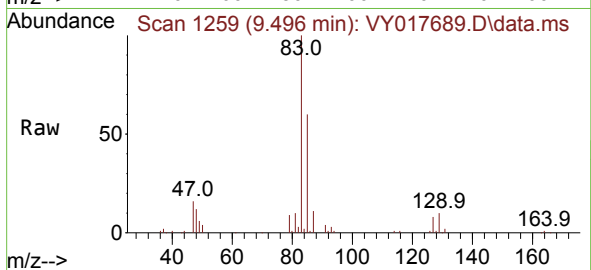
Tgt Ion: 83 Resp: 43017

Ion Ratio Lower Upper

83 100

85 59.8 50.1 75.1

127 8.4 7.4 11.0



#48

Methyl methacrylate

Concen: 18.006 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

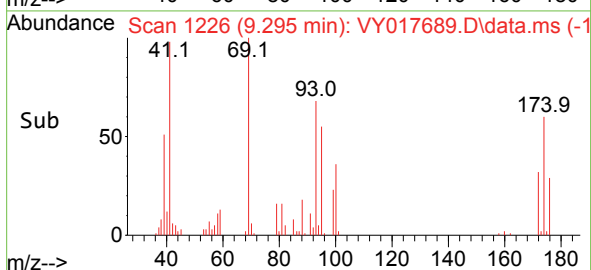
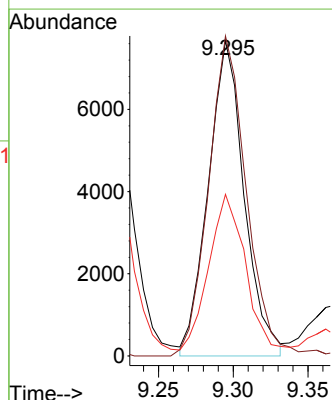
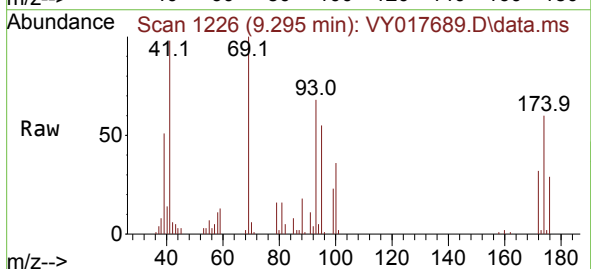
Tgt Ion: 41 Resp: 12798

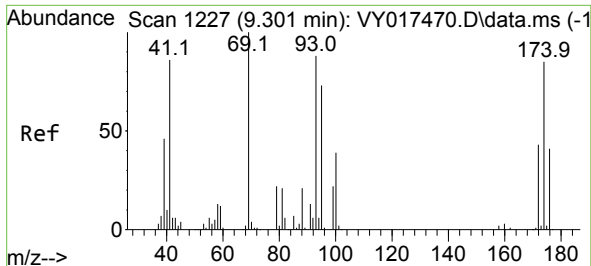
Ion Ratio Lower Upper

41 100

69 107.5 84.1 126.1

39 50.6 43.6 65.4





#49

1,4-Dioxane

Concen: 338.089 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

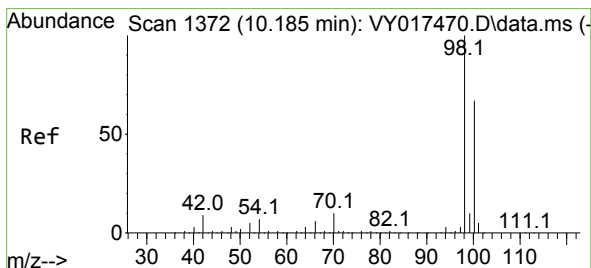
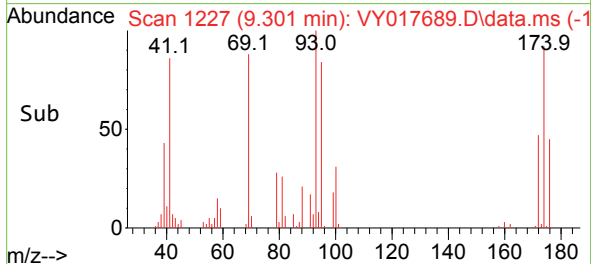
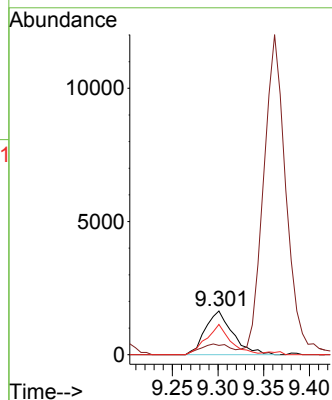
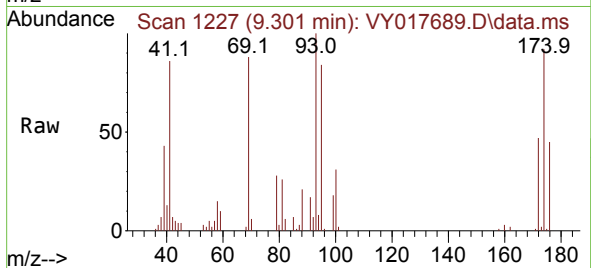
Tgt Ion: 88 Resp: 3423

Ion Ratio Lower Upper

88 100

43 26.5 0.0 0.0#

58 60.7 49.3 73.9



#50

Toluene-d8

Concen: 44.592 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017689.D

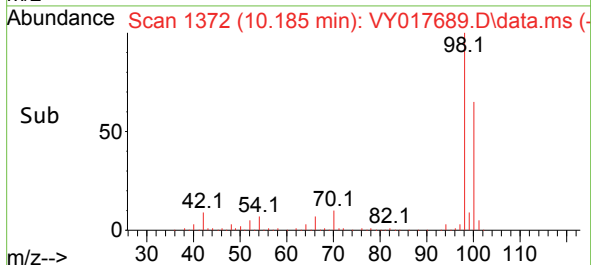
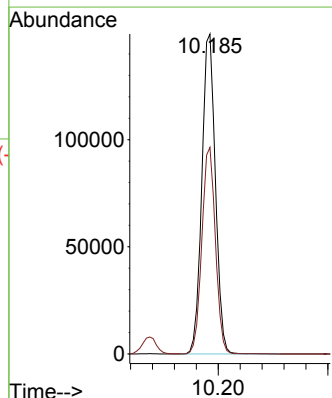
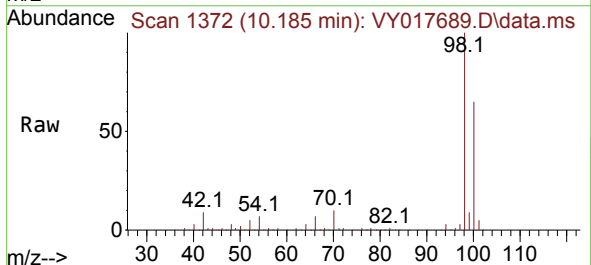
Acq: 18 Mar 2024 15:24

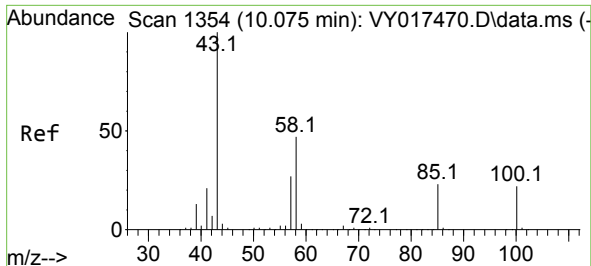
Tgt Ion: 98 Resp: 255661

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

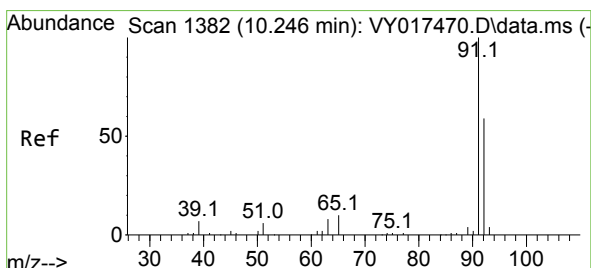
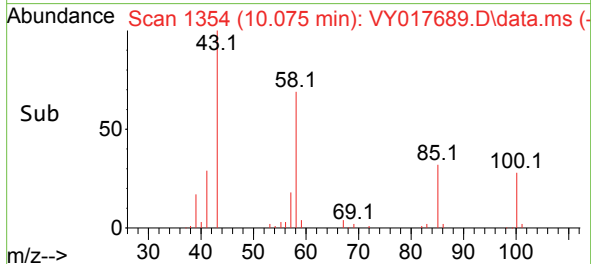
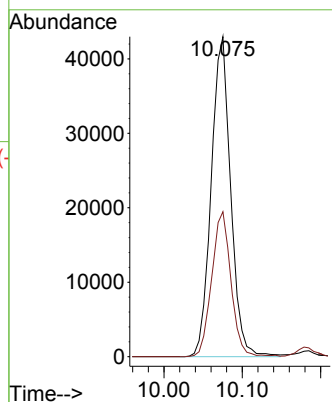
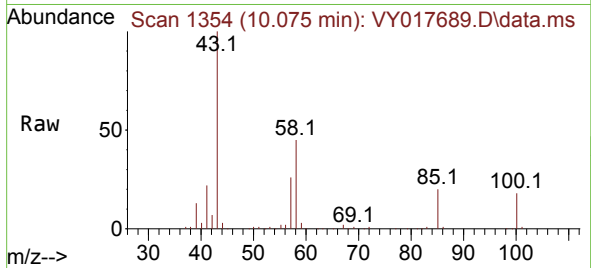




#51
4-Methyl-2-Pentanone
Concen: 86.623 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

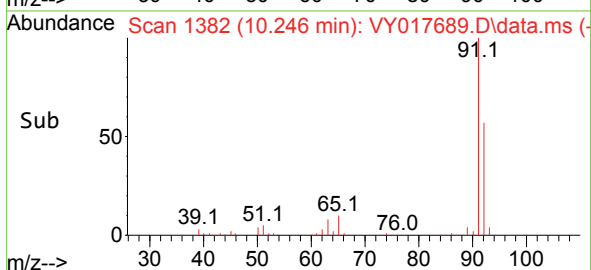
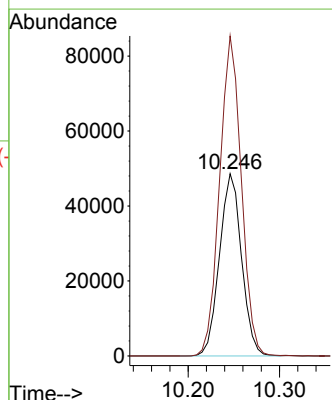
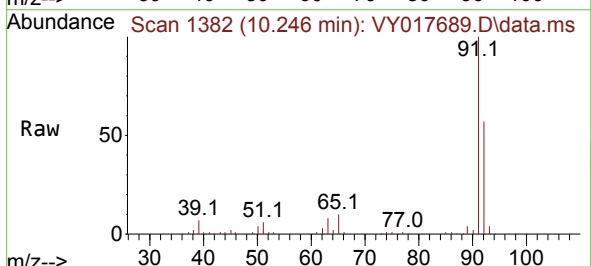
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

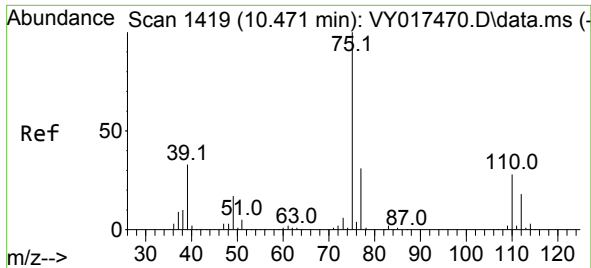
Tgt Ion: 43 Resp: 74133
Ion Ratio Lower Upper
43 100
58 44.9 35.7 53.5



#52
Toluene
Concen: 19.713 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 92 Resp: 81654
Ion Ratio Lower Upper
92 100
91 172.5 139.0 208.6

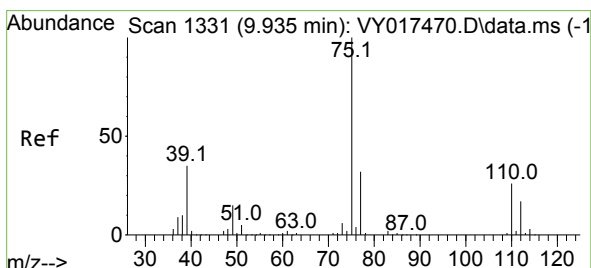
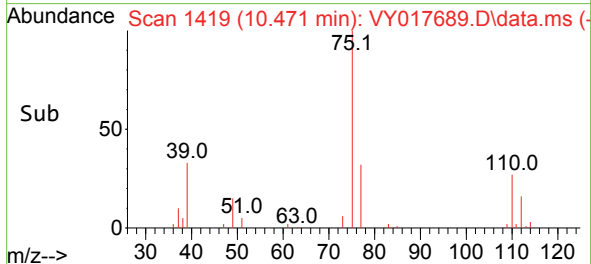
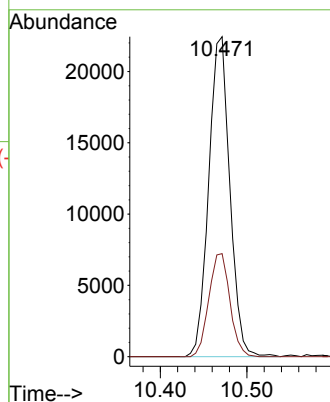
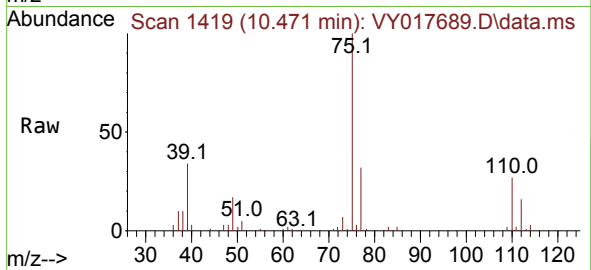




#53
 t-1,3-Dichloropropene
 Concen: 18.849 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017689.D
 Acq: 18 Mar 2024 15:24

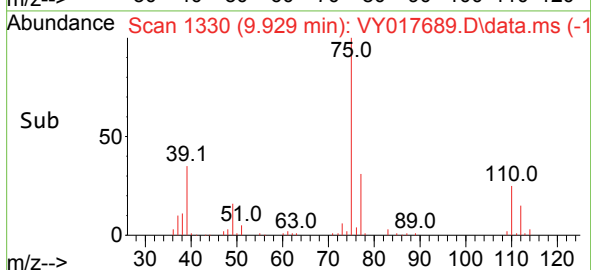
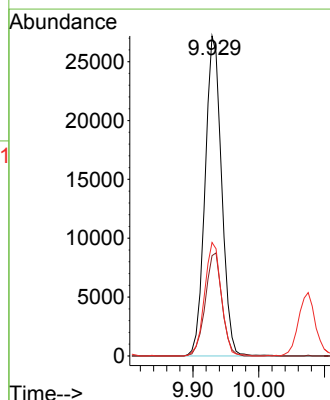
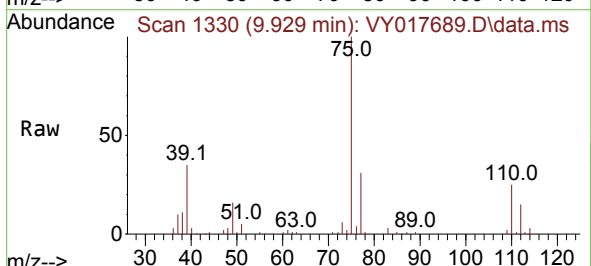
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

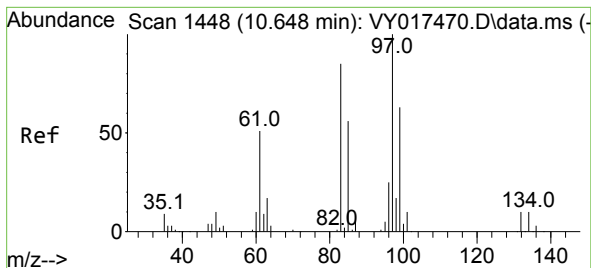
Tgt Ion: 75 Resp: 38004
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.426 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY017689.D
 Acq: 18 Mar 2024 15:24

Tgt Ion: 75 Resp: 47591
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0
 39 35.5 29.8 44.6

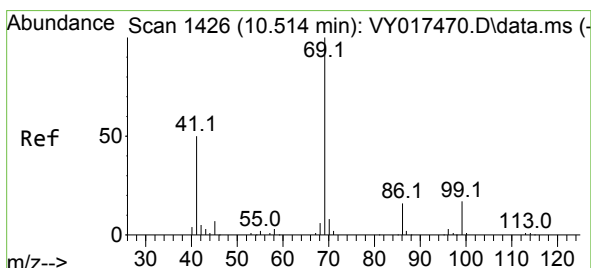
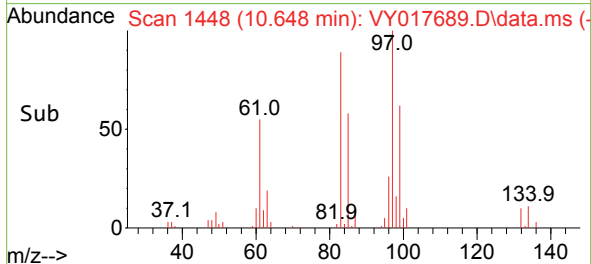
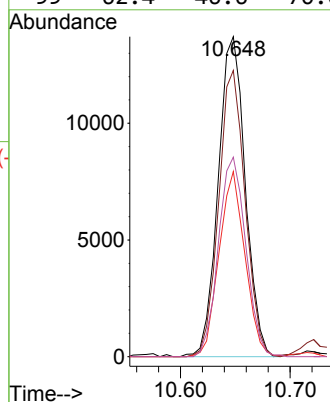
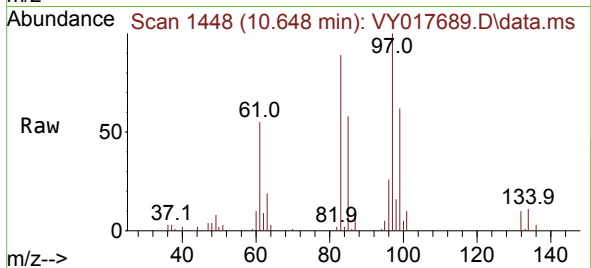




#55
1,1,2-Trichloroethane
Concen: 18.526 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

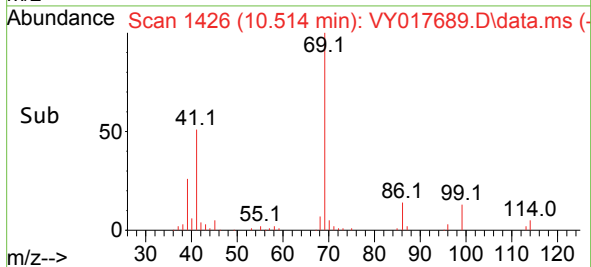
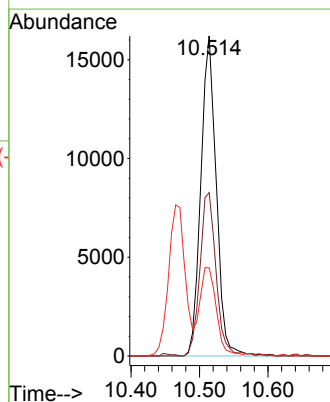
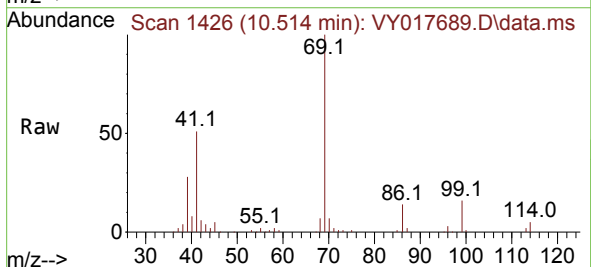
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

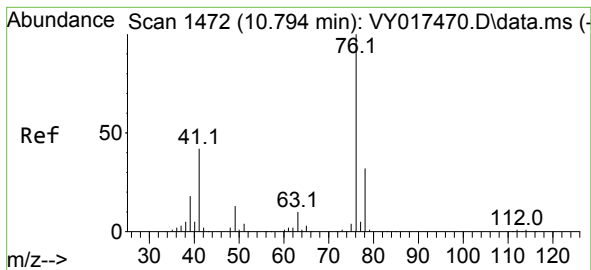
Tgt Ion:	97	Resp:	23532
Ion	Ratio	Lower	Upper
97	100		
83	89.5	67.5	101.3
85	57.8	42.9	64.3
99	62.4	46.6	70.0



#56
Ethyl methacrylate
Concen: 18.021 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion:	69	Resp:	25489
Ion	Ratio	Lower	Upper
69	100		
41	53.8	42.3	63.5
39	30.3	22.9	34.3

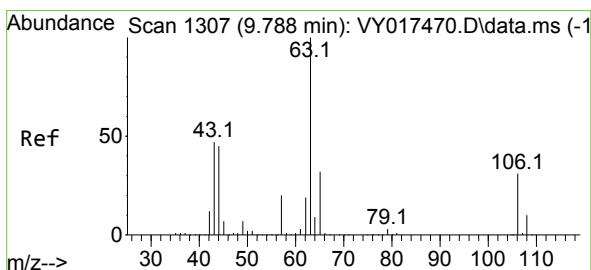
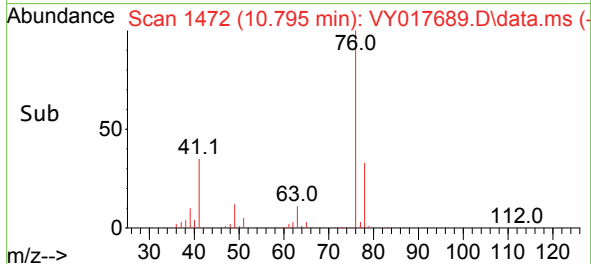
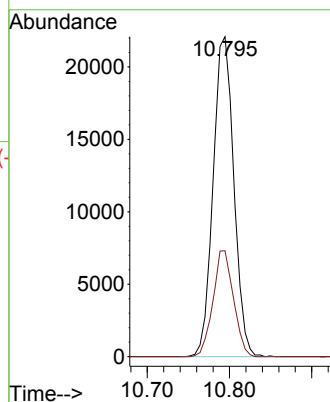
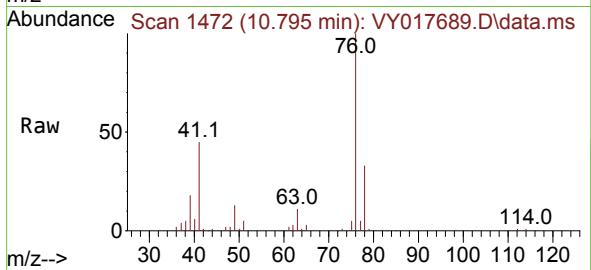




#57
1,3-Dichloropropane
Concen: 18.702 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

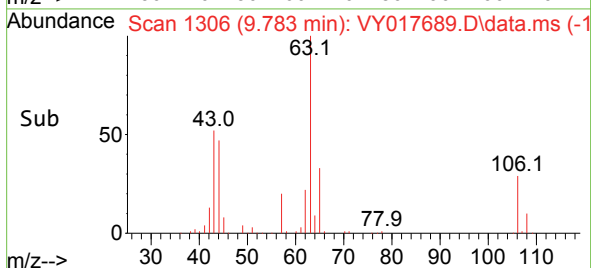
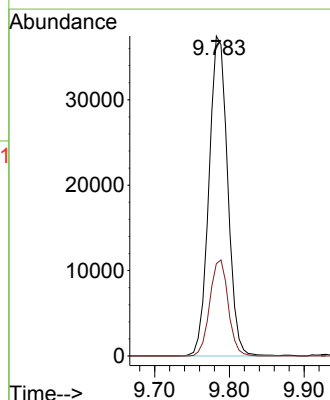
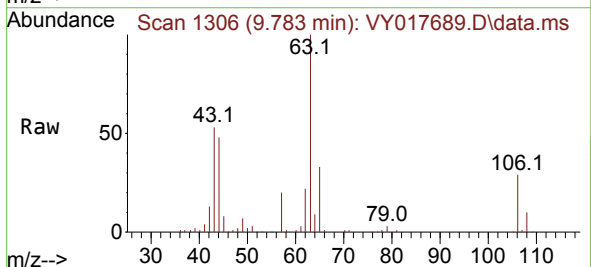
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

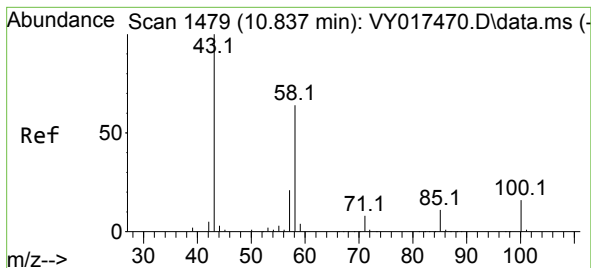
Tgt Ion: 76 Resp: 38622
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 88.847 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 63 Resp: 65122
Ion Ratio Lower Upper
63 100
106 29.5 23.7 35.5

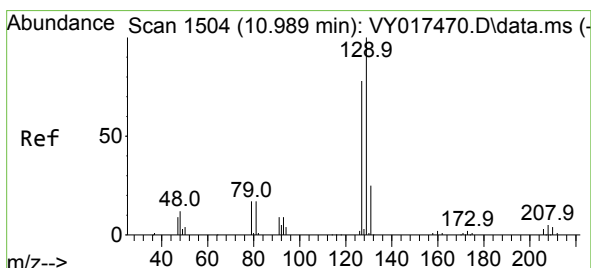
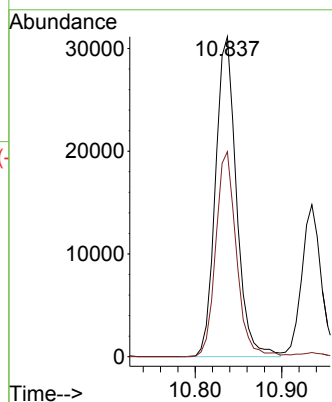
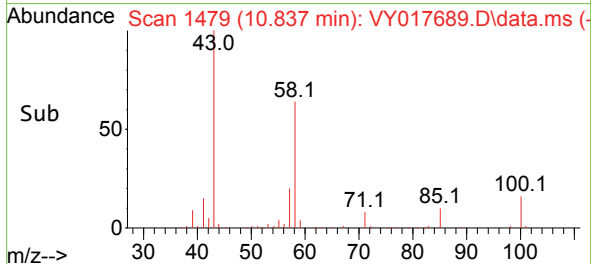
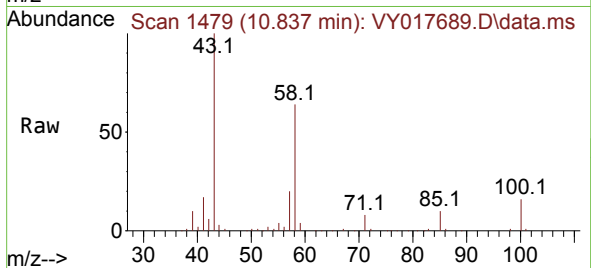




#59
2-Hexanone
Concen: 88.954 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

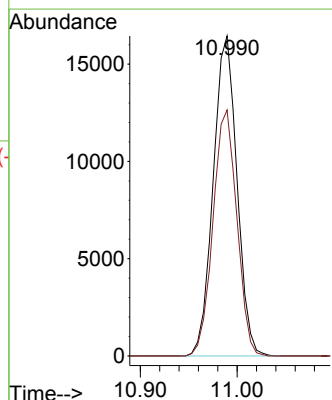
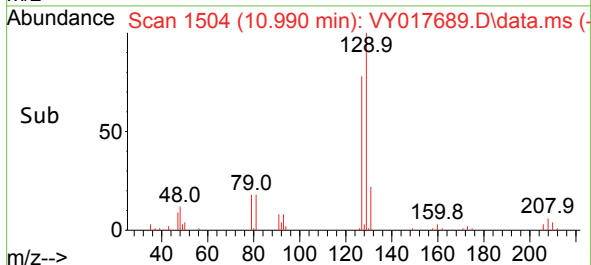
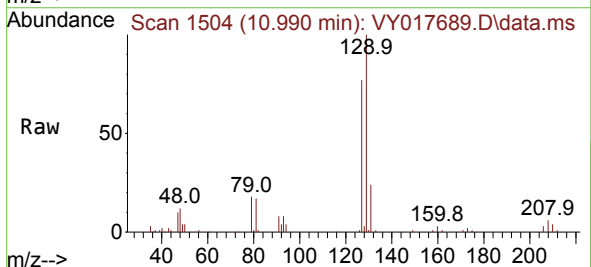
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tgt Ion: 43 Resp: 52291
Ion Ratio Lower Upper
43 100
58 63.3 31.4 94.0



#60
Dibromochloromethane
Concen: 18.643 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 129 Resp: 28014
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0

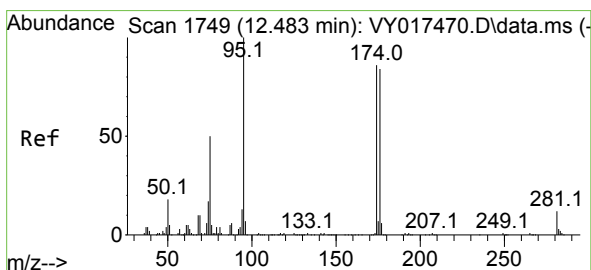
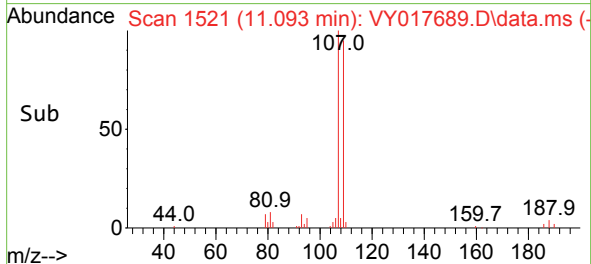
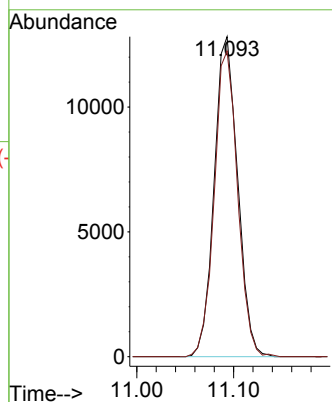
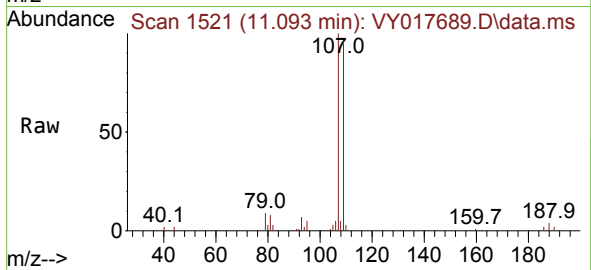




#61
1,2-Dibromoethane
Concen: 18.429 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

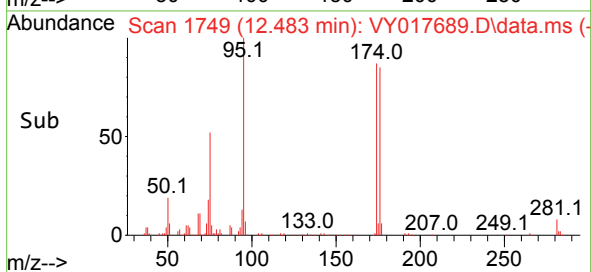
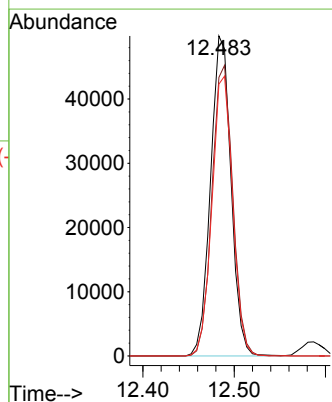
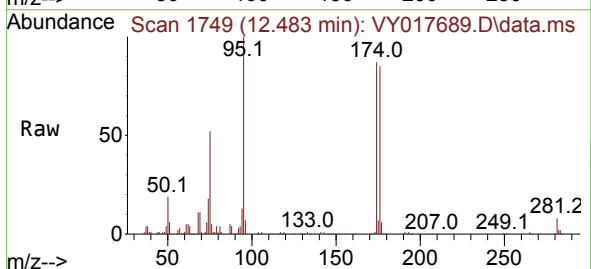
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

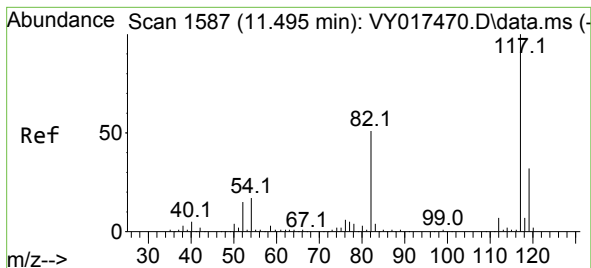
Tgt Ion:107 Resp: 21572
Ion Ratio Lower Upper
107 100
109 94.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 42.949 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 95 Resp: 77387
Ion Ratio Lower Upper
95 100
174 92.6 0.0 175.6
176 88.8 0.0 171.4

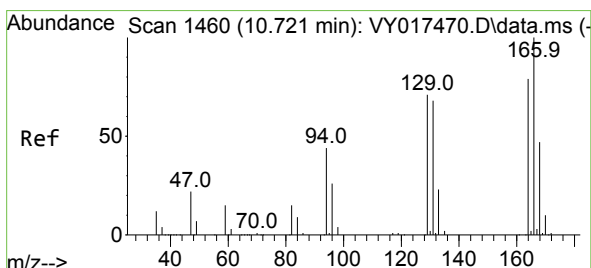
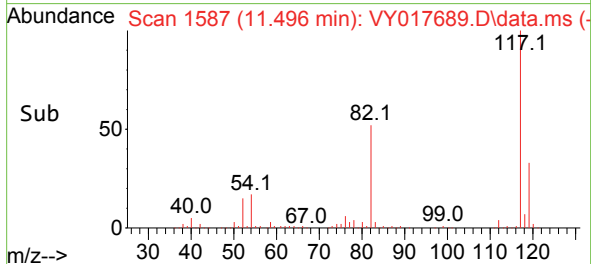
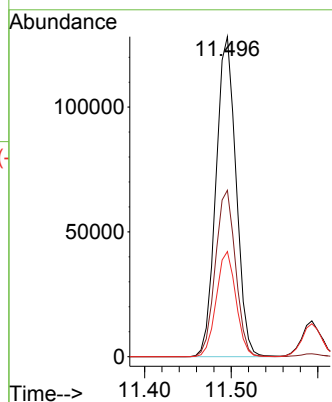
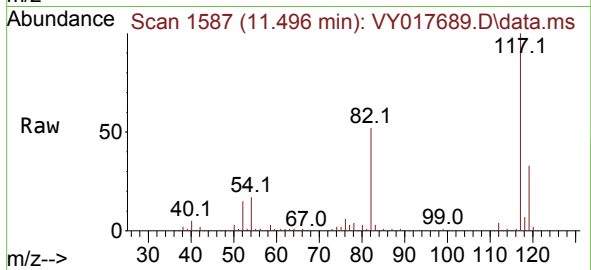




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

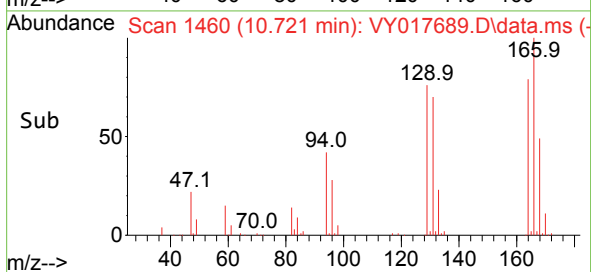
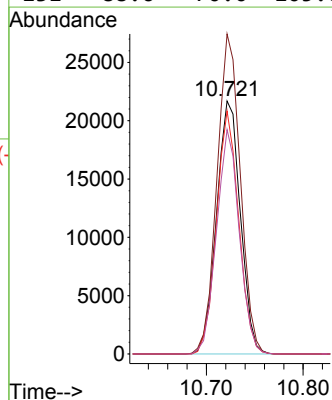
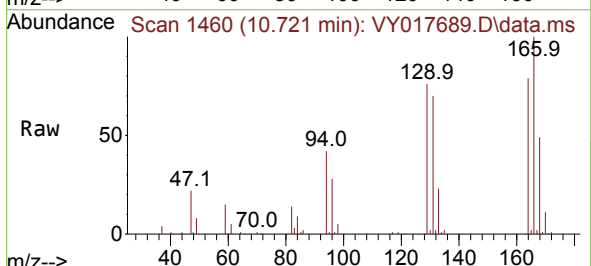
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

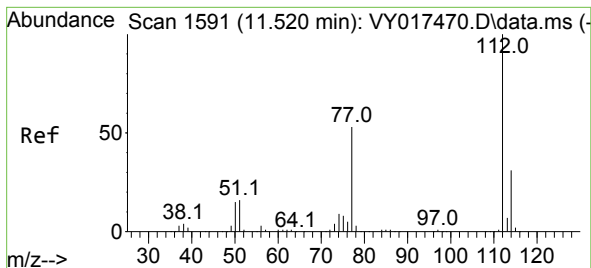
Tgt Ion:117 Resp: 206416
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 32.9 25.9 38.9



#64
Tetrachloroethene
Concen: 18.725 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion:164 Resp: 37098
Ion Ratio Lower Upper
164 100
166 126.5 102.6 154.0
129 96.0 72.0 108.0
131 88.6 70.0 105.0





#65

Chlorobenzene

Concen: 19.515 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

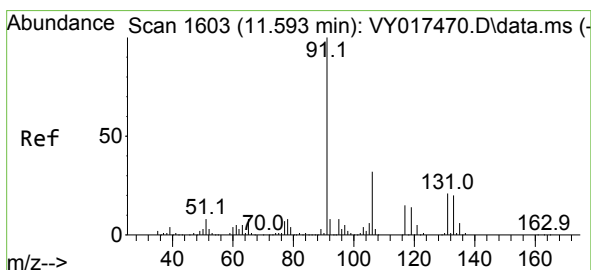
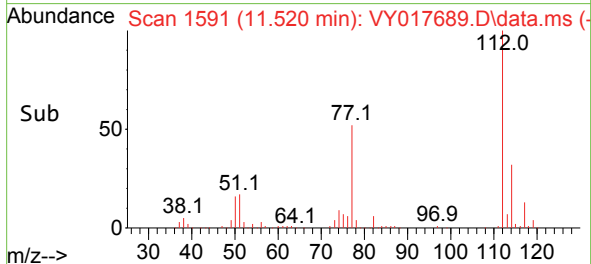
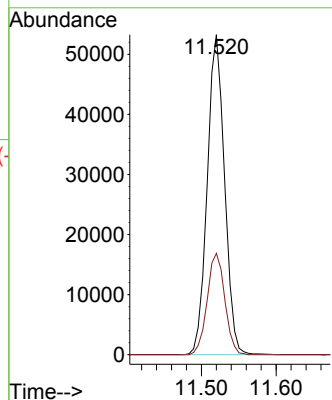
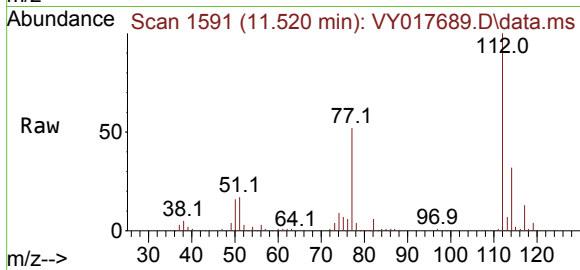
VY0318SBS01

Tgt Ion:112 Resp: 85500

Ion Ratio Lower Upper

112 100

114 31.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.017 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

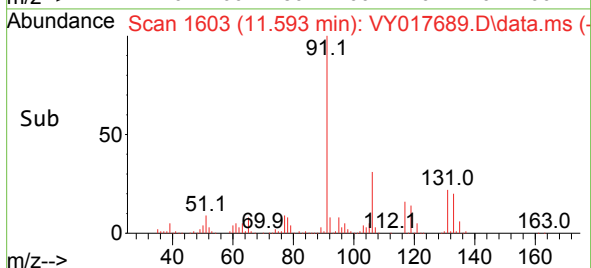
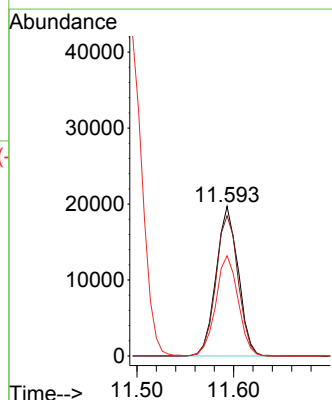
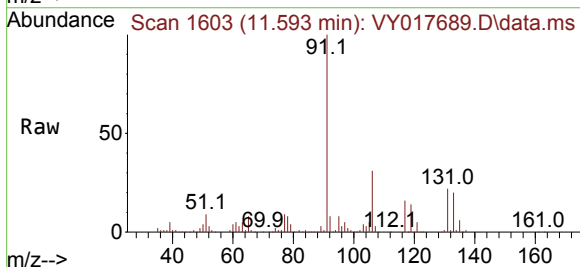
Tgt Ion:131 Resp: 31215

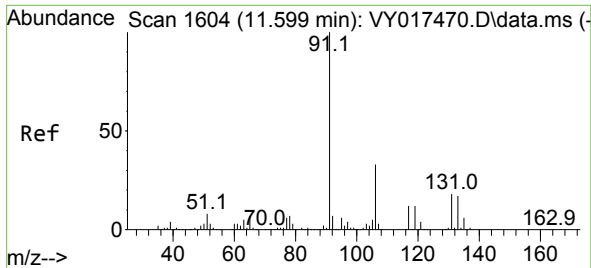
Ion Ratio Lower Upper

131 100

133 95.0 47.8 143.3

119 67.9 34.1 102.2

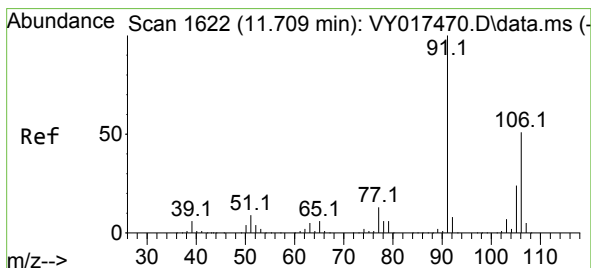
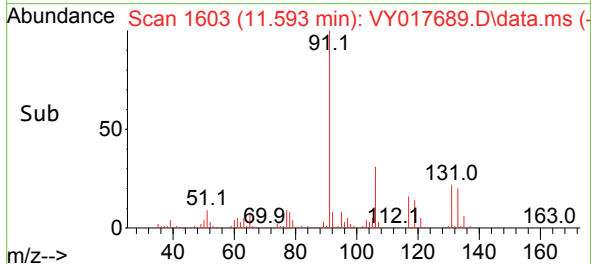
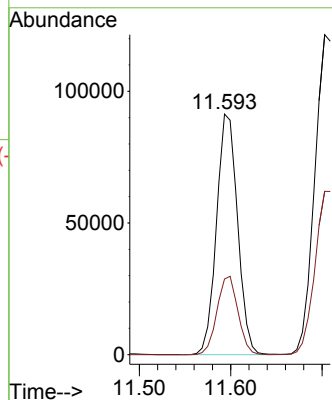
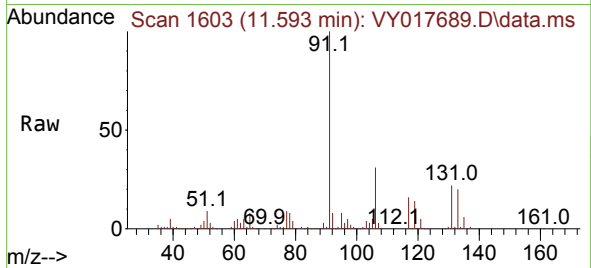




#67
Ethyl Benzene
Concen: 19.045 ug/l
RT: 11.593 min Scan# 1159
Delta R.T. -0.006 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

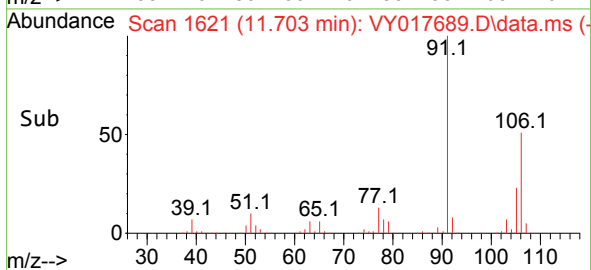
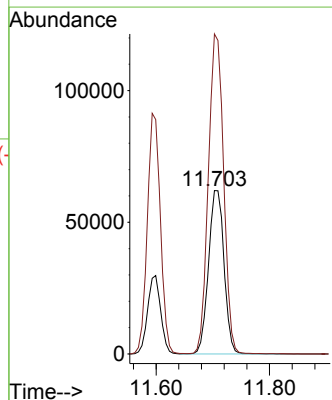
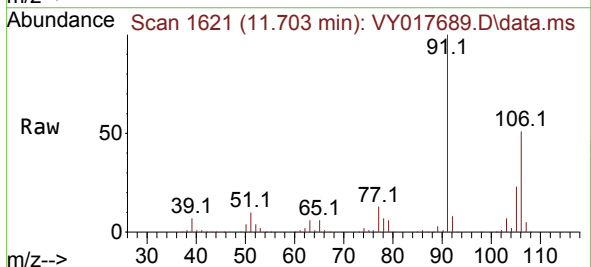
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

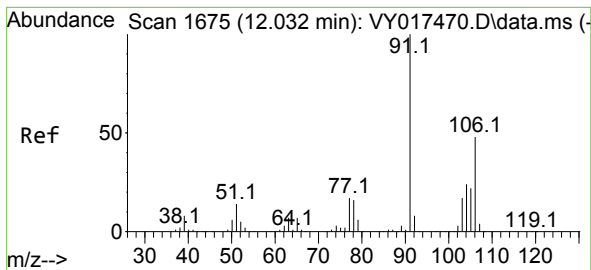
Tgt Ion: 91 Resp: 146335
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7



#68
m/p-Xylenes
Concen: 39.057 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion:106 Resp: 117924
Ion Ratio Lower Upper
106 100
91 192.5 156.0 234.0





#69

o-Xylene

Concen: 18.956 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

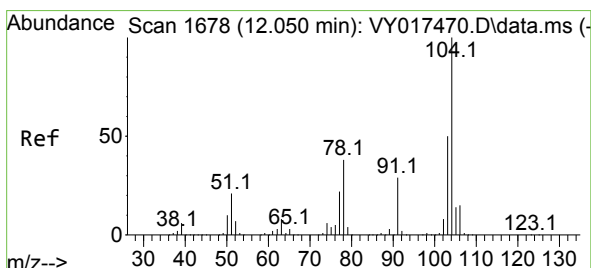
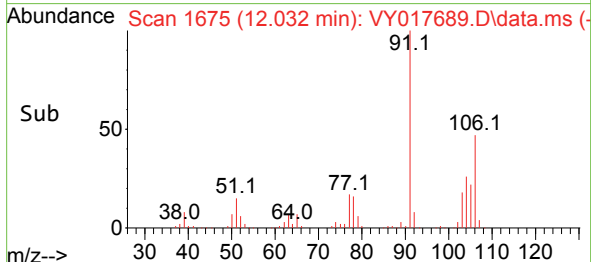
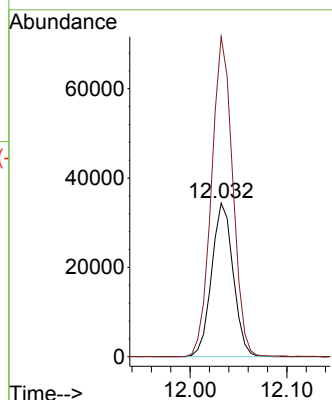
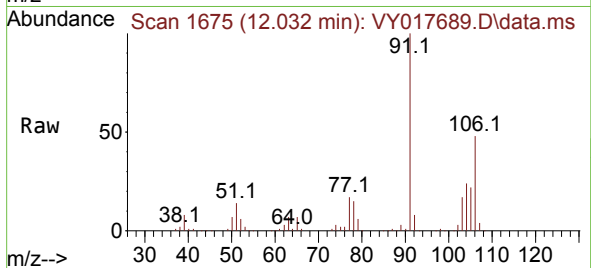
VY0318SBS01

Tgt Ion:106 Resp: 53096

Ion Ratio Lower Upper

106 100

91 206.4 103.6 310.8



#70

Styrene

Concen: 18.974 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

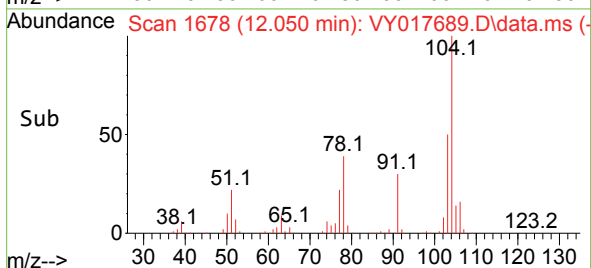
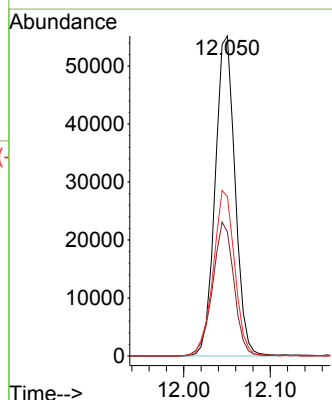
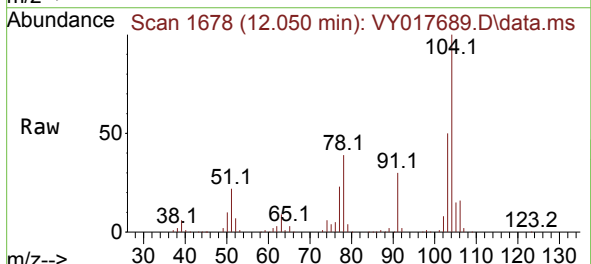
Tgt Ion:104 Resp: 88220

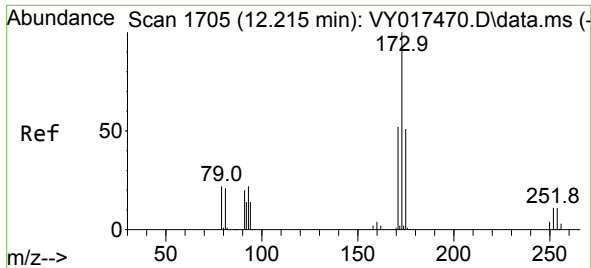
Ion Ratio Lower Upper

104 100

78 44.8 37.0 55.4

103 55.7 44.2 66.2

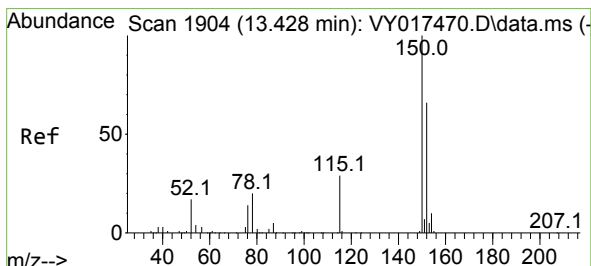
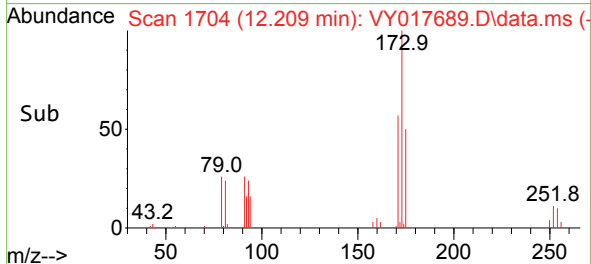
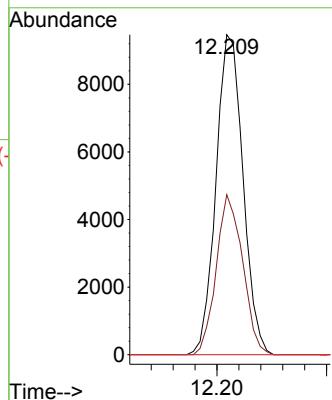
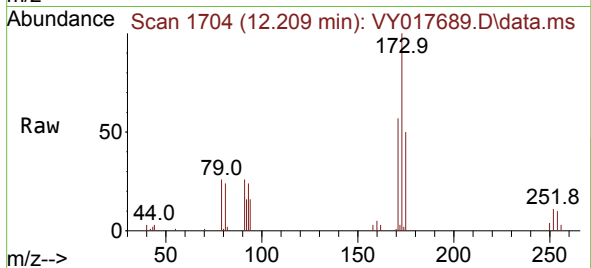




#71
Bromoform
Concen: 17.806 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

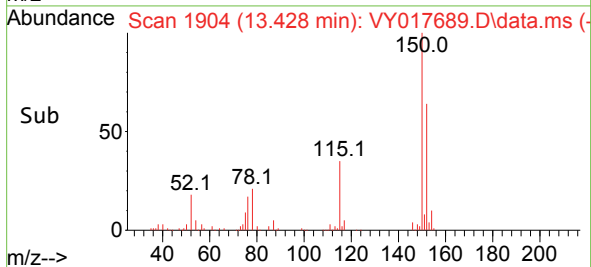
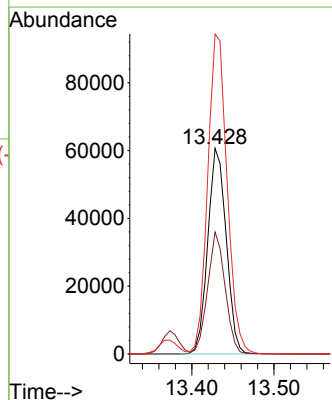
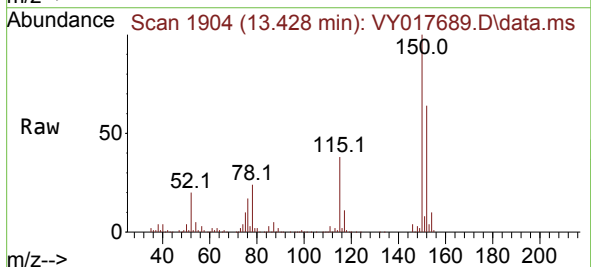
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

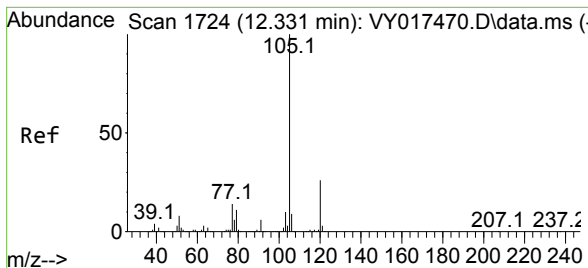
Tgt Ion:173 Resp: 16196
Ion Ratio Lower Upper
173 100
175 48.8 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion:152 Resp: 94506
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 163.8 0.0 345.6





#73

Isopropylbenzene

Concen: 20.106 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

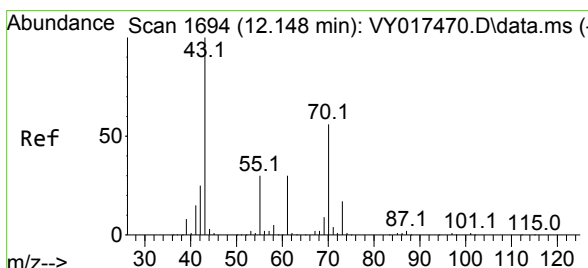
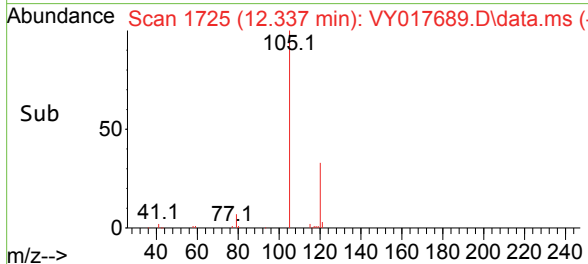
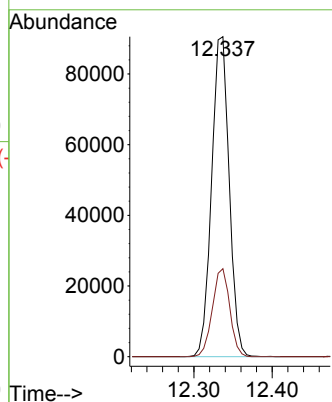
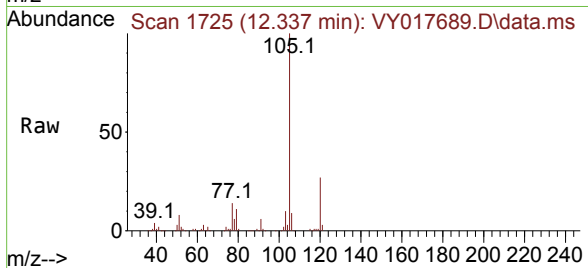
VY0318SBS01

Tgt Ion:105 Resp: 141165

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.1



#74

N-ethyl acetate

Concen: 18.950 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Tgt Ion: 43 Resp: 23466

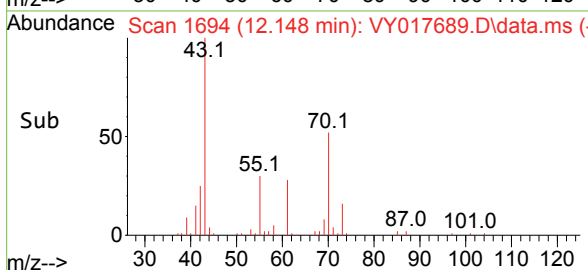
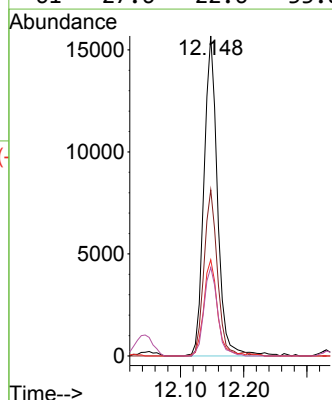
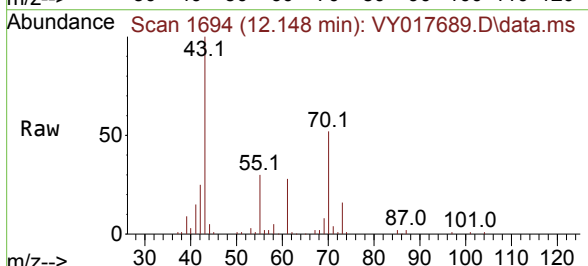
Ion Ratio Lower Upper

43 100

70 51.8 41.4 62.2

55 30.2 23.3 34.9

61 27.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.113 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

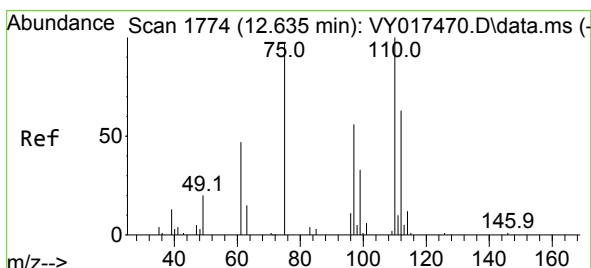
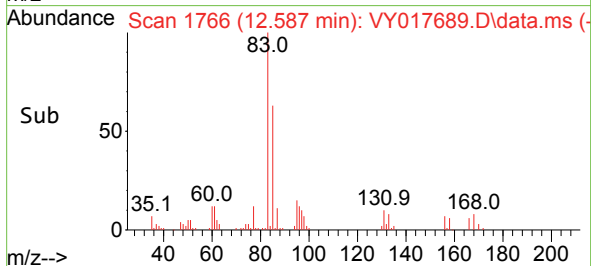
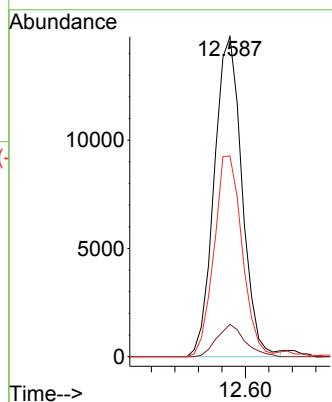
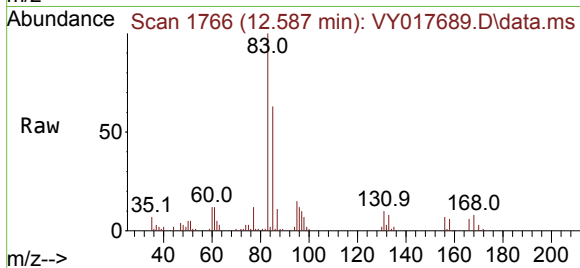
Tgt Ion: 83 Resp: 24250

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 63.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 33.598 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017689.D

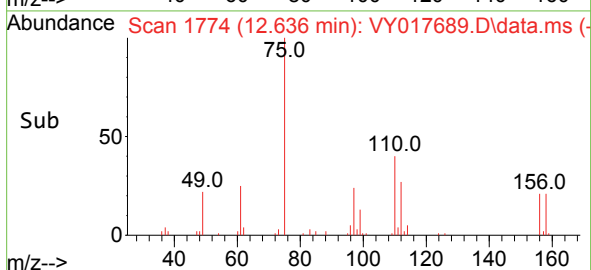
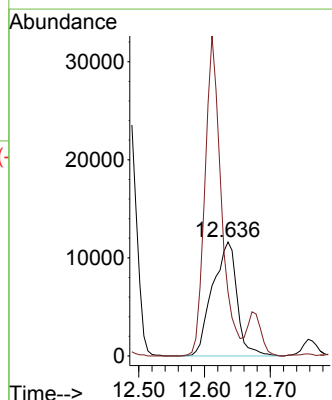
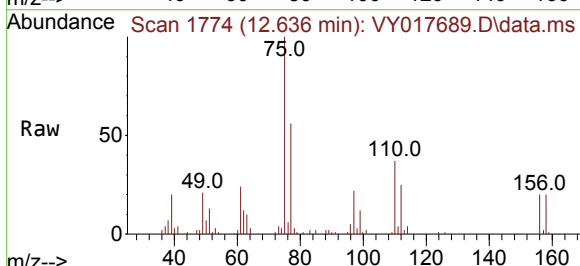
Acq: 18 Mar 2024 15:24

Tgt Ion: 75 Resp: 30169

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.901 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

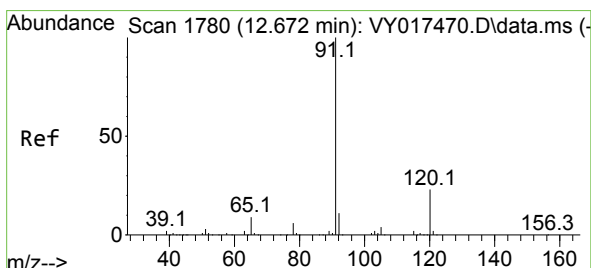
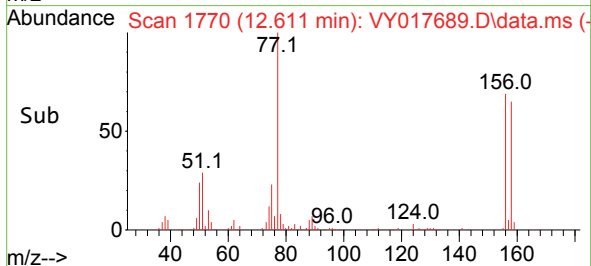
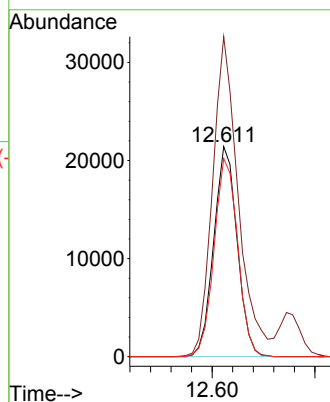
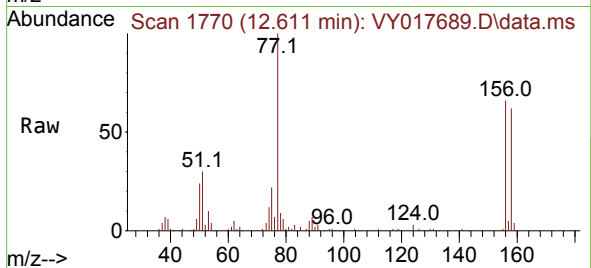
Tgt Ion:156 Resp: 33838

Ion Ratio Lower Upper

156 100

77 166.8 87.1 261.3

158 95.3 48.6 145.9



#78

n-propylbenzene

Concen: 20.711 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017689.D

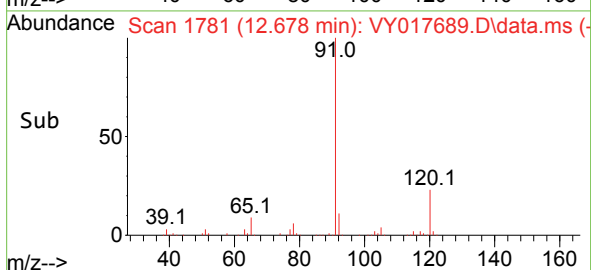
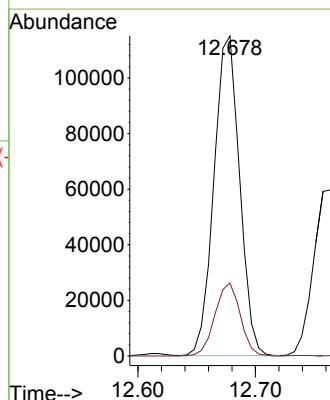
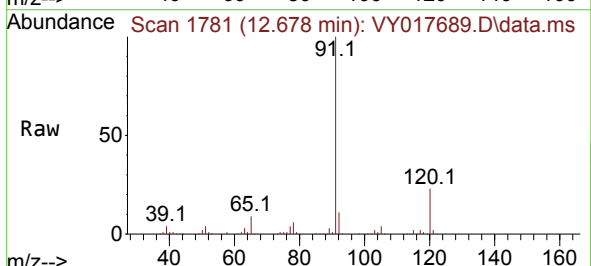
Acq: 18 Mar 2024 15:24

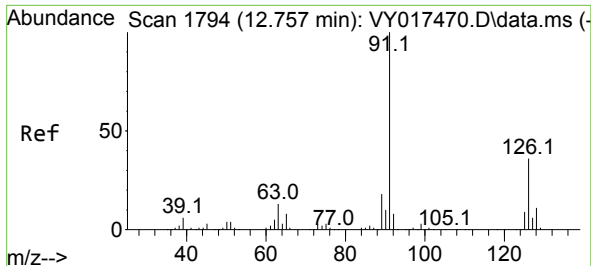
Tgt Ion: 91 Resp: 174481

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.332 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

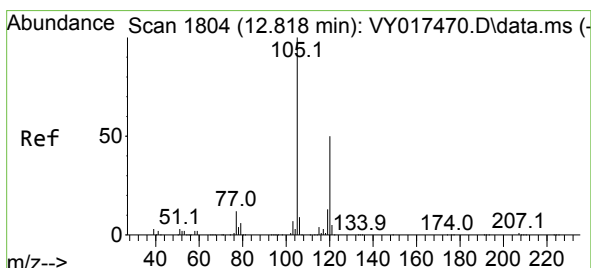
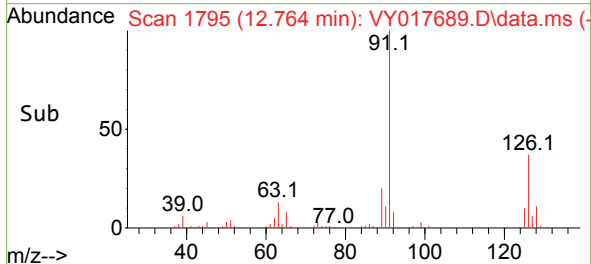
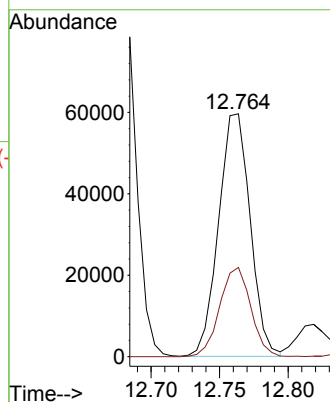
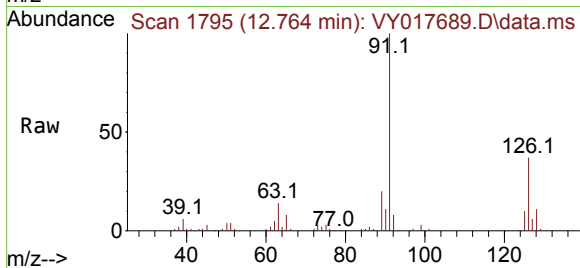
VY0318SBS01

Tgt Ion: 91 Resp: 95901

Ion Ratio Lower Upper

91 100

126 36.1 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 20.242 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017689.D

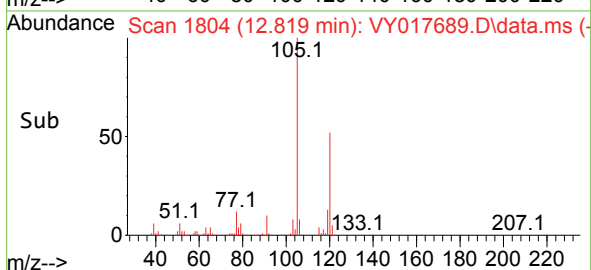
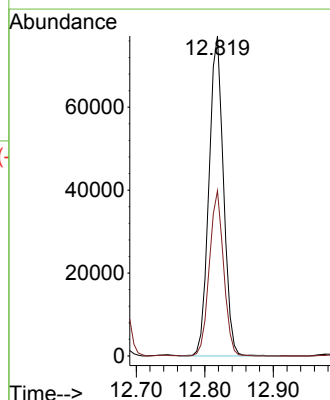
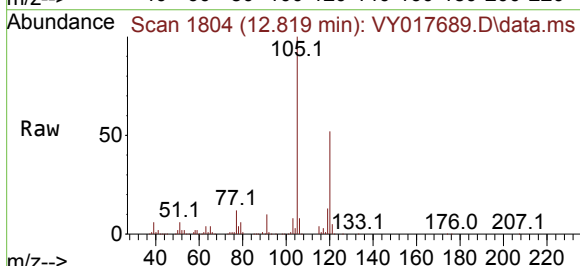
Acq: 18 Mar 2024 15:24

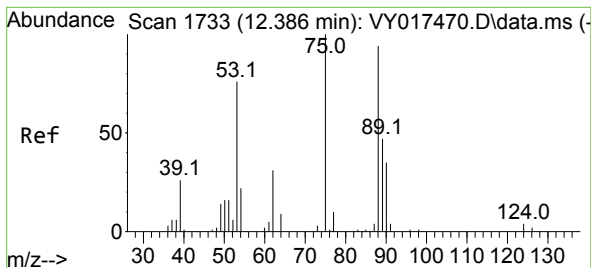
Tgt Ion:105 Resp: 113861

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.2

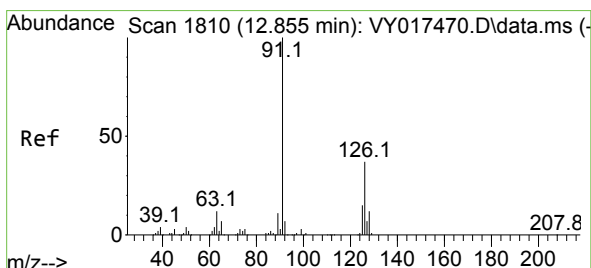
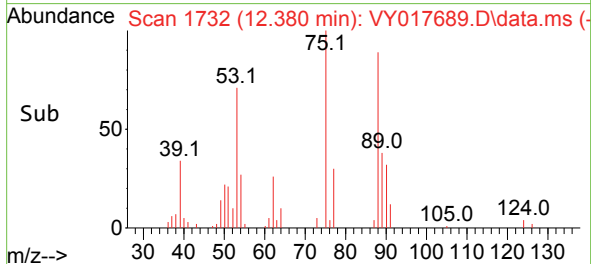
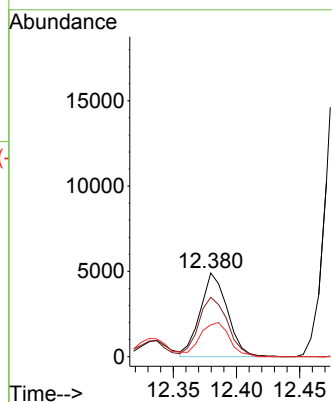
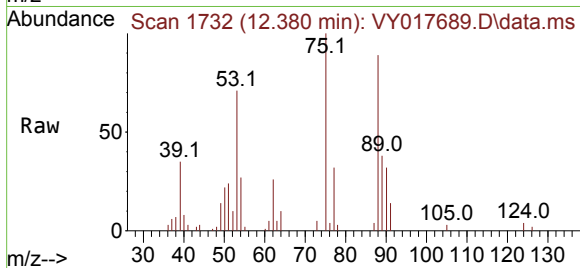




#81
trans-1,4-Dichloro-2-butene
Concen: 18.762 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

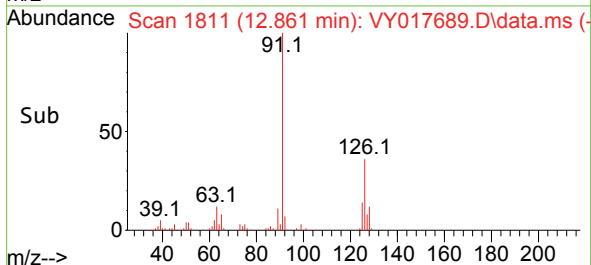
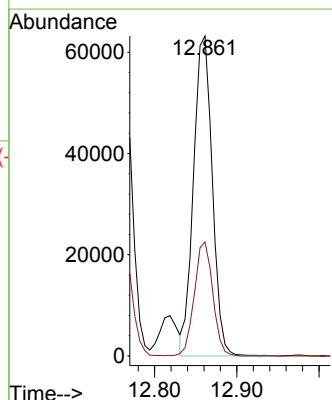
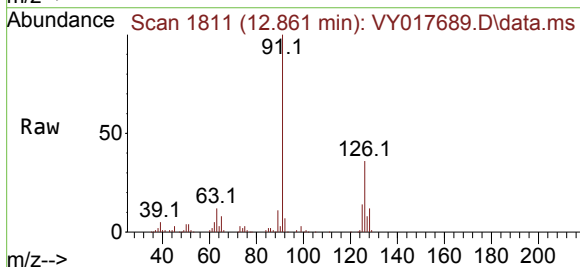
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

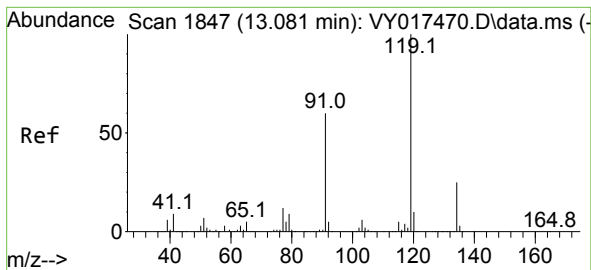
Tgt Ion: 75 Resp: 7332
Ion Ratio Lower Upper
75 100
53 75.9 66.8 100.2
89 42.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.813 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017689.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 91 Resp: 100413
Ion Ratio Lower Upper
91 100
126 35.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.178 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

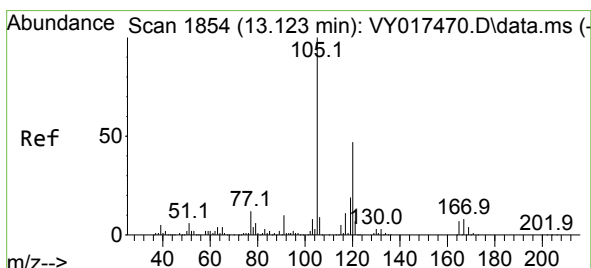
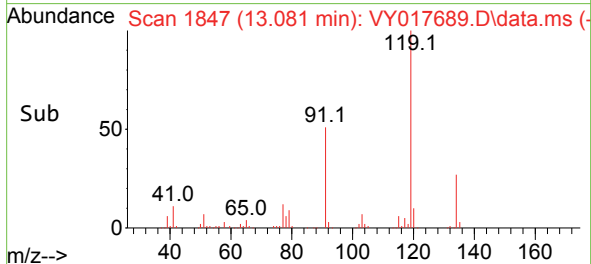
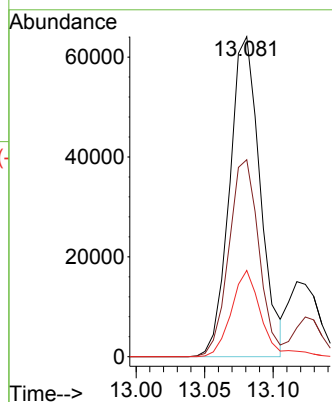
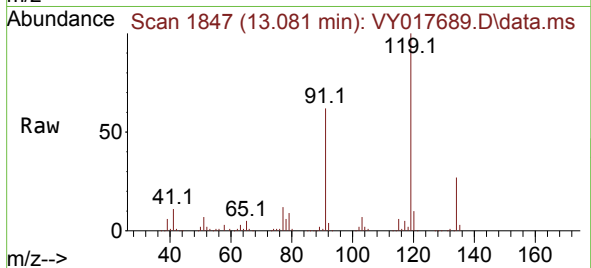
Tgt Ion:119 Resp: 99672

Ion Ratio Lower Upper

119 100

91 60.6 31.3 93.8

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.239 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017689.D

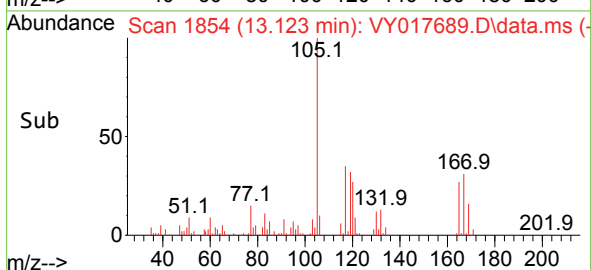
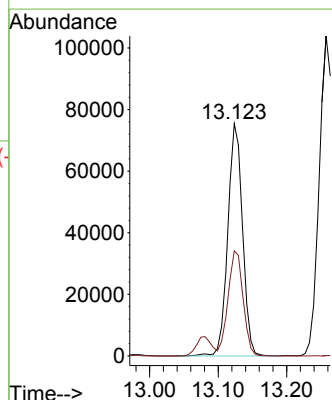
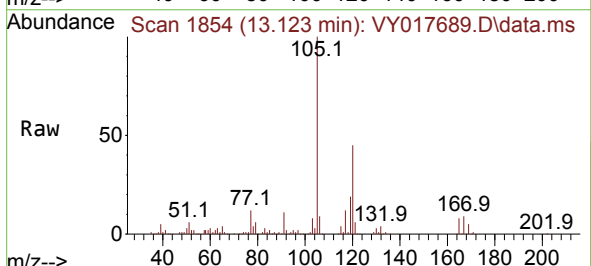
Acq: 18 Mar 2024 15:24

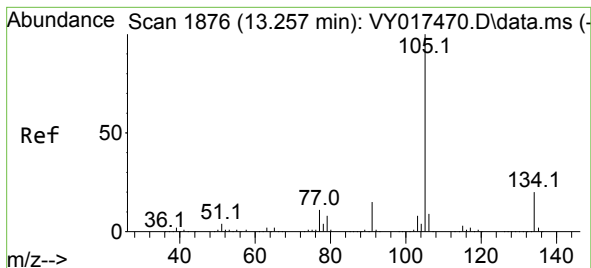
Tgt Ion:105 Resp: 112392

Ion Ratio Lower Upper

105 100

120 46.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.475 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

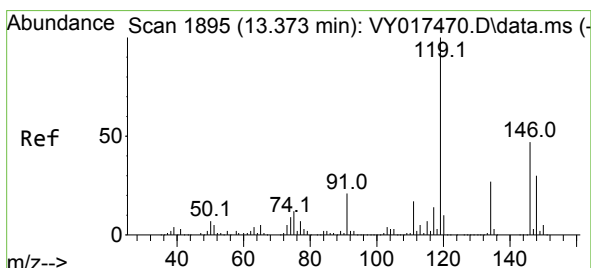
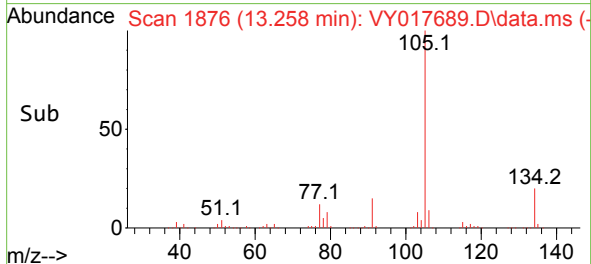
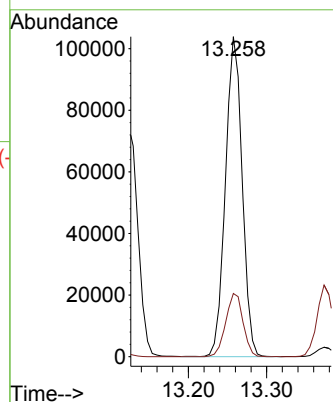
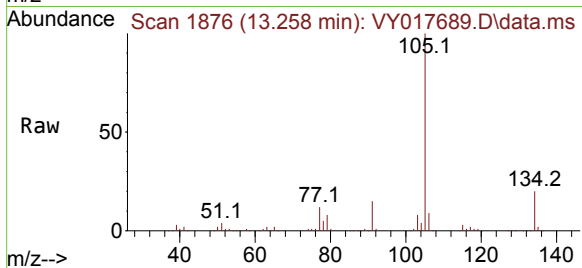
VY0318SBS01

Tgt Ion:105 Resp: 154623

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.366 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

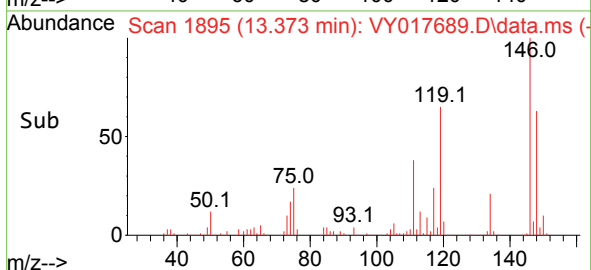
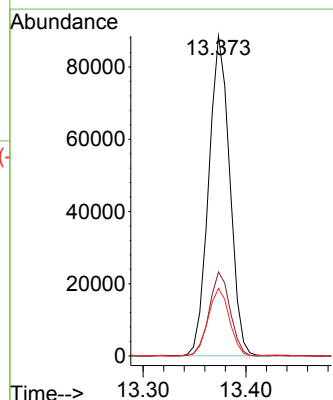
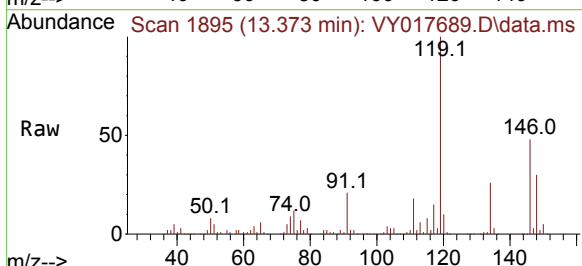
Tgt Ion:119 Resp: 125906

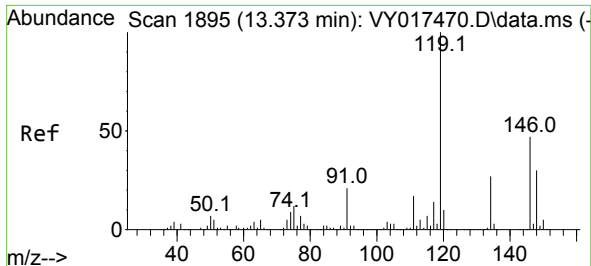
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 21.4 10.7 32.1

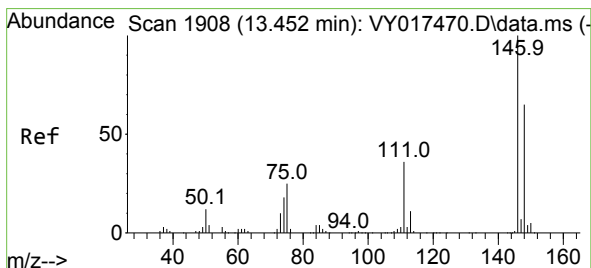
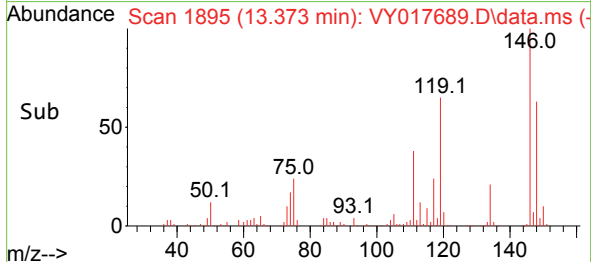
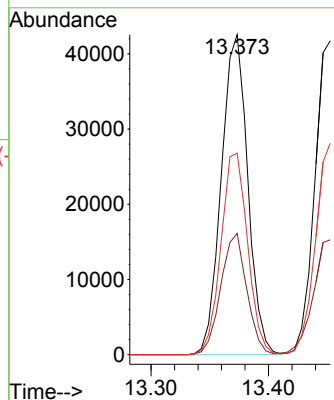
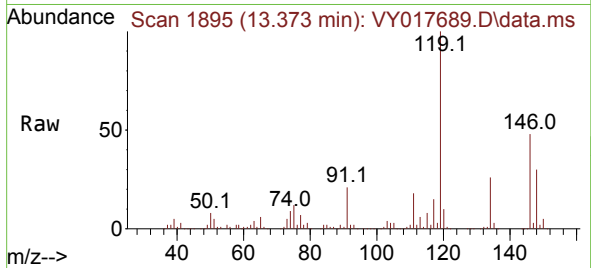




#87
 1,3-Dichlorobenzene
 Concen: 19.498 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017689.D
 Acq: 18 Mar 2024 15:24

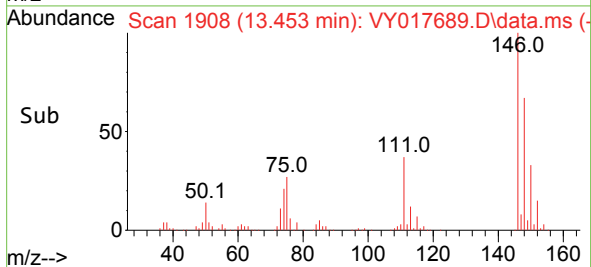
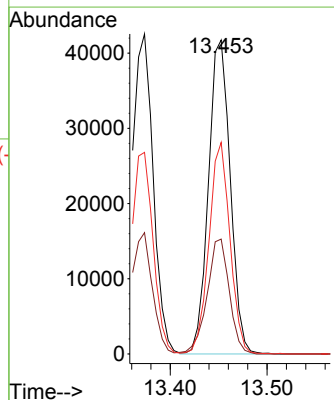
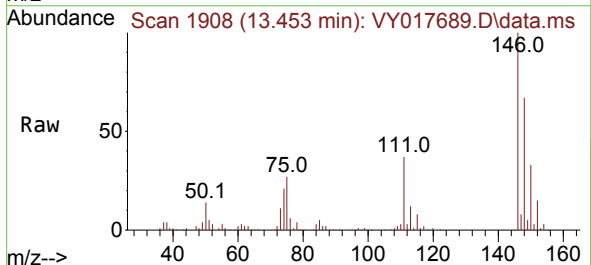
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

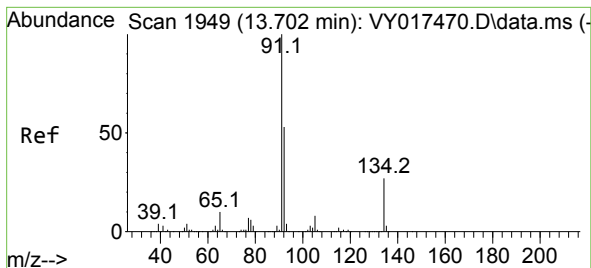
Tgt Ion:146 Resp: 66544
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.0 57.0
 148 63.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.727 ug/l
 RT: 13.453 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VY017689.D
 Acq: 18 Mar 2024 15:24

Tgt Ion:146 Resp: 65456
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.4 55.4
 148 64.9 32.4 97.2





#89

n-Butylbenzene

Concen: 20.319 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

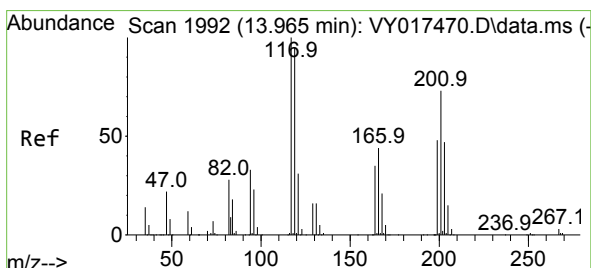
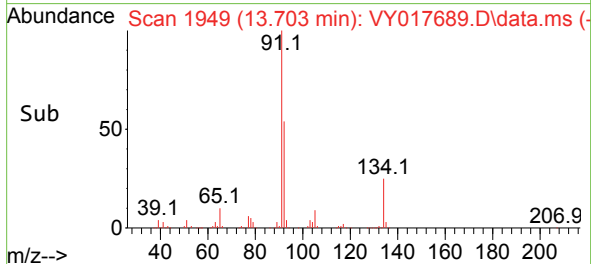
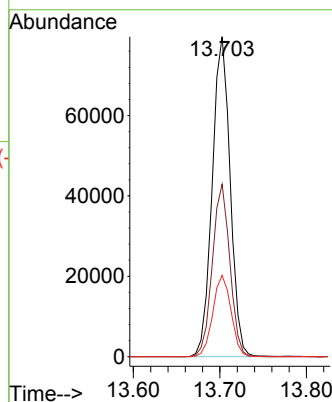
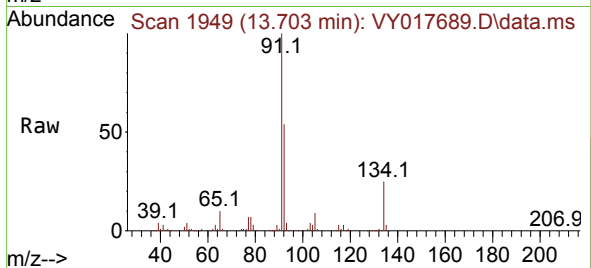
Tgt Ion: 91 Resp: 114608

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

134 25.7 12.9 38.7



#90

Hexachloroethane

Concen: 20.624 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017689.D

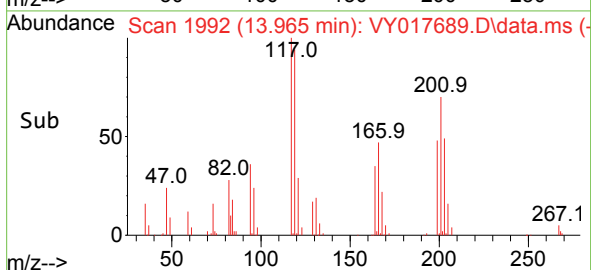
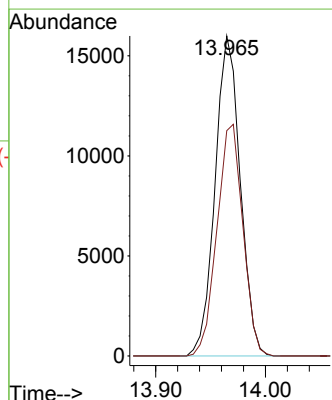
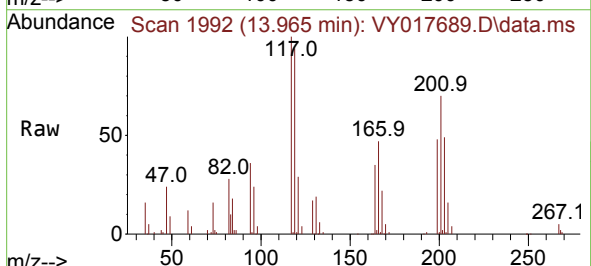
Acq: 18 Mar 2024 15:24

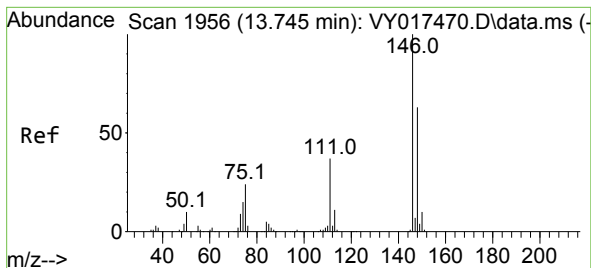
Tgt Ion: 117 Resp: 25561

Ion Ratio Lower Upper

117 100

201 74.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.682 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

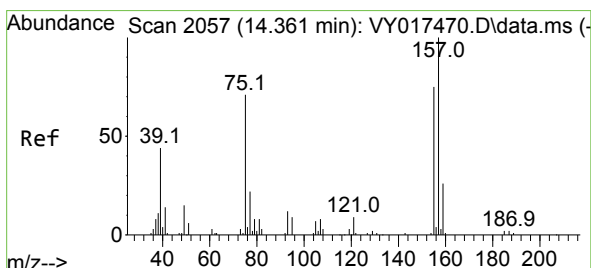
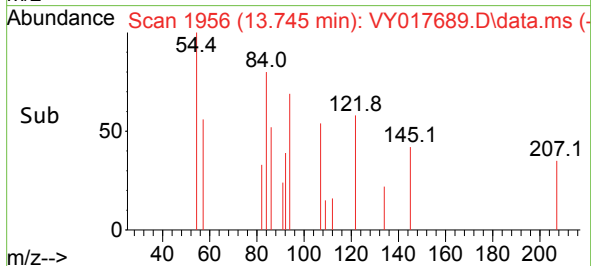
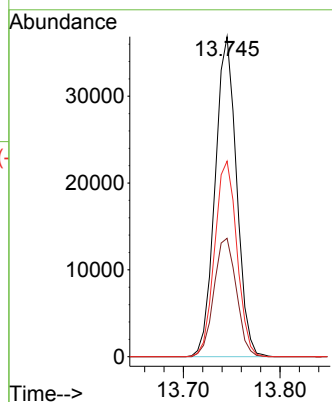
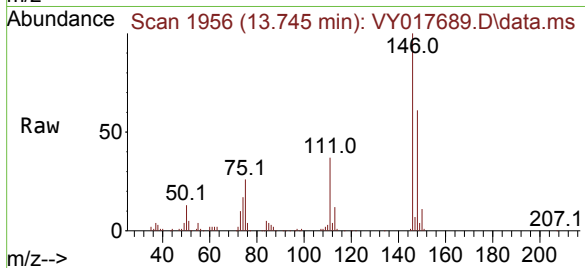
Tgt Ion:146 Resp: 56818

Ion Ratio Lower Upper

146 100

111 38.7 19.9 59.7

148 63.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.212 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

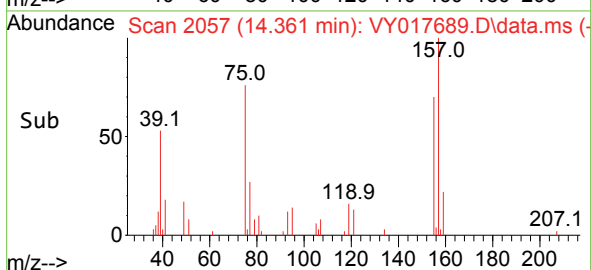
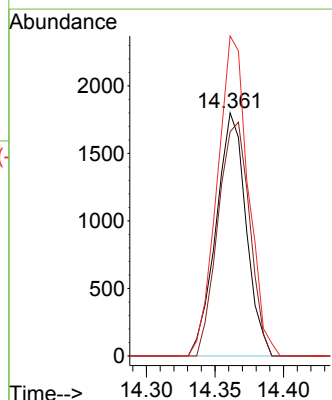
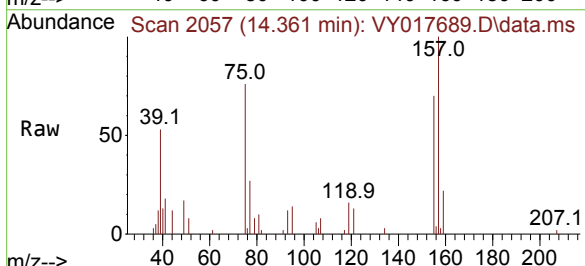
Tgt Ion: 75 Resp: 2748

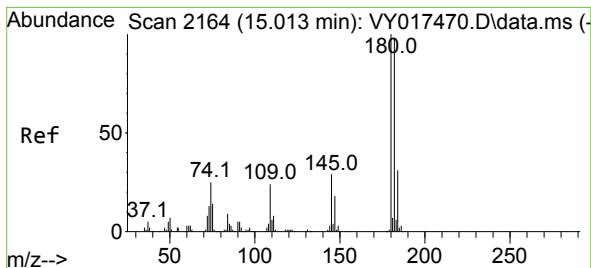
Ion Ratio Lower Upper

75 100

155 100.9 48.6 145.8

157 136.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.432 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

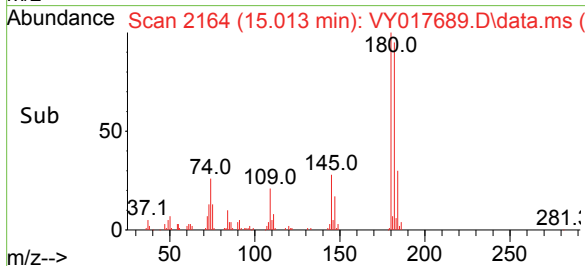
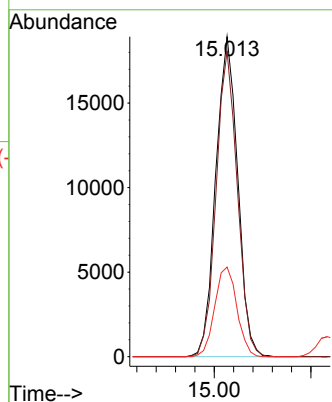
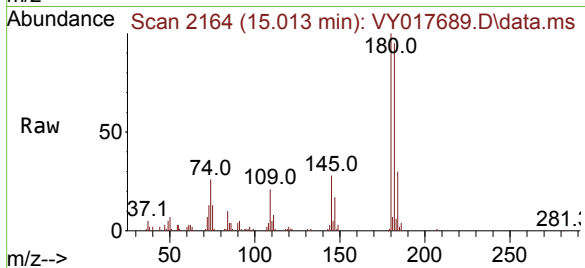
Tgt Ion:180 Resp: 29630

Ion Ratio Lower Upper

180 100

182 92.3 47.9 143.8

145 28.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.633 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

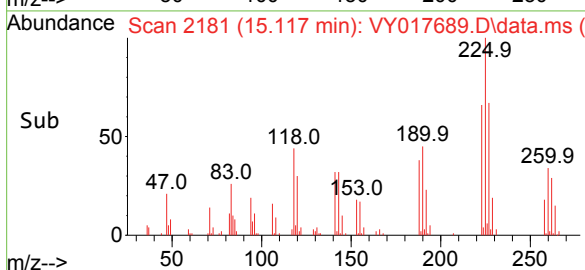
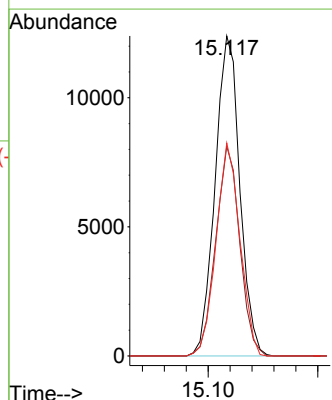
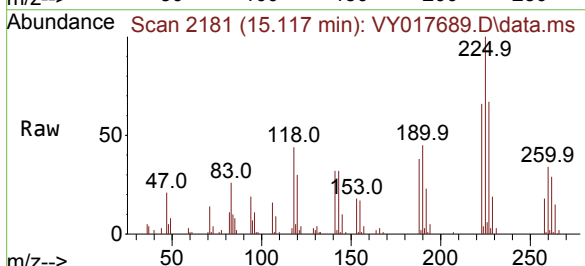
Tgt Ion:225 Resp: 19425

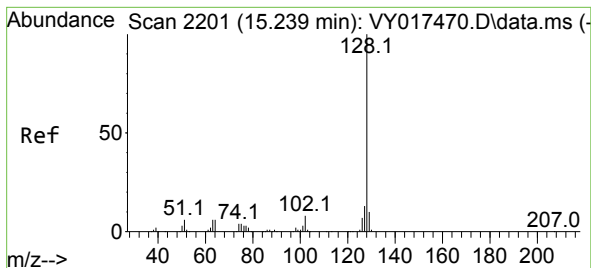
Ion Ratio Lower Upper

225 100

223 63.7 30.4 91.2

227 64.2 31.9 95.9





#95

Naphthalene

Concen: 17.486 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

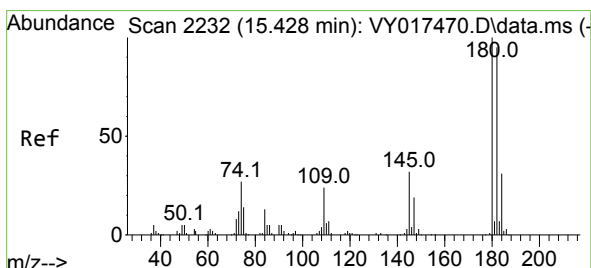
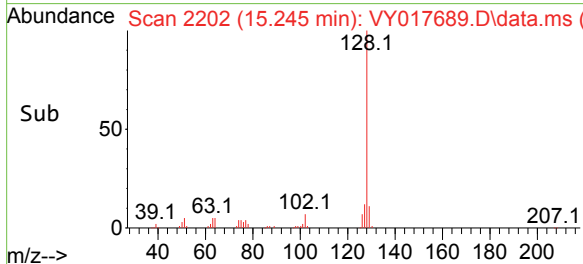
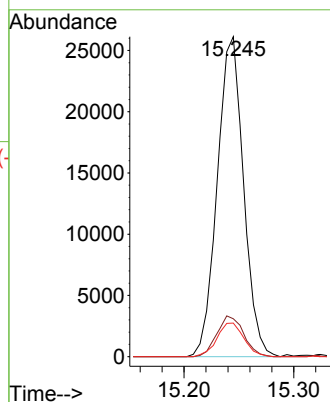
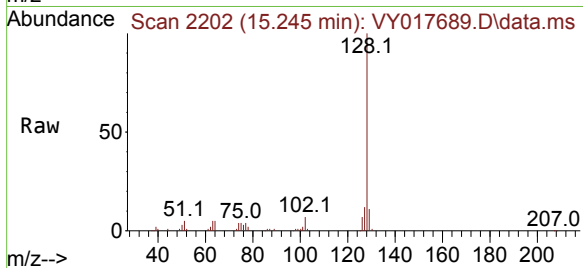
Tgt Ion:128 Resp: 43504

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.575 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY017689.D

Acq: 18 Mar 2024 15:24

Tgt Ion:180 Resp: 24298

Ion Ratio Lower Upper

180 100

182 95.4 47.6 142.9

145 29.1 15.4 46.1

