

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031224\
 Data File : VY017644.D
 Acq On : 12 Mar 2024 17:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 13 04:10:38 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	155493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	251207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	221321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70709	47.982	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.960%
35) Dibromofluoromethane	7.716	113	82413	47.080	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.160%
50) Toluene-d8	10.185	98	304853	49.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.483	95	95762	49.786	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	41547	36.222	ug/l	98
3) Chloromethane	2.113	50	81534	38.905	ug/l	97
4) Vinyl Chloride	2.247	62	109167	40.604	ug/l	99
5) Bromomethane	2.650	94	89231	40.726	ug/l	99
6) Chloroethane	2.790	64	74507	43.929	ug/l	99
7) Trichlorofluoromethane	3.119	101	107014	39.053	ug/l	98
8) Diethyl Ether	3.521	74	34647	43.109	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	64750	41.081	ug/l	98
10) Methyl Iodide	4.088	142	77194	43.641	ug/l	99
11) Tert butyl alcohol	4.948	59	20557	164.222	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	62037	42.234	ug/l	99
13) Acrolein	3.723	56	19136	115.858	ug/l	98
14) Allyl chloride	4.479	41	79233	44.642	ug/l	96
15) Acrylonitrile	5.161	53	70615	213.736	ug/l	98
16) Acetone	3.942	43	59010	206.452	ug/l	98
17) Carbon Disulfide	4.192	76	183031	41.514	ug/l	100
18) Methyl Acetate	4.479	43	34025	49.067	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	149110	43.553	ug/l	100
20) Methylene Chloride	4.710	84	77926	45.961	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	73395	42.675	ug/l	97
22) Diisopropyl ether	6.119	45	187486	45.777	ug/l	96
23) Vinyl Acetate	6.058	43	531153	217.638	ug/l	100
24) 1,1-Dichloroethane	6.015	63	123044	43.975	ug/l	98
25) 2-Butanone	6.984	43	85934	210.962	ug/l	97
26) 2,2-Dichloropropane	6.984	77	102299	43.485	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	84844	43.937	ug/l	100
28) Bromochloromethane	7.332	49	48901	44.376	ug/l	100
29) Tetrahydrofuran	7.344	42	52702	214.629	ug/l	98
30) Chloroform	7.509	83	130932	43.952	ug/l	99
31) Cyclohexane	7.789	56	101226	42.209	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	111952	43.286	ug/l	99
36) 1,1-Dichloropropene	7.917	75	99594	42.169	ug/l	99
37) Ethyl Acetate	7.070	43	36379	38.999	ug/l	98
38) Carbon Tetrachloride	7.899	117	97530	41.203	ug/l	97
39) Methylcyclohexane	9.185	83	120896	42.594	ug/l	98
40) Benzene	8.161	78	296240	42.236	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	48678	103.990	ug/l #	24
42) 1,2-Dichloroethane	8.234	62	71749	41.927	ug/l	99
43) Isopropyl Acetate	8.277	43	67376	41.103	ug/l #	85
44) Trichloroethene	8.941	130	82683	40.899	ug/l	99
45) 1,2-Dichloropropane	9.216	63	70608	42.313	ug/l	98
46) Dibromomethane	9.307	93	39704	41.575	ug/l	98
47) Bromodichloromethane	9.496	83	99139	42.754	ug/l	99
48) Methyl methacrylate	9.295	41	32671	43.059	ug/l	97
49) 1,4-Dioxane	9.301	88	8860	819.766	ug/l #	97
51) 4-Methyl-2-Pentanone	10.069	43	188316	206.130	ug/l	99
52) Toluene	10.246	92	188726	42.682	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	91174	42.362	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	111676	42.702	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	54855	40.456	ug/l	98
56) Ethyl methacrylate	10.514	69	64396	39.183	ug/l	100
57) 1,3-Dichloropropane	10.795	76	91779	41.631	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	174267	222.723	ug/l	100
59) 2-Hexanone	10.831	43	129951	207.087	ug/l	99
60) Dibromochloromethane	10.990	129	67088	41.823	ug/l	100
61) 1,2-Dibromoethane	11.093	107	51482	41.201	ug/l	99
64) Tetrachloroethene	10.721	164	87810	41.336	ug/l	99
65) Chlorobenzene	11.520	112	197209	41.980	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	73484	41.754	ug/l	100
67) Ethyl Benzene	11.593	91	355254	43.121	ug/l	97
68) m/p-Xylenes	11.703	106	281194	86.861	ug/l	98
69) o-Xylene	12.032	106	130598	43.484	ug/l	99
70) Styrene	12.044	104	215515	43.231	ug/l	99
71) Bromoform	12.209	173	40664	41.696	ug/l #	97
73) Isopropylbenzene	12.331	105	338859	44.511	ug/l	99
74) N-amyl acetate	12.148	43	56824	42.320	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	56392	43.136	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	72716	74.686	ug/l #	100
77) Bromobenzene	12.611	156	78840	42.764	ug/l	98
78) n-propylbenzene	12.672	91	412425	45.149	ug/l	99
79) 2-Chlorotoluene	12.758	91	225910	44.172	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	274496	45.005	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	17543	41.402	ug/l	99
82) 4-Chlorotoluene	12.855	91	228820	43.743	ug/l	98
83) tert-Butylbenzene	13.075	119	245267	45.794	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	268939	44.664	ug/l	100
85) sec-Butylbenzene	13.258	105	367871	44.926	ug/l	100
86) p-Isopropyltoluene	13.373	119	301045	44.911	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	157292	42.505	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	152430	42.369	ug/l	99
89) n-Butylbenzene	13.696	91	274216	44.838	ug/l	99
90) Hexachloroethane	13.965	117	58412	43.466	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	133661	42.702	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7119	38.736	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	68029	41.146	ug/l	98
94) Hexachlorobutadiene	15.111	225	41938	41.084	ug/l	99
95) Naphthalene	15.239	128	110340	35.660	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	55884	39.400	ug/l	99

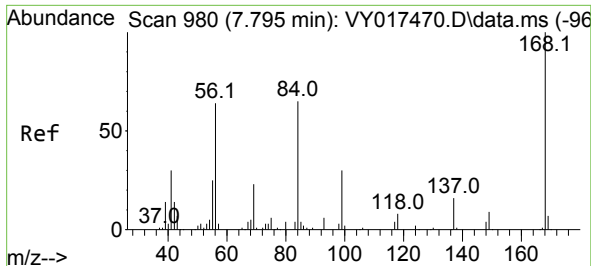
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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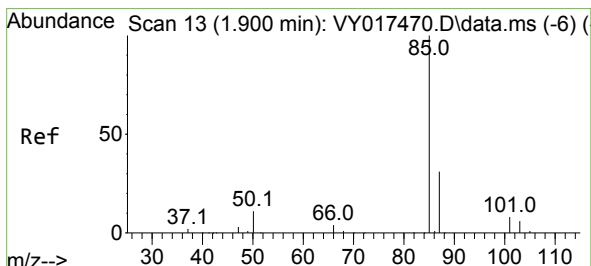
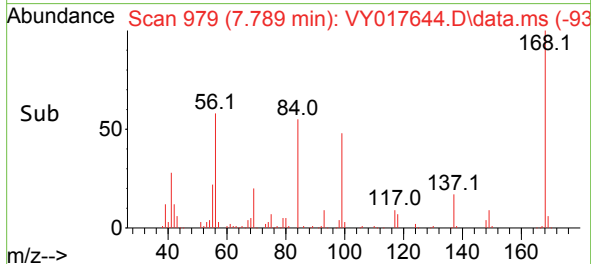
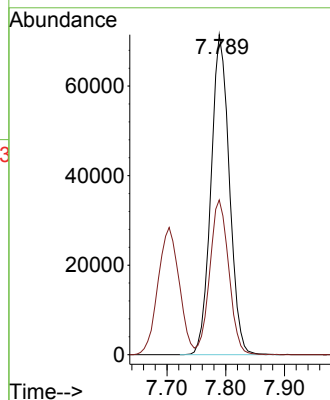
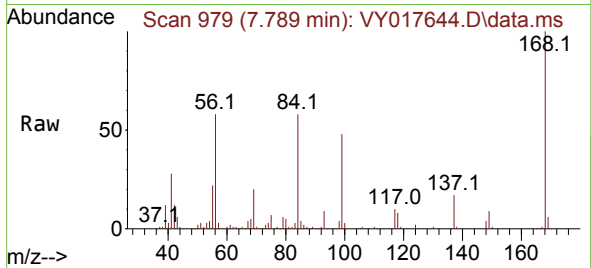
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

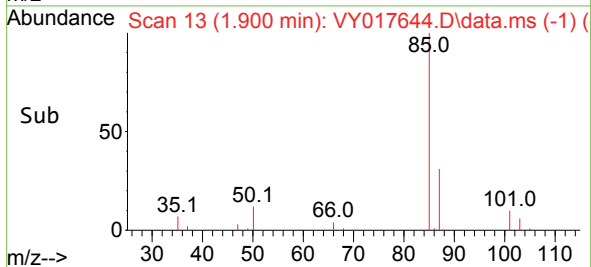
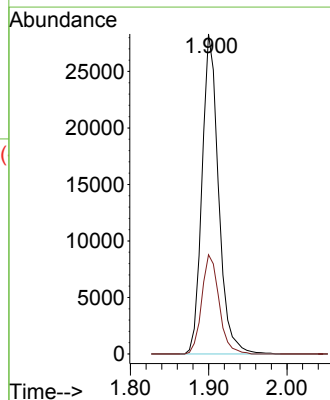
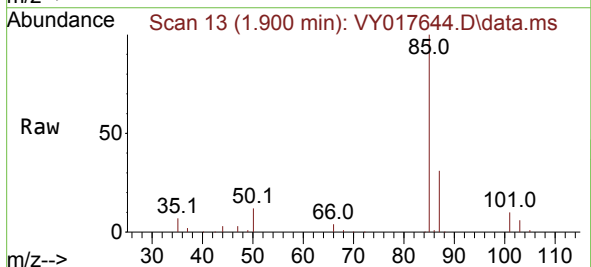
Instrument :
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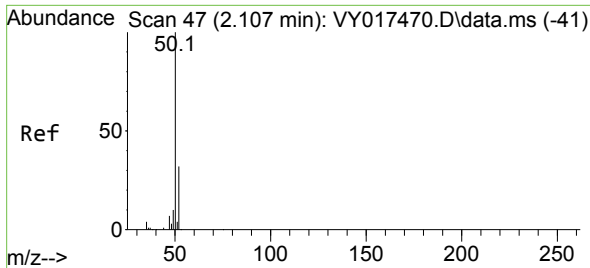
Tgt Ion:168 Resp: 155493
Ion Ratio Lower Upper
168 100
99 48.4 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 36.222 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 85 Resp: 41547
Ion Ratio Lower Upper
85 100
87 31.0 16.0 48.0

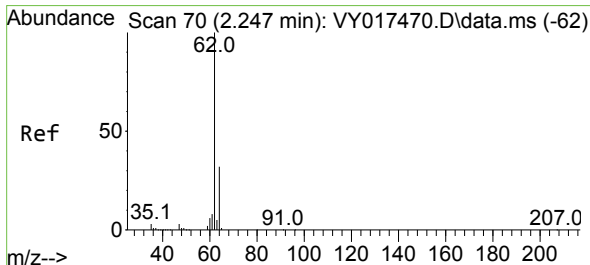
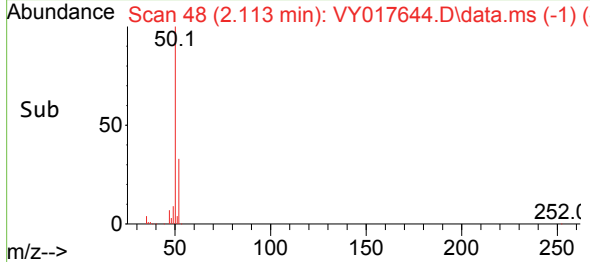
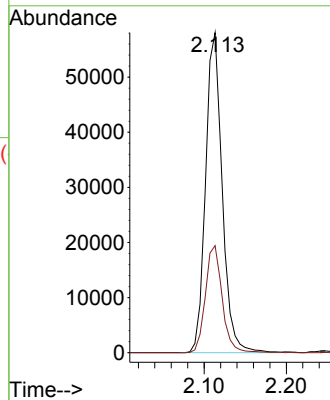
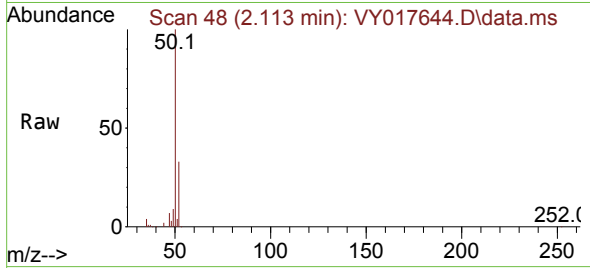




#3
Chloromethane
Concen: 38.905 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

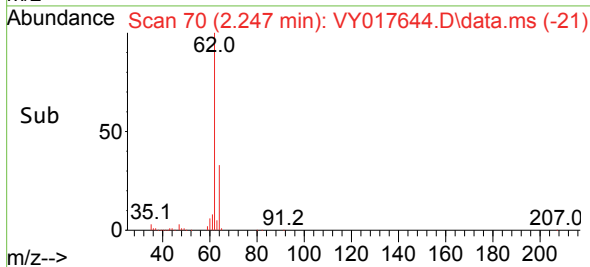
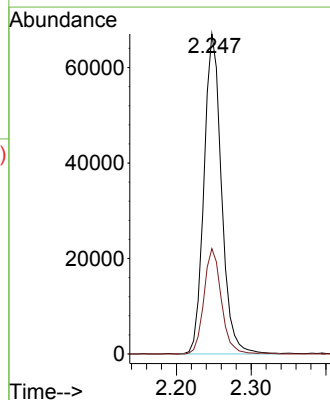
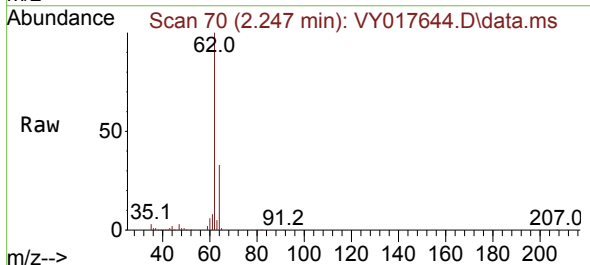
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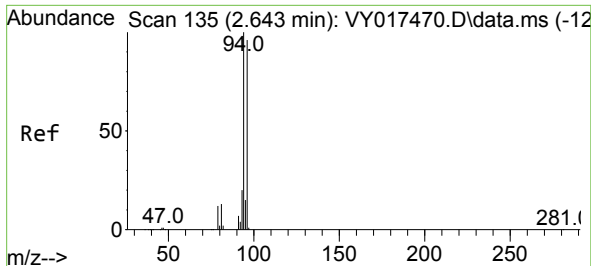
Tgt Ion: 50 Resp: 81534
Ion Ratio Lower Upper
50 100
52 33.4 25.6 38.4



#4
Vinyl Chloride
Concen: 40.604 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 62 Resp: 109167
Ion Ratio Lower Upper
62 100
64 32.9 26.1 39.1

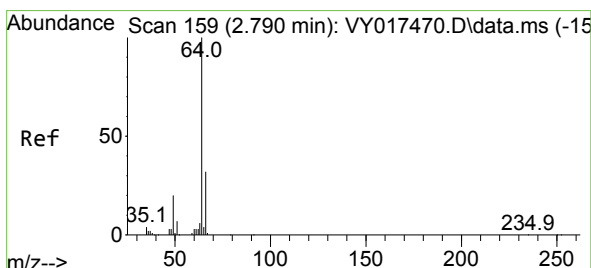
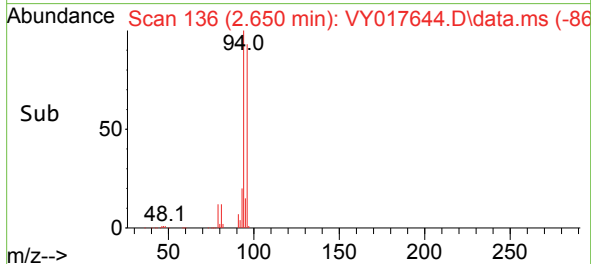
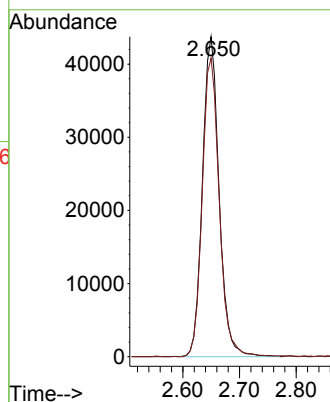
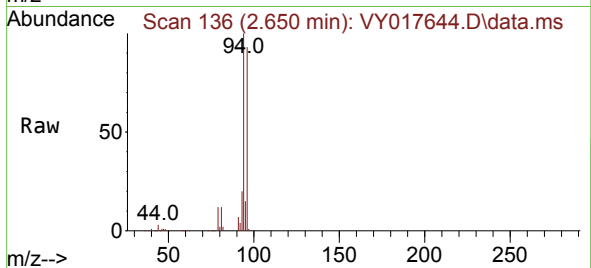




#5
Bromomethane
Concen: 40.726 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

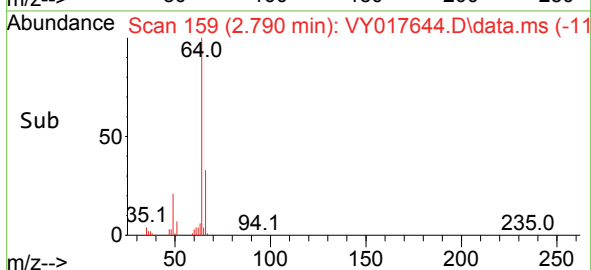
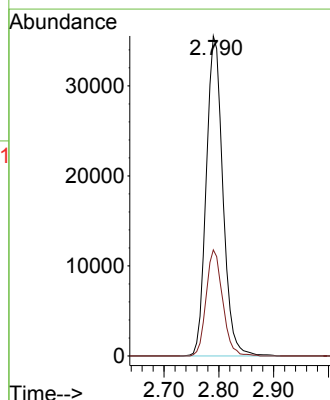
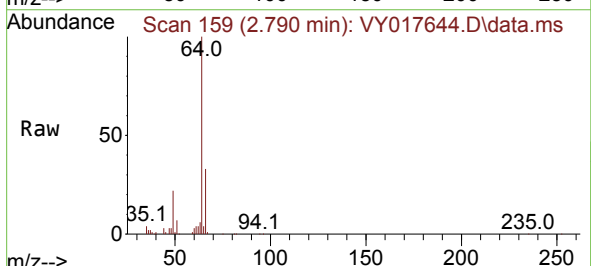
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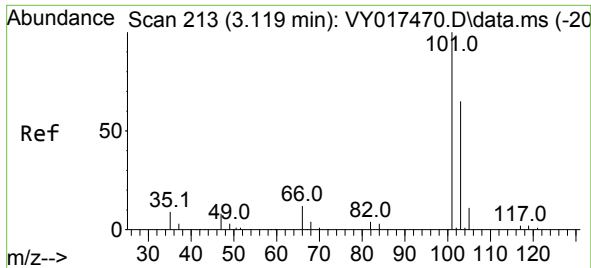
Tgt Ion: 94 Resp: 89231
Ion Ratio Lower Upper
94 100
96 93.3 74.1 111.1



#6
Chloroethane
Concen: 43.929 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 64 Resp: 74507
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1

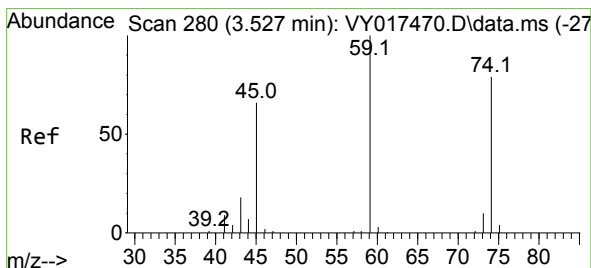
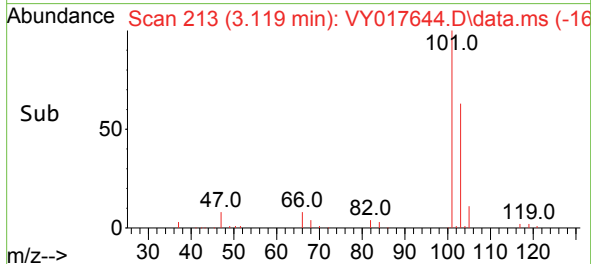
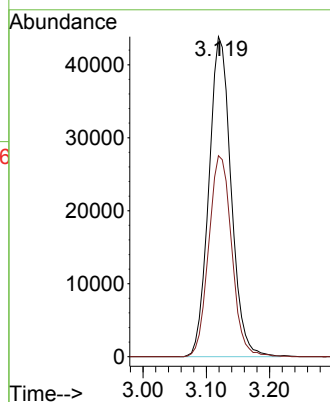
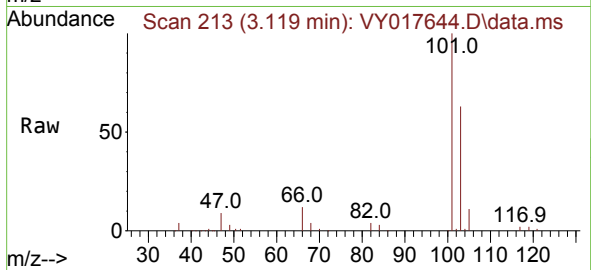




#7
 Trichlorofluoromethane
 Concen: 39.053 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017644.D
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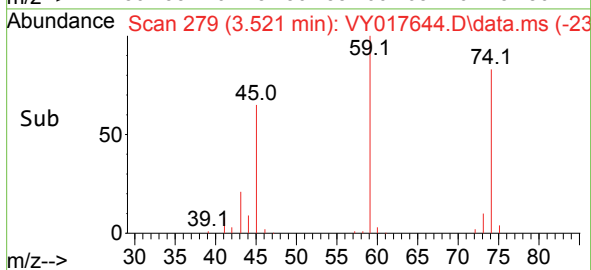
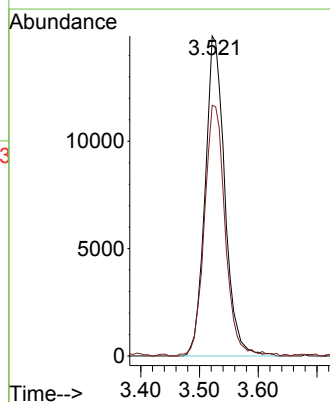
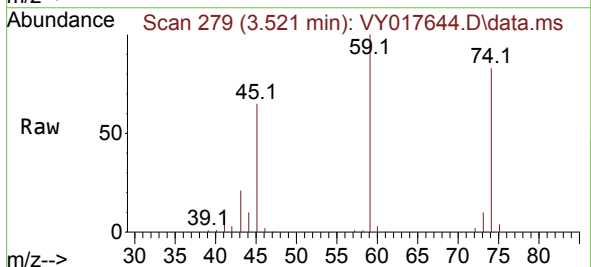
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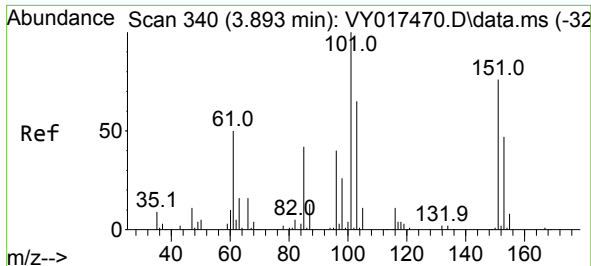
Tgt Ion:101 Resp: 107014
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 43.109 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY017644.D
 Acq: 12 Mar 2024 17:05

Tgt Ion: 74 Resp: 34647
 Ion Ratio Lower Upper
 74 100
 45 82.3 41.3 124.1

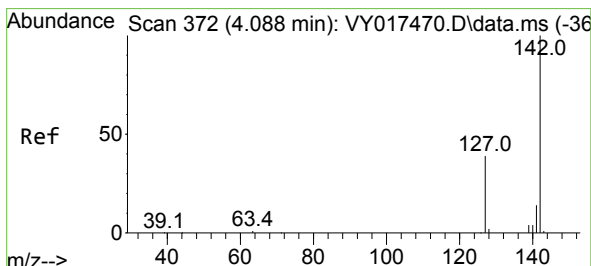
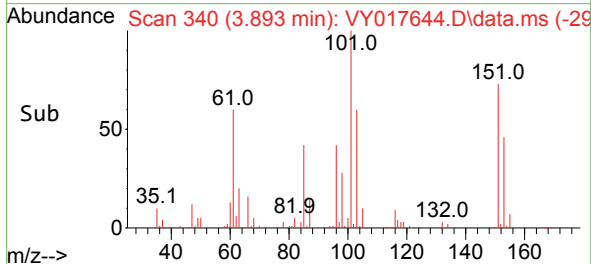
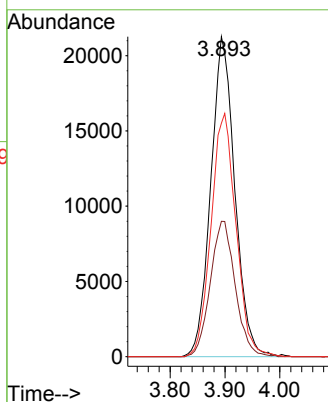
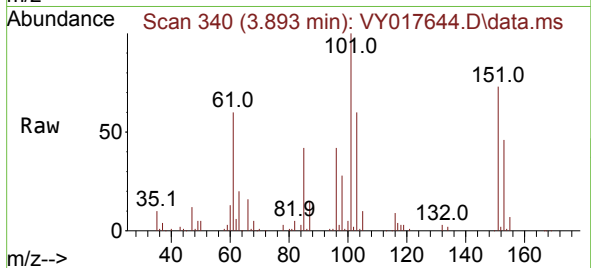




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.081 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY017644.D
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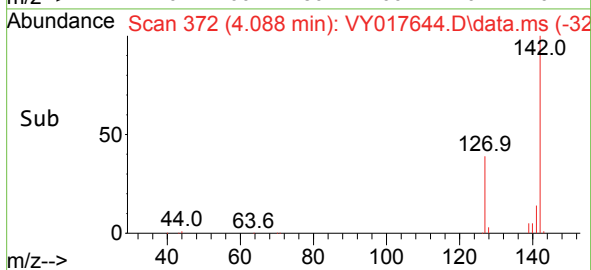
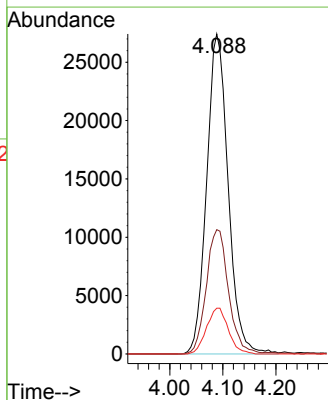
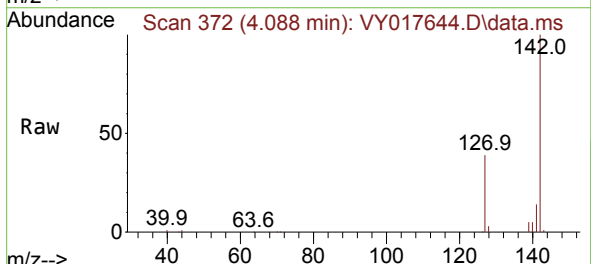
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ClientSampleId :
VSTDCCC050EC

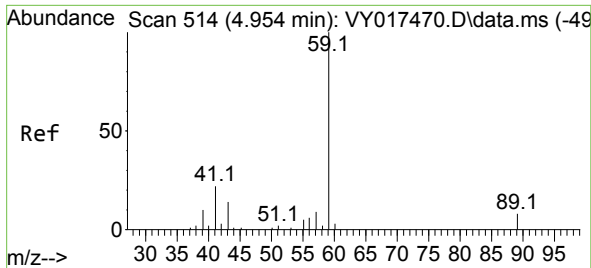
Tgt Ion:101 Resp: 64750
Ion Ratio Lower Upper
101 100
85 43.9 34.5 51.7
151 78.8 61.7 92.5



#10
Methyl Iodide
Concen: 43.641 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion:142 Resp: 77194
Ion Ratio Lower Upper
142 100
127 40.1 32.8 49.2
141 14.6 11.4 17.2

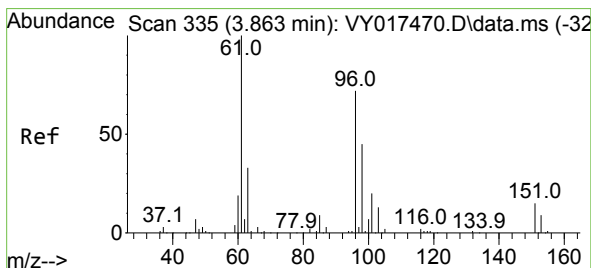
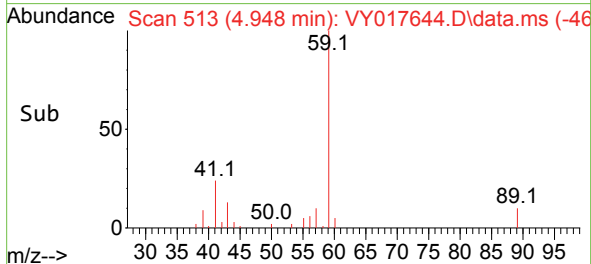
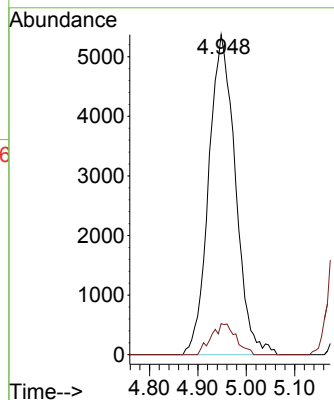
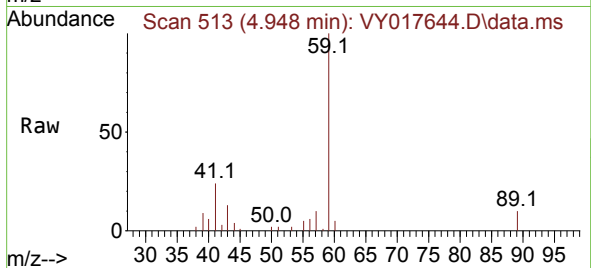




#11
Tert butyl alcohol
Concen: 164.222 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

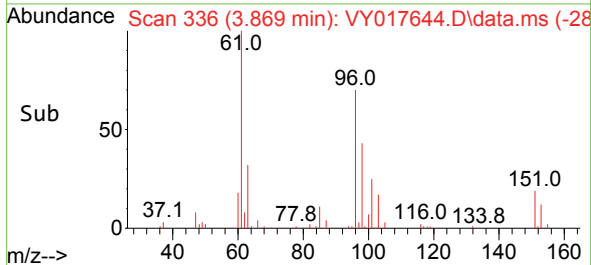
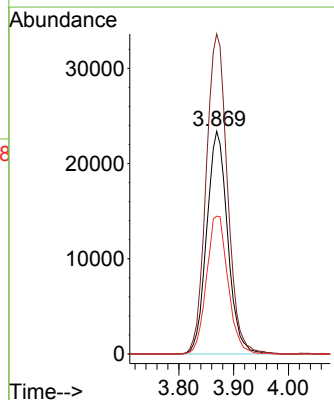
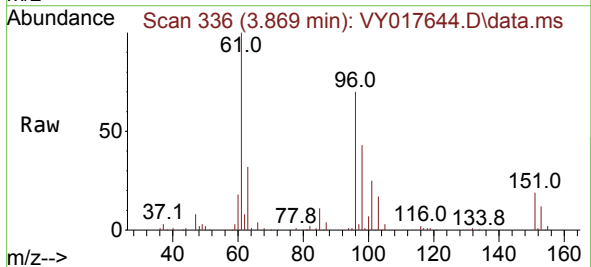
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

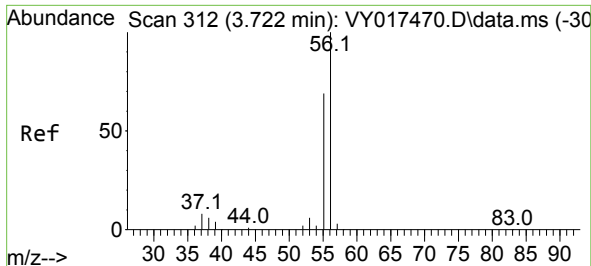
Tgt Ion: 59 Resp: 20557
Ion Ratio Lower Upper
59 100
57 9.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 42.234 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 96 Resp: 62037
Ion Ratio Lower Upper
96 100
61 143.7 114.6 171.8
98 61.9 50.8 76.2

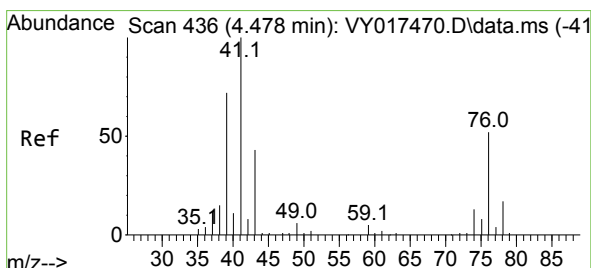
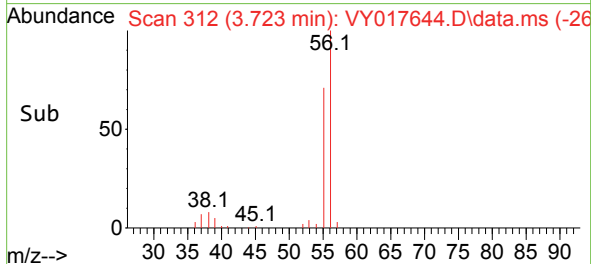
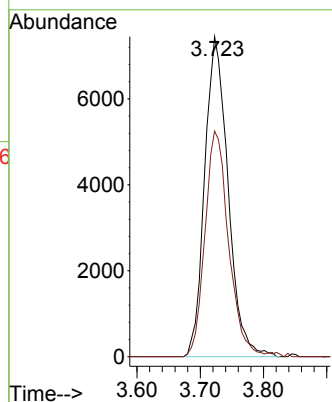
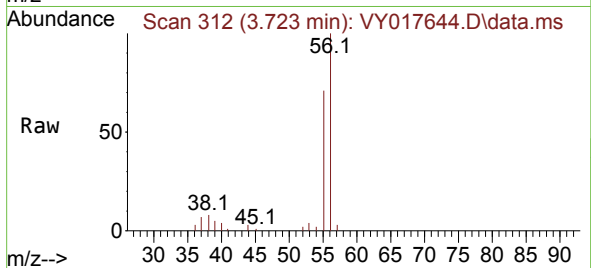




#13
Acrolein
Concen: 115.858 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

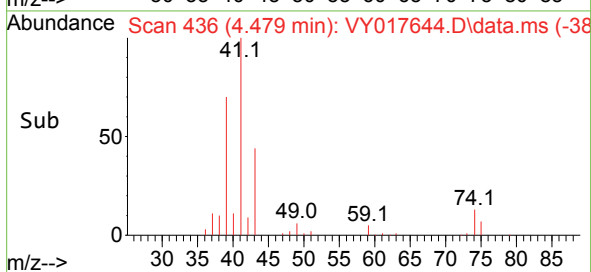
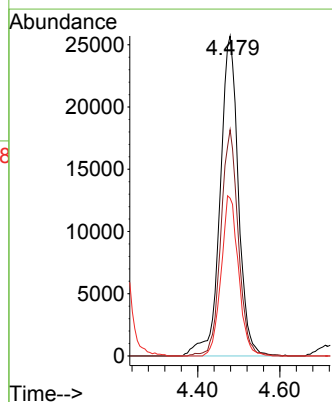
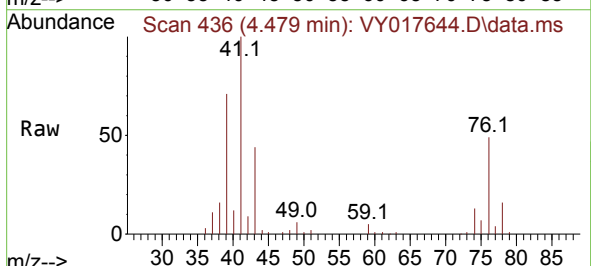
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

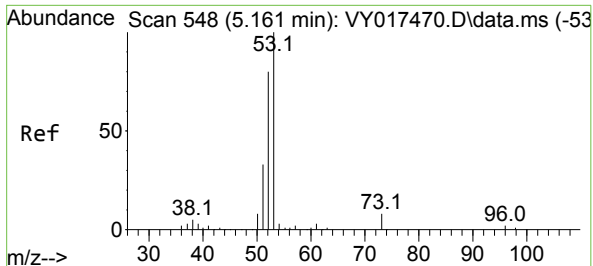
Tgt Ion: 56 Resp: 19136
Ion Ratio Lower Upper
56 100
55 71.1 55.7 83.5



#14
Allyl chloride
Concen: 44.642 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 41 Resp: 79233
Ion Ratio Lower Upper
41 100
39 67.7 58.3 87.5
76 47.5 39.0 58.6

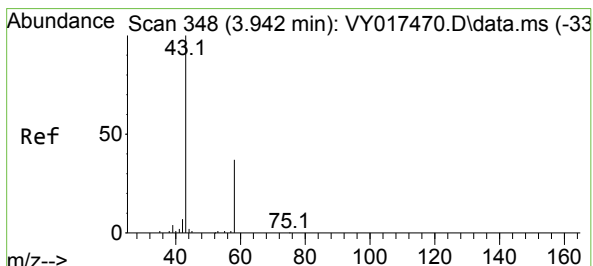
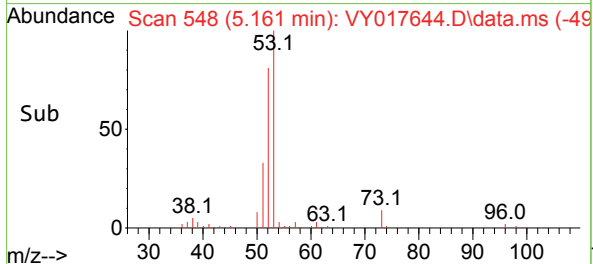
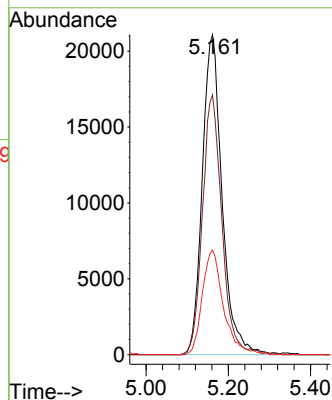
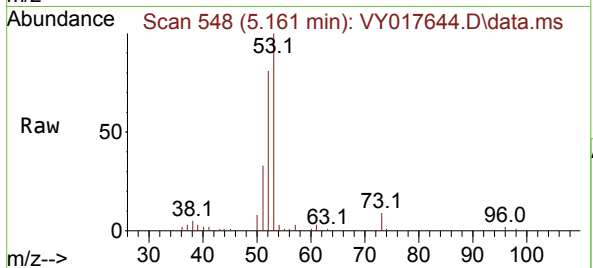




#15
Acrylonitrile
Concen: 213.736 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

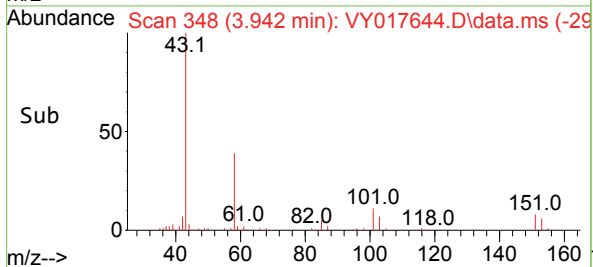
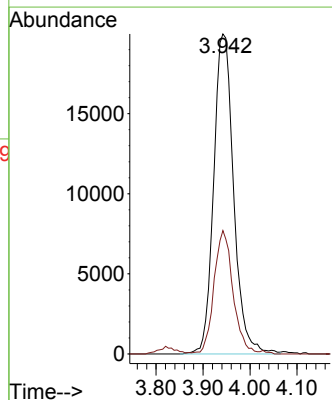
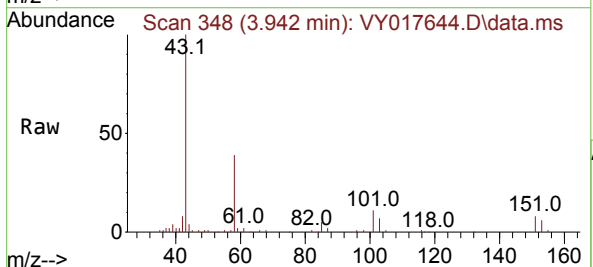
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

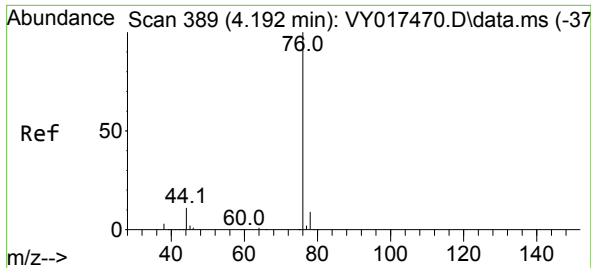
Tgt Ion: 53 Resp: 70615
Ion Ratio Lower Upper
53 100
52 79.3 64.7 97.1
51 34.9 28.4 42.6



#16
Acetone
Concen: 206.452 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 43 Resp: 59010
Ion Ratio Lower Upper
43 100
58 38.5 31.7 47.5

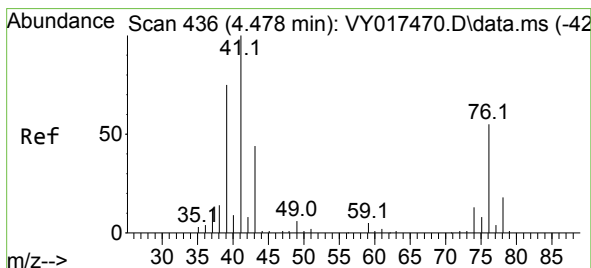
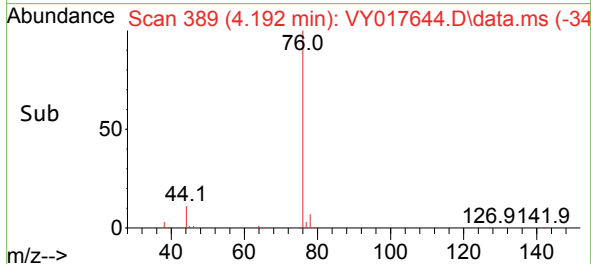
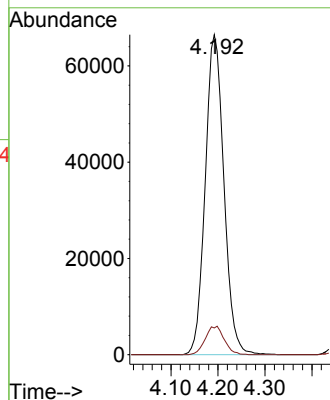
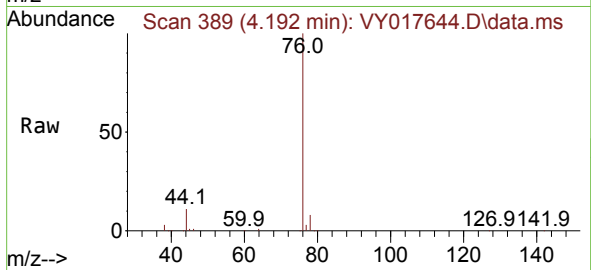




#17
Carbon Disulfide
Concen: 41.514 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

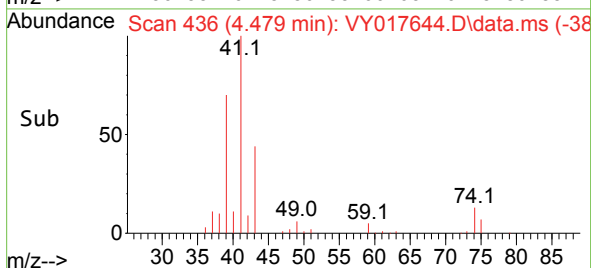
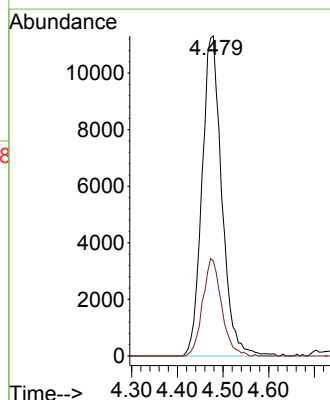
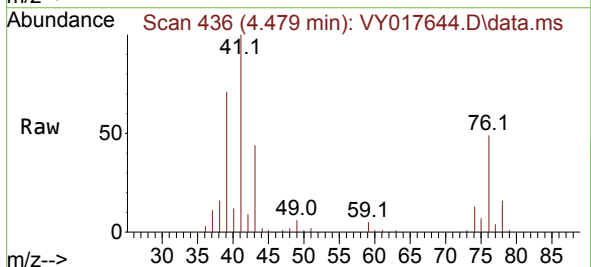
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

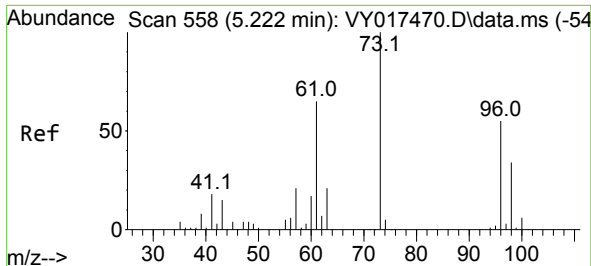
Tgt Ion: 76 Resp: 183031
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 49.067 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 43 Resp: 34025
Ion Ratio Lower Upper
43 100
74 29.0 23.3 34.9

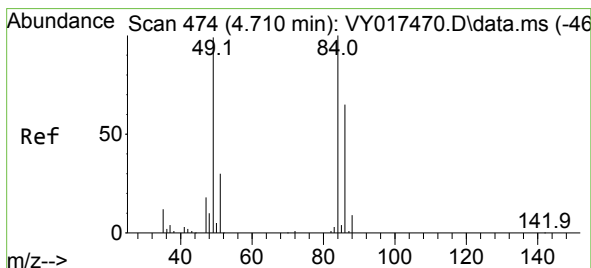
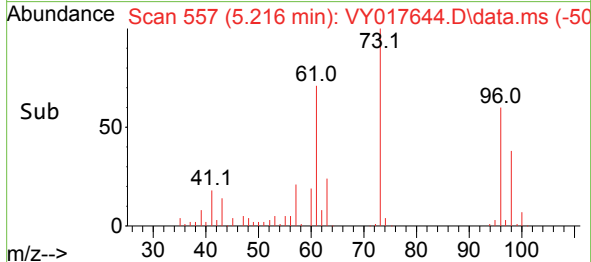
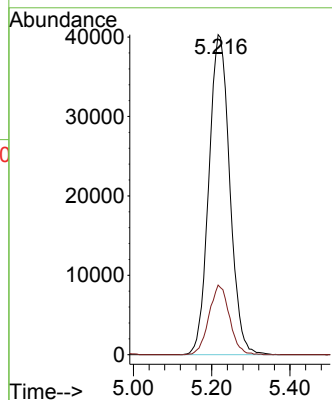
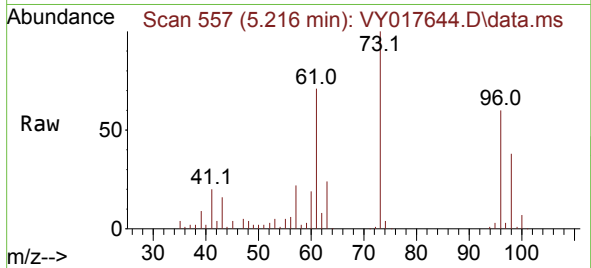




#19
Methyl tert-butyl Ether
Concen: 43.553 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

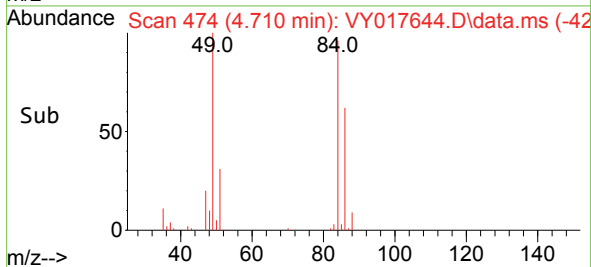
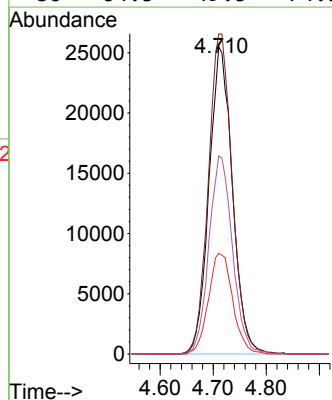
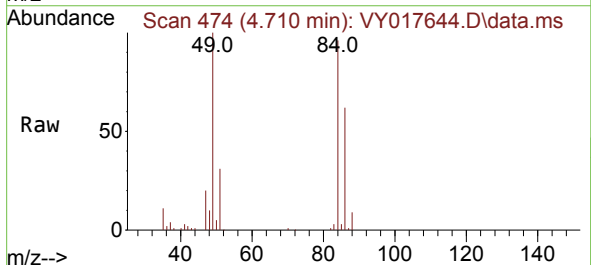
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

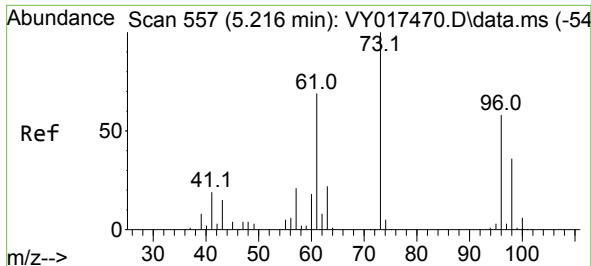
Tgt Ion: 73 Resp: 149110
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 45.961 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 84 Resp: 77926
Ion Ratio Lower Upper
84 100
49 104.2 84.4 126.6
51 32.8 26.0 39.0
86 64.5 49.5 74.3

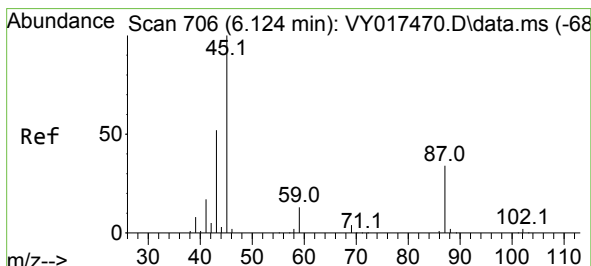
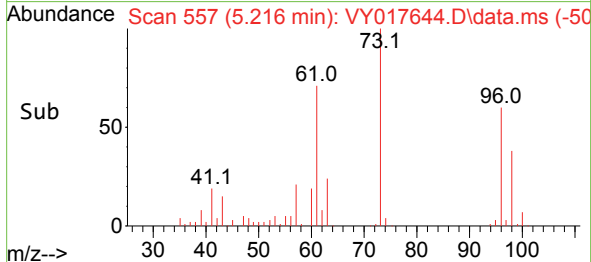
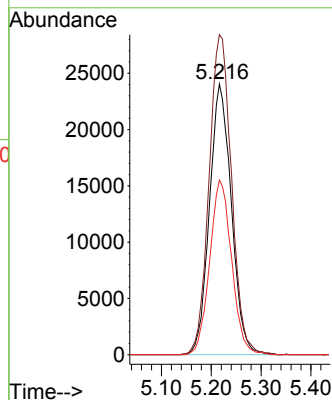
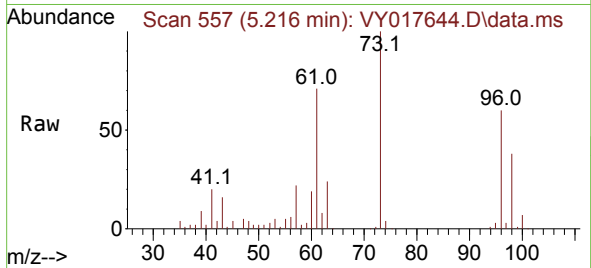




#21
trans-1,2-Dichloroethene
Concen: 42.675 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

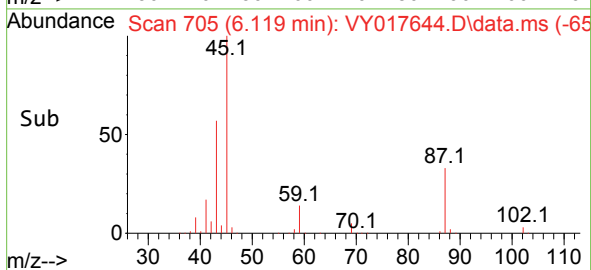
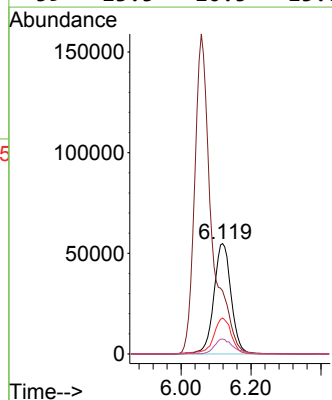
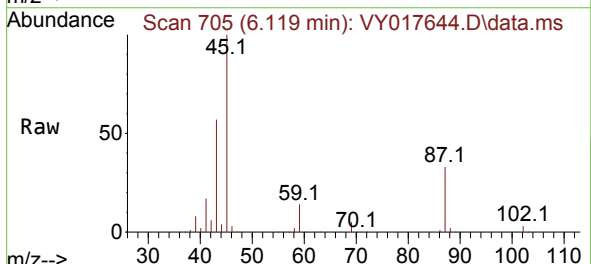
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

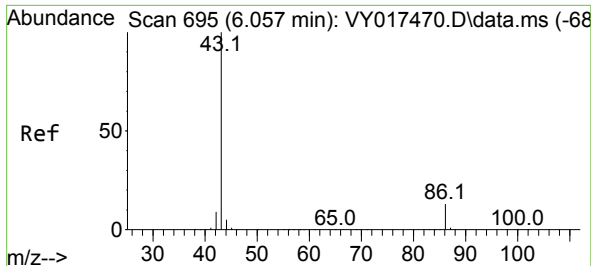
Tgt Ion: 96 Resp: 73395
Ion Ratio Lower Upper
96 100
61 118.2 97.5 146.3
98 64.5 50.5 75.7



#22
Diisopropyl ether
Concen: 45.777 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 45 Resp: 187486
Ion Ratio Lower Upper
45 100
43 56.9 42.2 63.2
87 32.6 25.0 37.6
59 13.5 10.5 15.7

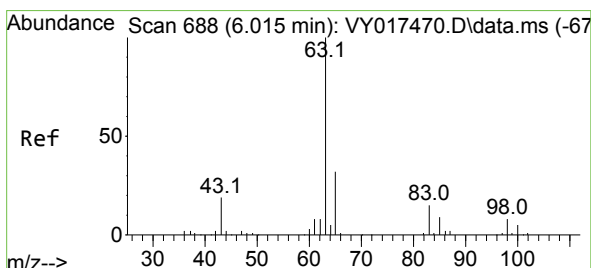
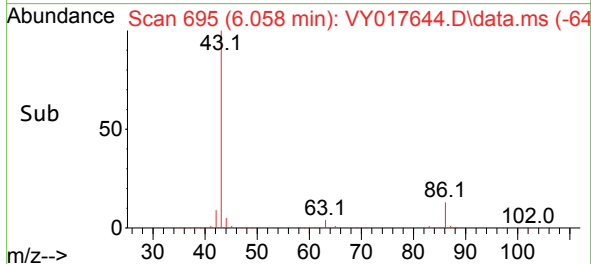
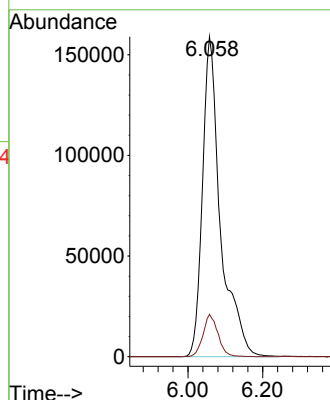
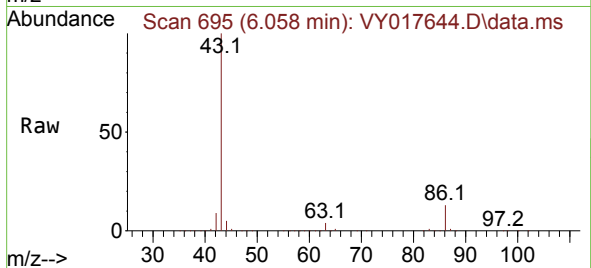




#23
 Vinyl Acetate
 Concen: 217.638 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017644.D
 Acq: 12 Mar 2024 17:05

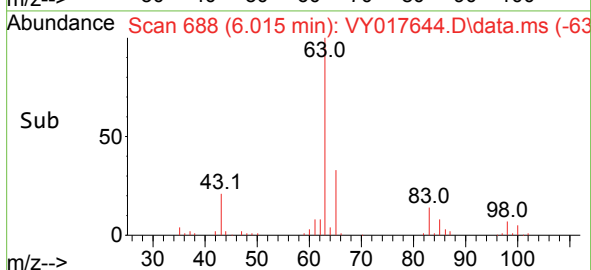
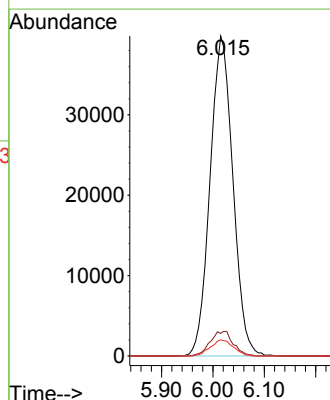
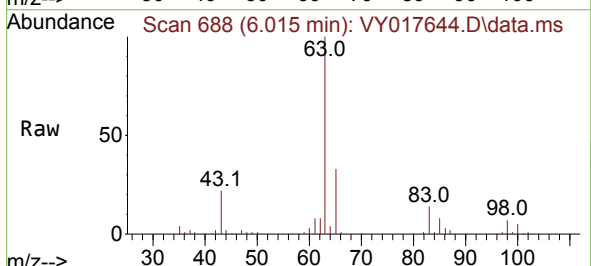
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

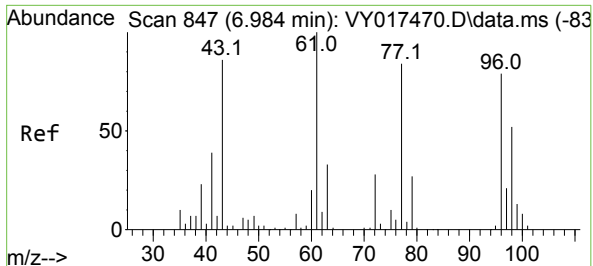
Tgt Ion: 43 Resp: 531153
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 43.975 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017644.D
 Acq: 12 Mar 2024 17:05

Tgt Ion: 63 Resp: 123044
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 5.1 2.6 8.0





#25

2-Butanone

Concen: 210.962 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

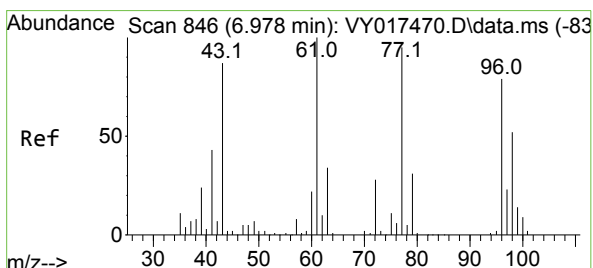
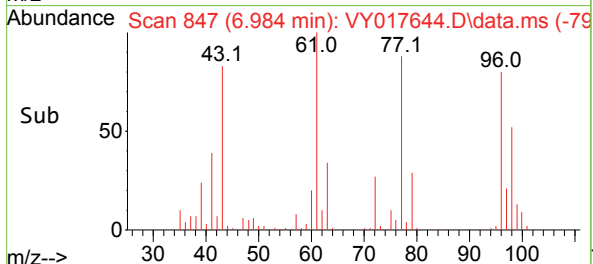
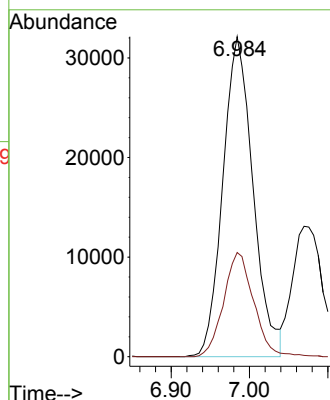
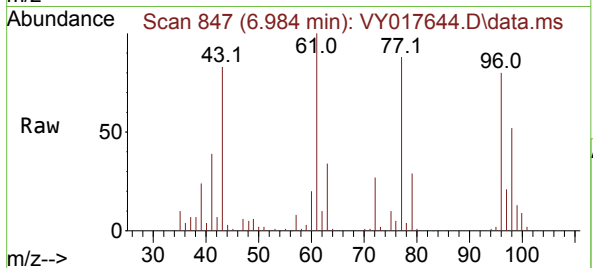
VSTDCCC050EC

Tgt Ion: 43 Resp: 85934

Ion Ratio Lower Upper

43 100

72 32.5 27.3 40.9



#26

2,2-Dichloropropane

Concen: 43.485 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017644.D

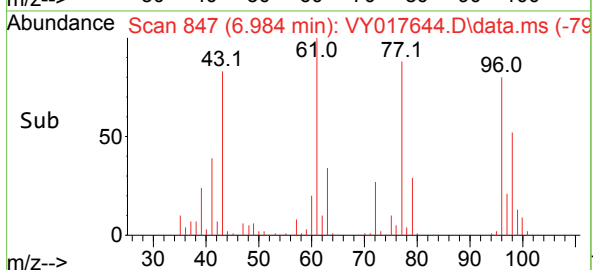
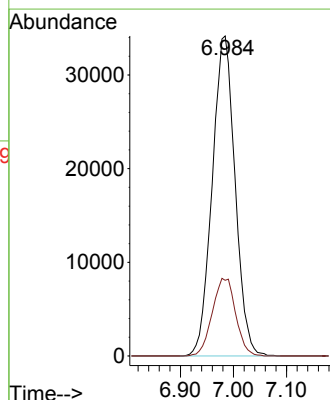
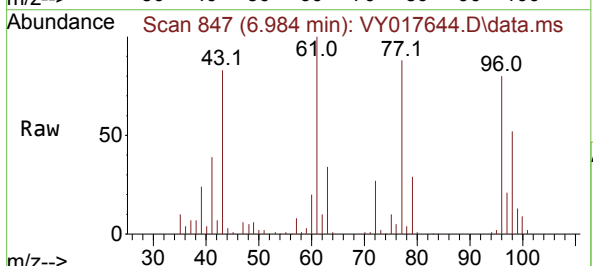
Acq: 12 Mar 2024 17:05

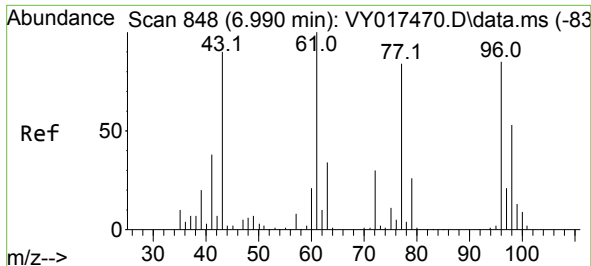
Tgt Ion: 77 Resp: 102299

Ion Ratio Lower Upper

77 100

97 24.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 43.937 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

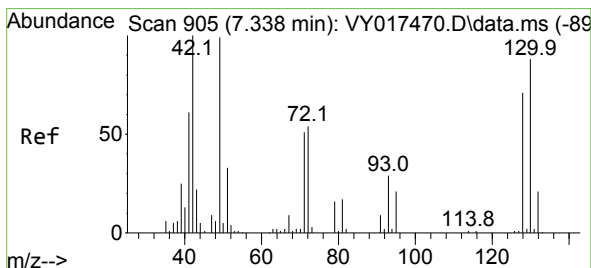
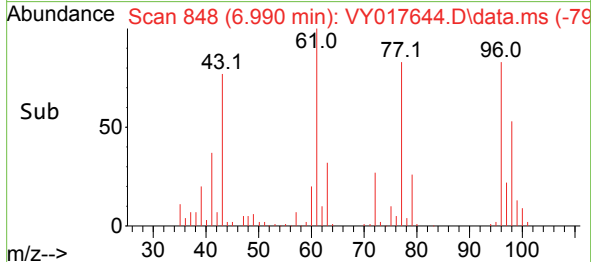
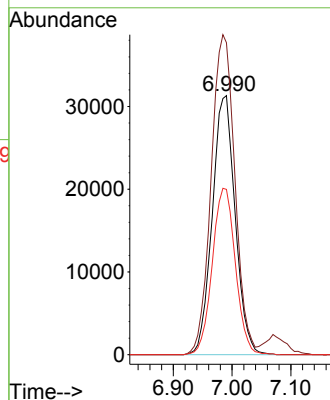
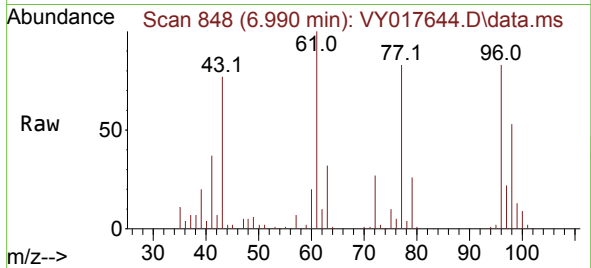
Tgt Ion: 96 Resp: 84844

Ion Ratio Lower Upper

96 100

61 128.2 0.0 256.2

98 64.8 0.0 130.0



#28

Bromochloromethane

Concen: 44.376 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

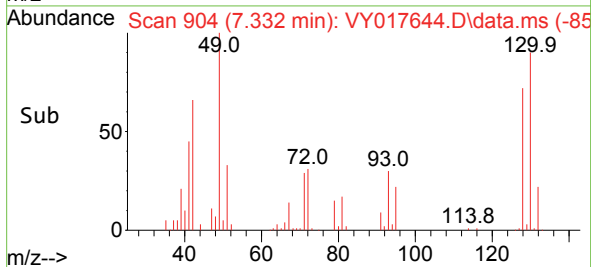
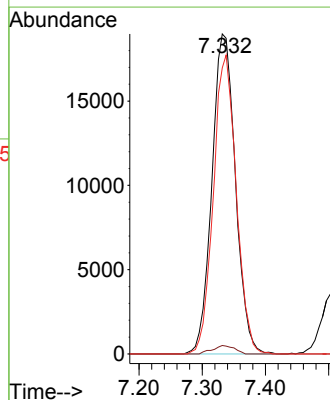
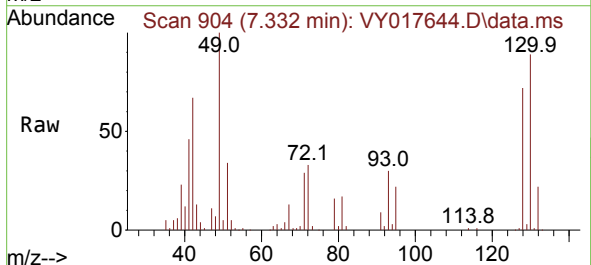
Tgt Ion: 49 Resp: 48901

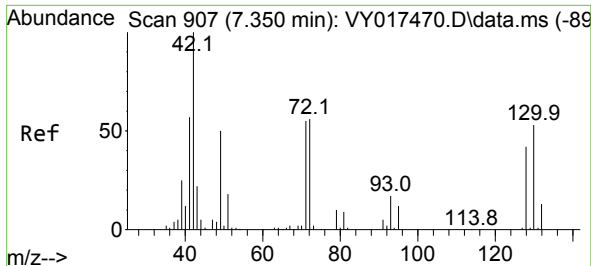
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 90.8 72.7 109.1





#29

Tetrahydrofuran

Concen: 214.629 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

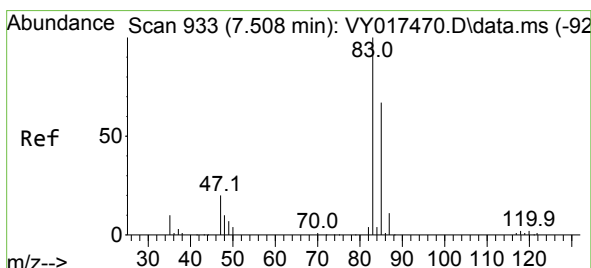
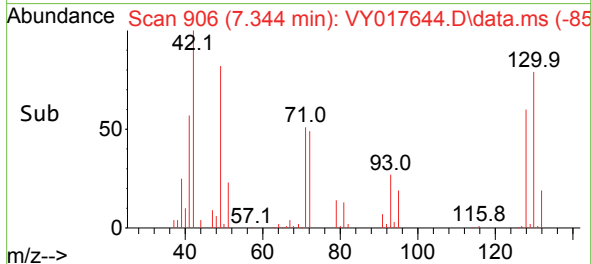
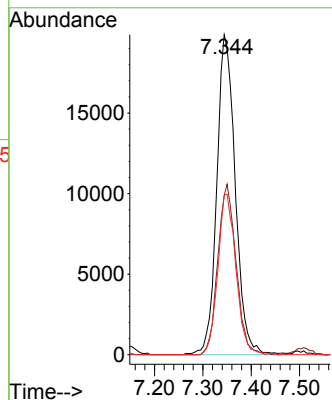
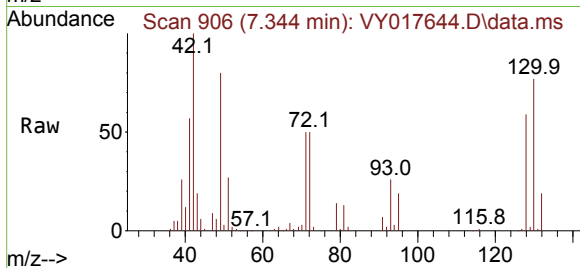
Tgt Ion: 42 Resp: 52702

Ion Ratio Lower Upper

42 100

72 52.5 43.0 64.4

71 48.9 40.8 61.2



#30

Chloroform

Concen: 43.952 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017644.D

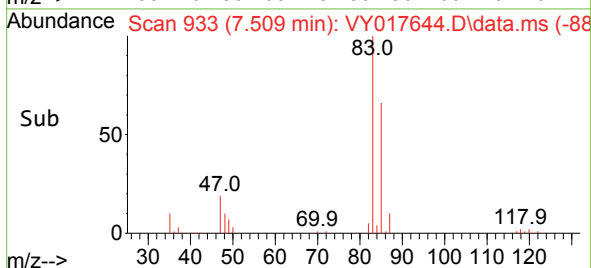
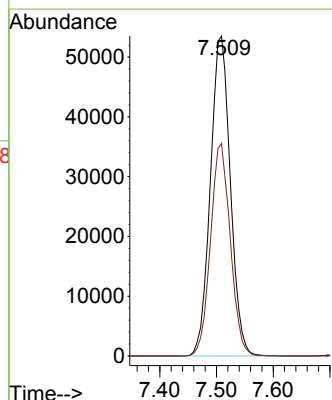
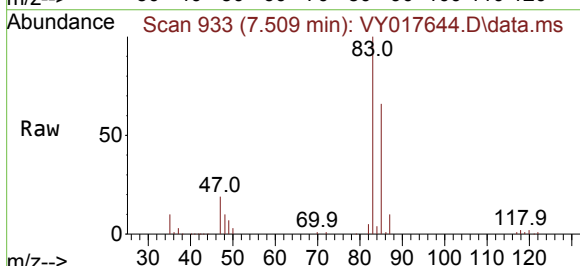
Acq: 12 Mar 2024 17:05

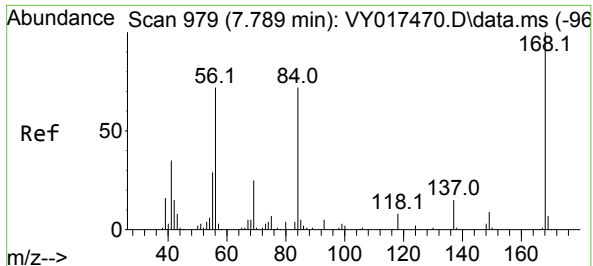
Tgt Ion: 83 Resp: 130932

Ion Ratio Lower Upper

83 100

85 66.5 52.2 78.4

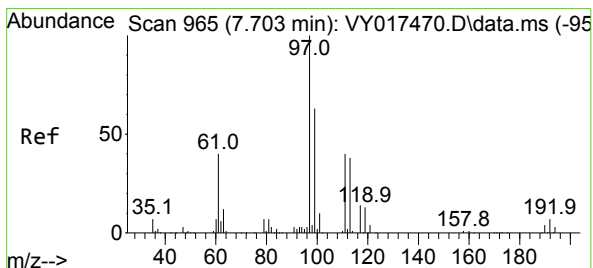
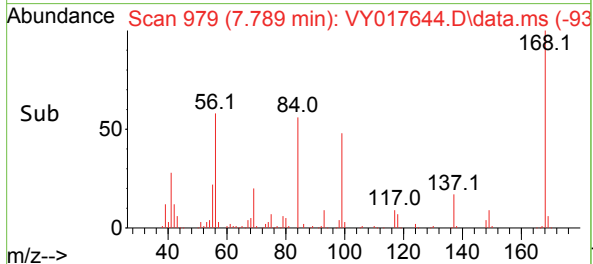
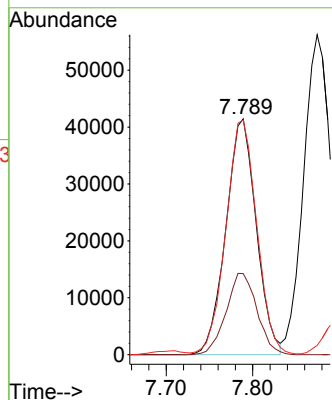
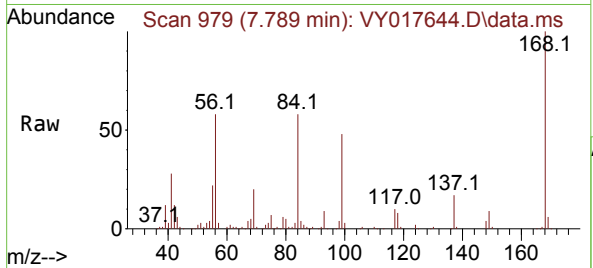




#31
Cyclohexane
Concen: 42.209 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

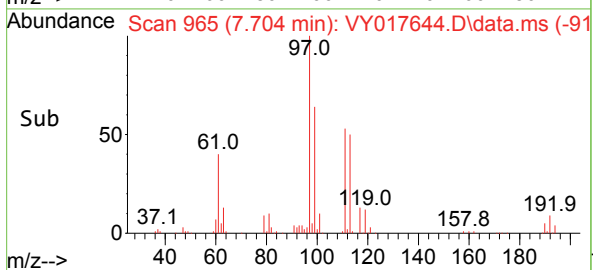
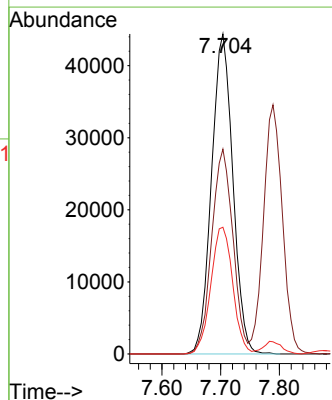
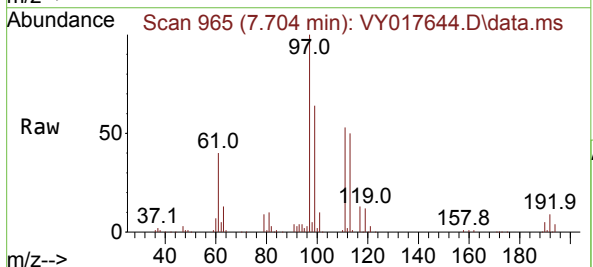
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

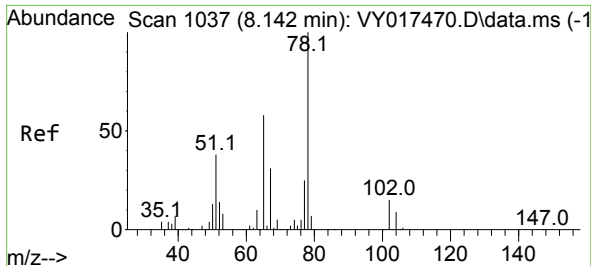
Tgt Ion: 56 Resp: 101226
Ion Ratio Lower Upper
56 100
69 34.4 28.7 43.1
84 98.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 43.286 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 97 Resp: 111952
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 40.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 47.982 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

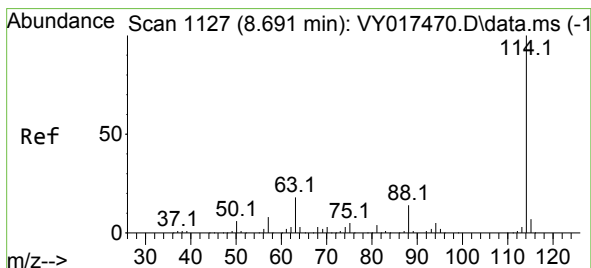
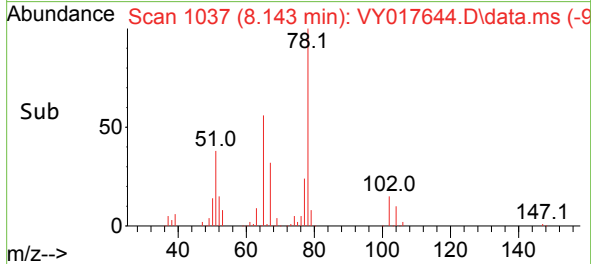
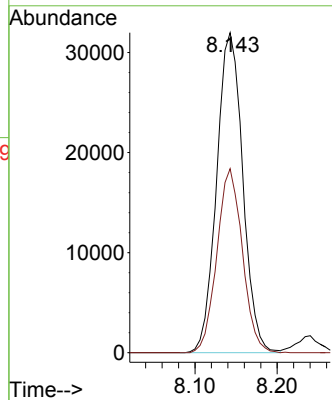
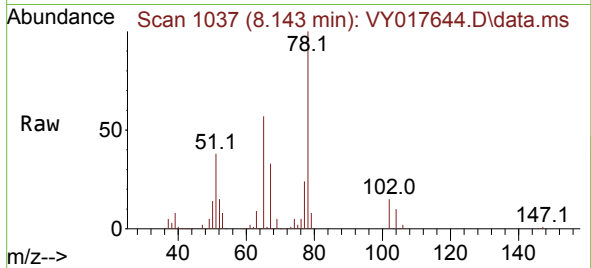
VSTDCCC050EC

Tgt Ion: 65 Resp: 70709

Ion Ratio Lower Upper

65 100

67 56.0 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: VY017644.D

Acq: 12 Mar 2024 17:05

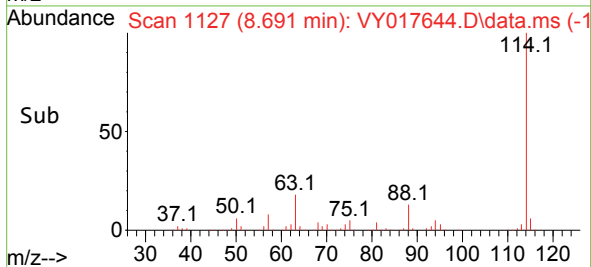
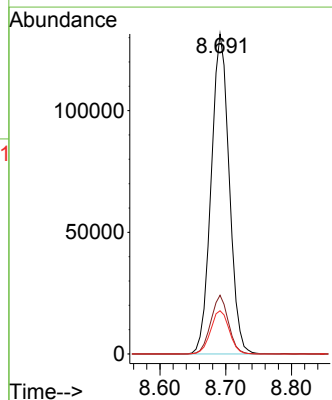
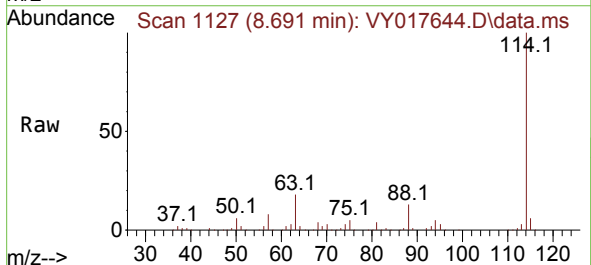
Tgt Ion: 114 Resp: 251207

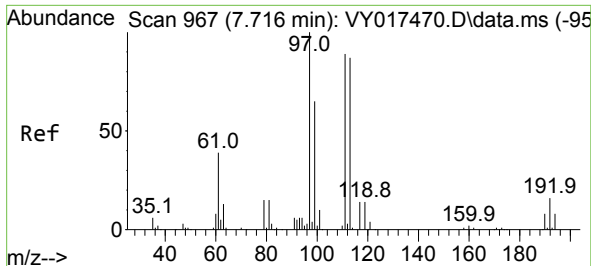
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 13.5 0.0 27.2

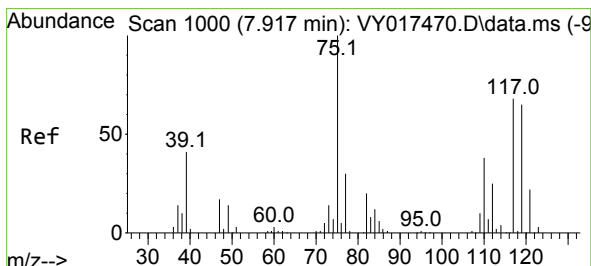
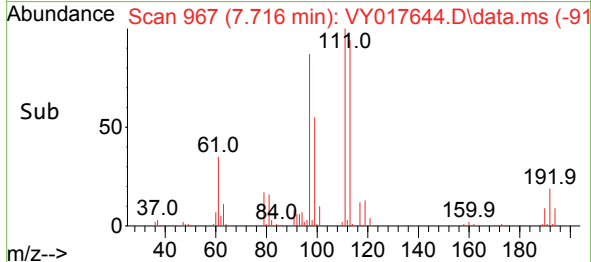
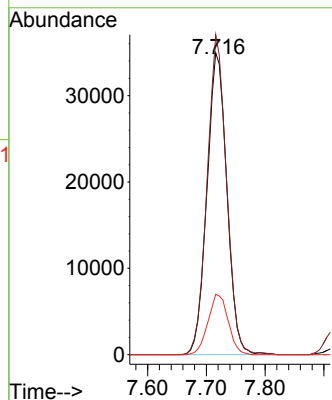
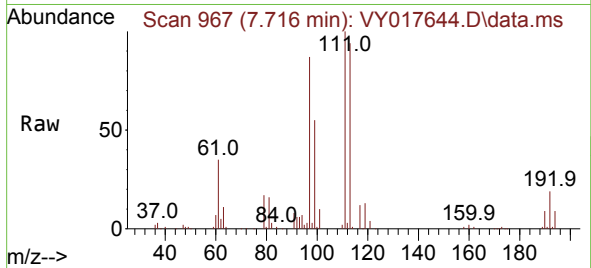




#35
Dibromofluoromethane
Concen: 47.080 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

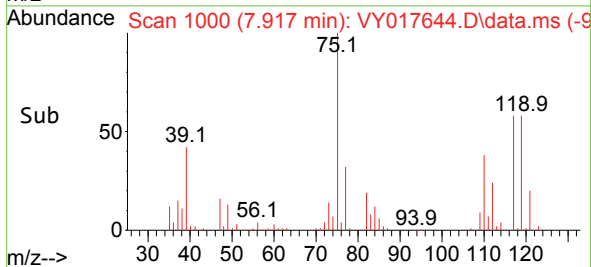
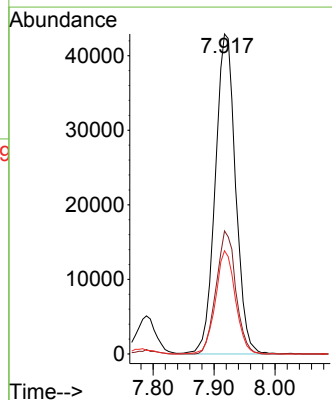
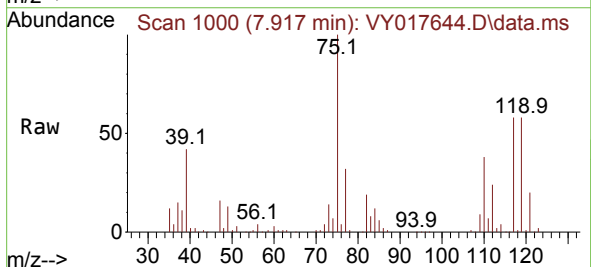
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

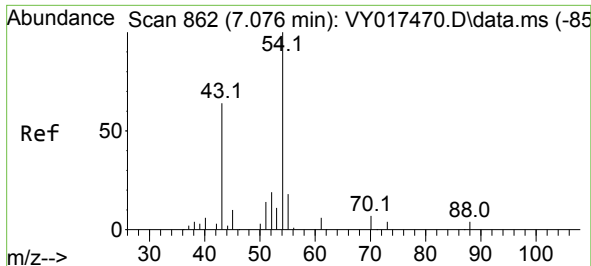
Tgt Ion:113 Resp: 82413
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 20.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 42.169 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 75 Resp: 99594
Ion Ratio Lower Upper
75 100
110 37.2 19.0 57.0
77 31.6 25.3 37.9

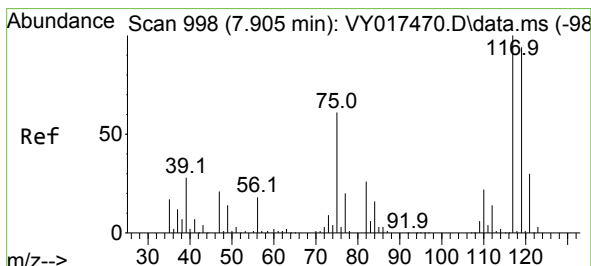
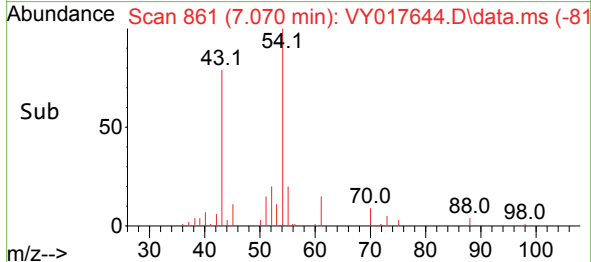
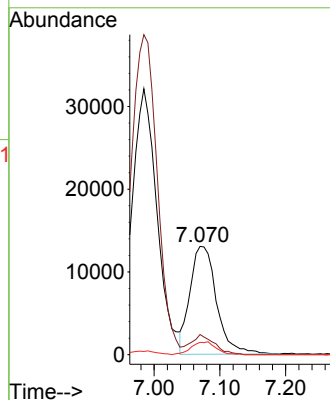
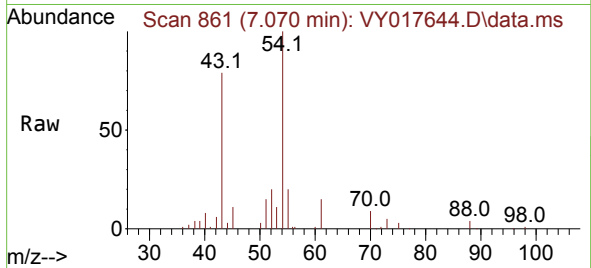




#37
Ethyl Acetate
Concen: 38.999 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

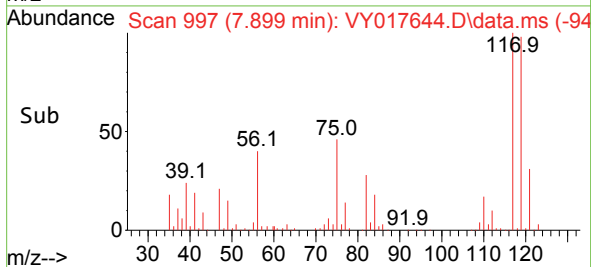
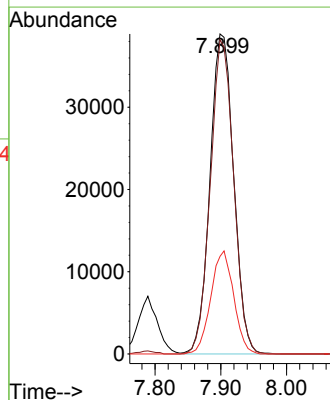
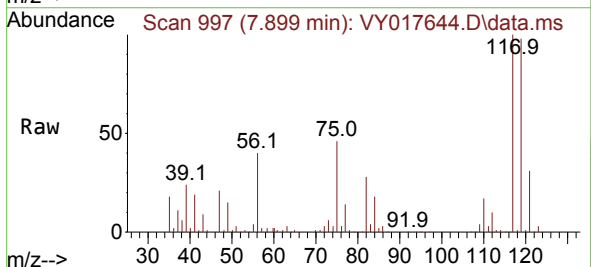
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

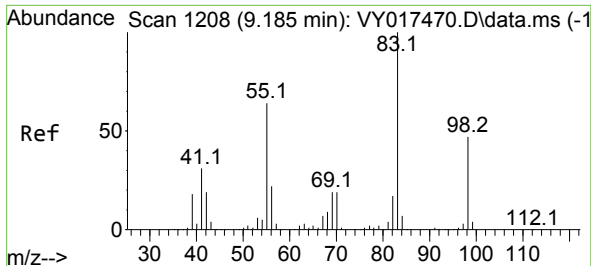
Tgt Ion: 43 Resp: 36379
Ion Ratio Lower Upper
43 100
61 16.1 12.6 19.0
70 11.1 7.8 11.8



#38
Carbon Tetrachloride
Concen: 41.203 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 117 Resp: 97530
Ion Ratio Lower Upper
117 100
119 98.2 75.8 113.6
121 30.5 24.0 36.0





#39

Methylcyclohexane

Concen: 42.594 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

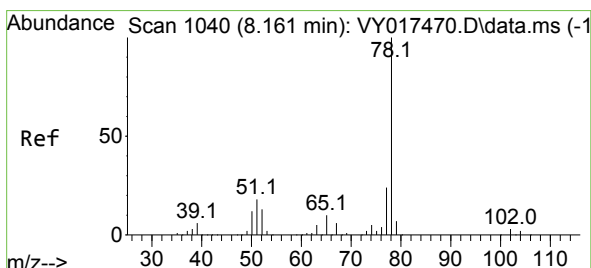
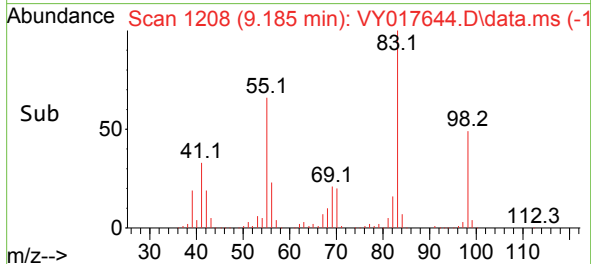
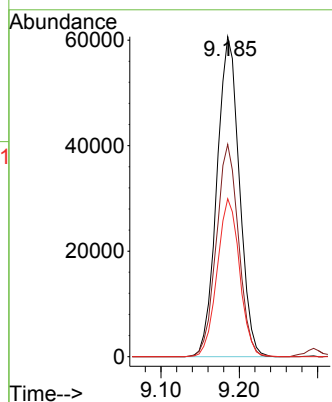
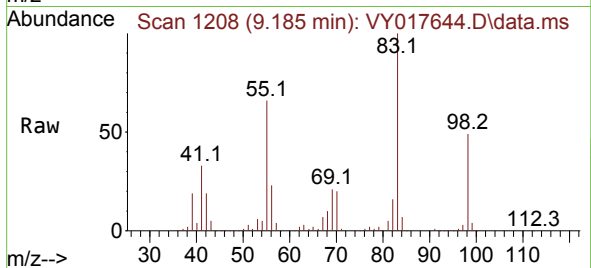
Tgt Ion: 83 Resp: 120896

Ion Ratio Lower Upper

83 100

55 66.4 51.5 77.3

98 49.3 40.5 60.7



#40

Benzene

Concen: 42.236 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017644.D

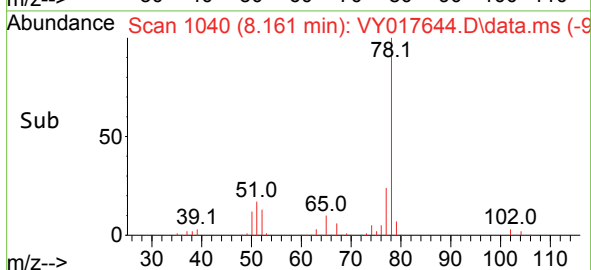
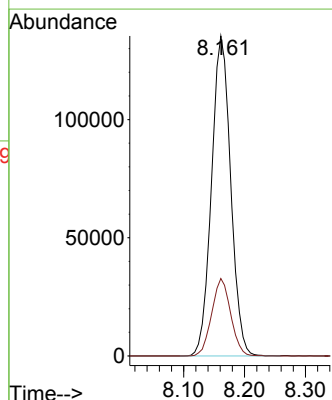
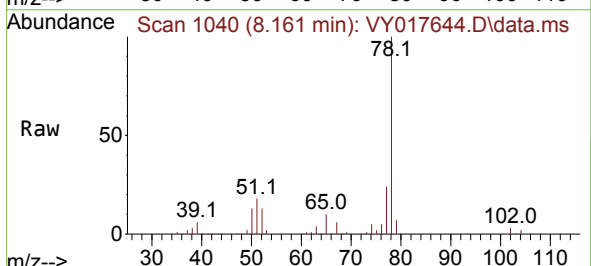
Acq: 12 Mar 2024 17:05

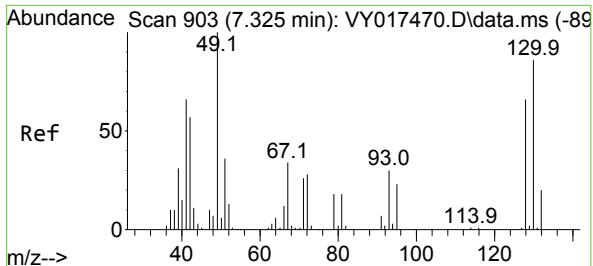
Tgt Ion: 78 Resp: 296240

Ion Ratio Lower Upper

78 100

77 24.2 19.5 29.3

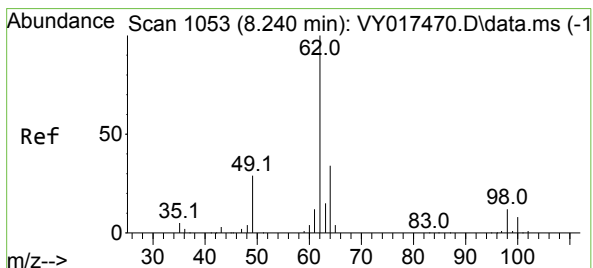
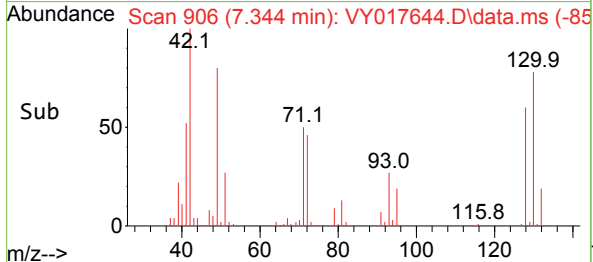
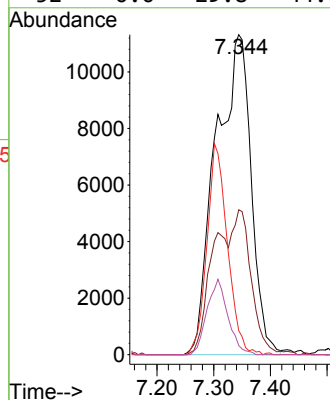
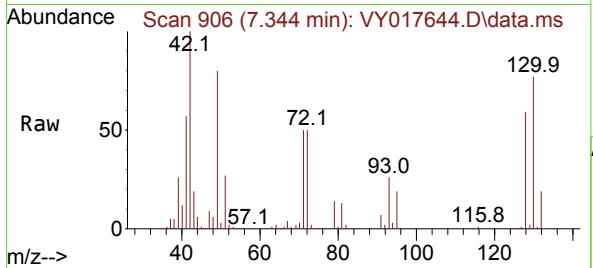




#41
Methacrylonitrile
Concen: 103.990 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.019 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

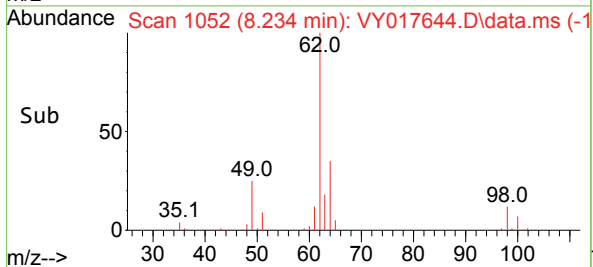
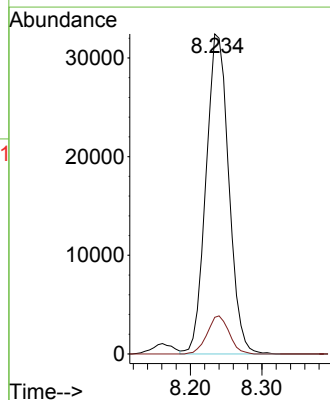
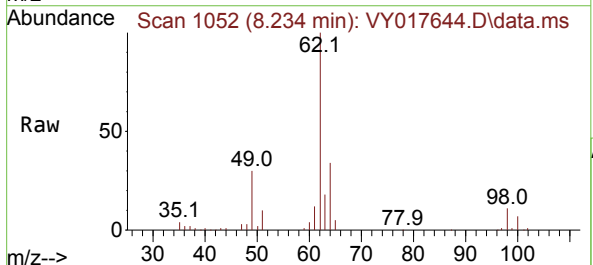
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

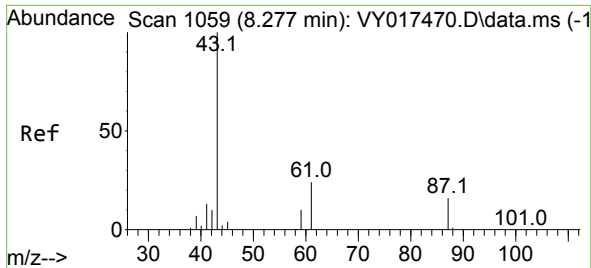
Tgt Ion: 41 Resp: 48678
Ion Ratio Lower Upper
41 100
39 22.2 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 41.927 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 62 Resp: 71749
Ion Ratio Lower Upper
62 100
98 11.5 0.0 22.0

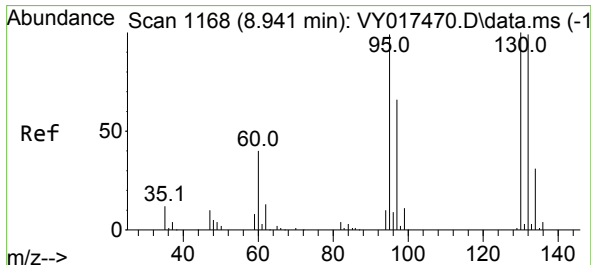
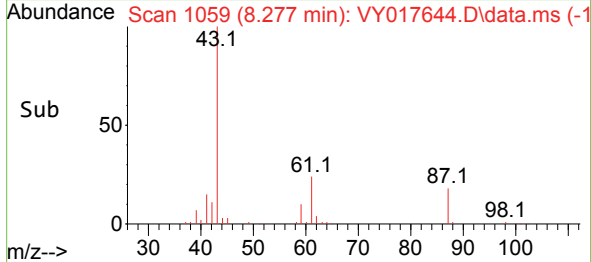
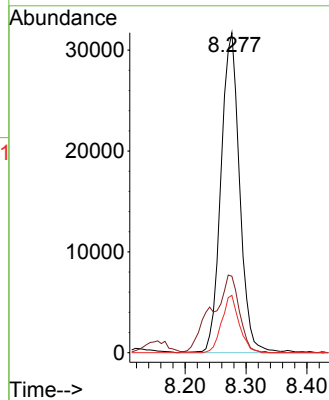
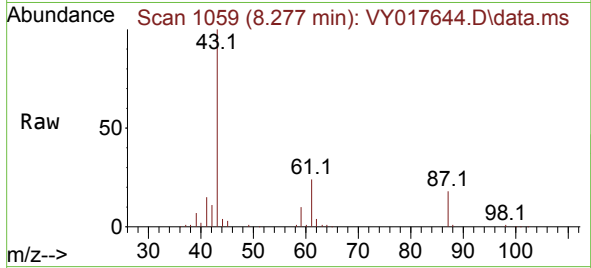




#43
Isopropyl Acetate
Concen: 41.103 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

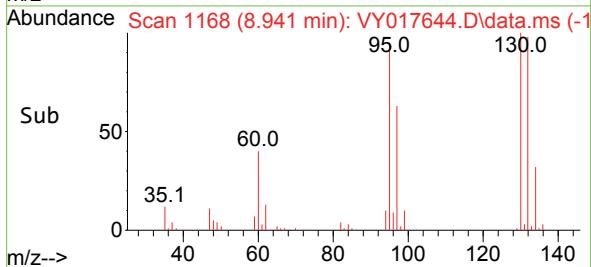
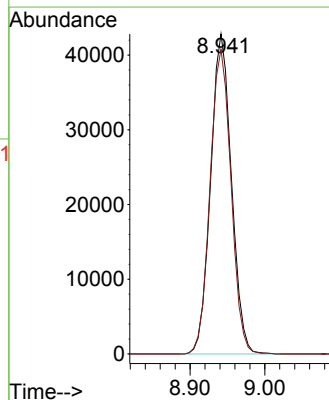
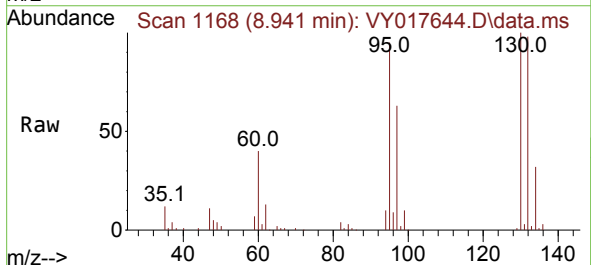
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

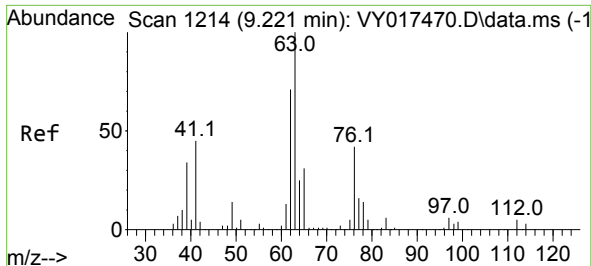
Tgt Ion: 43 Resp: 67376
Ion Ratio Lower Upper
43 100
61 22.6 27.9 41.9#
87 16.8 13.1 19.7



#44
Trichloroethene
Concen: 40.899 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 130 Resp: 82683
Ion Ratio Lower Upper
130 100
95 95.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 42.313 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

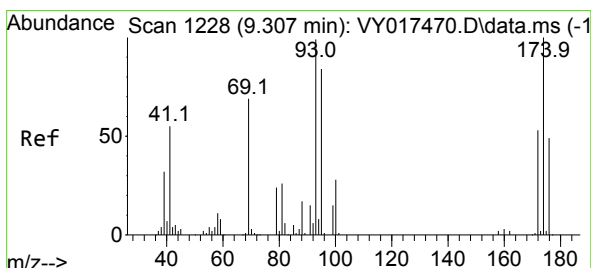
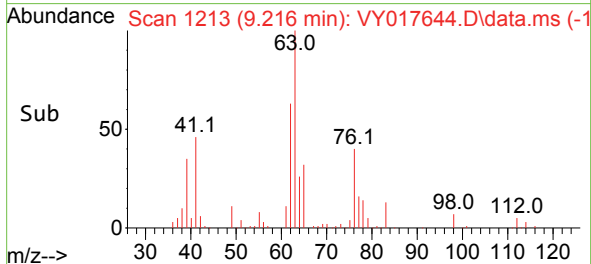
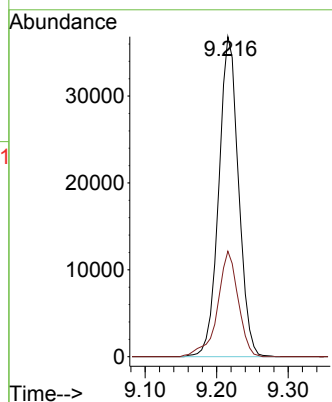
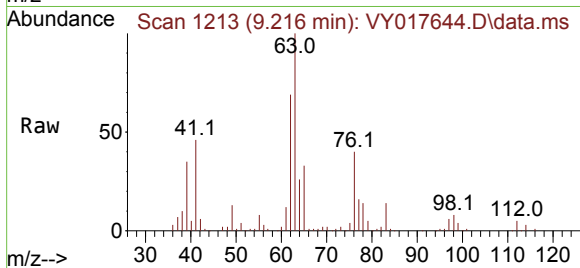
VSTDC0050EC

Tgt Ion: 63 Resp: 70608

Ion Ratio Lower Upper

63 100

65 33.0 25.4 38.2



#46

Dibromomethane

Concen: 41.575 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

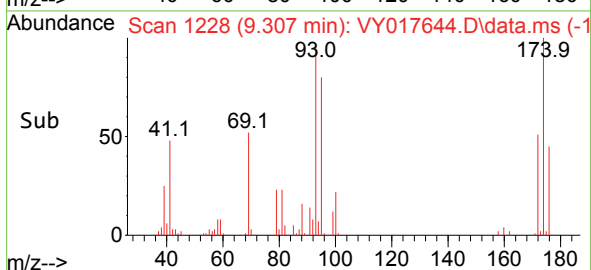
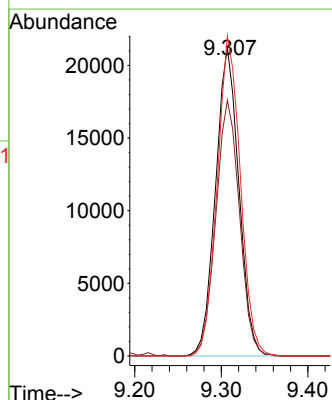
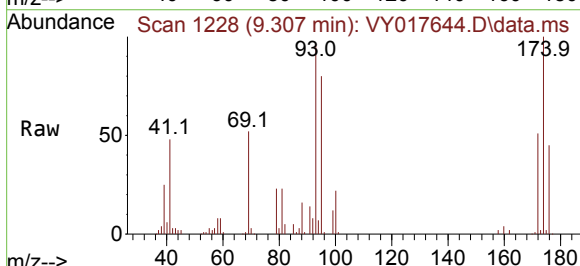
Tgt Ion: 93 Resp: 39704

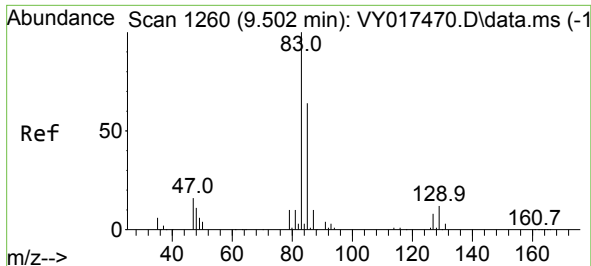
Ion Ratio Lower Upper

93 100

95 84.1 66.2 99.4

174 103.3 80.9 121.3

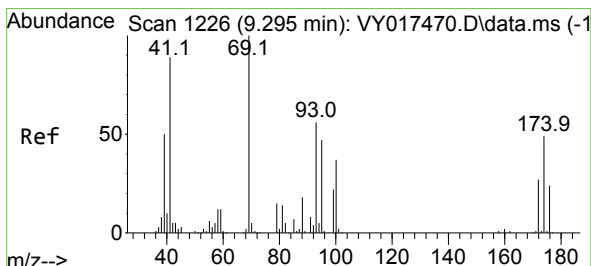
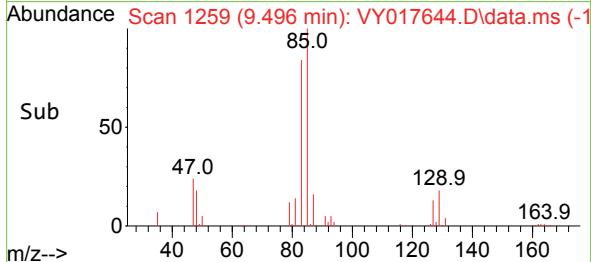
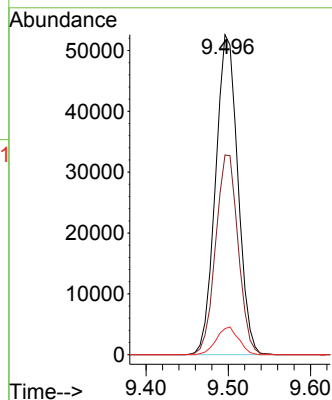
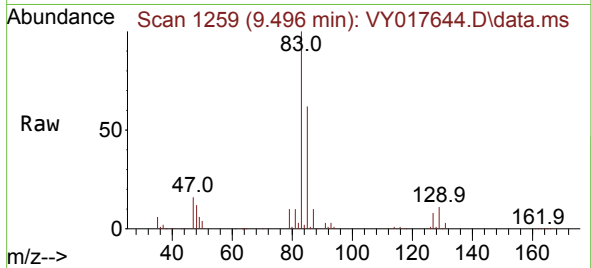




#47
Bromodichloromethane
Concen: 42.754 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

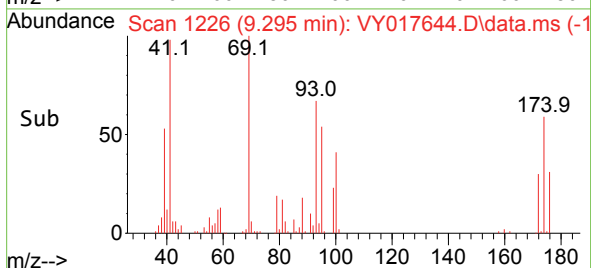
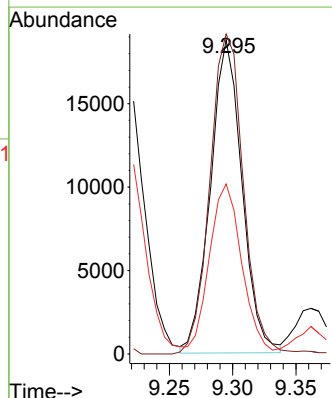
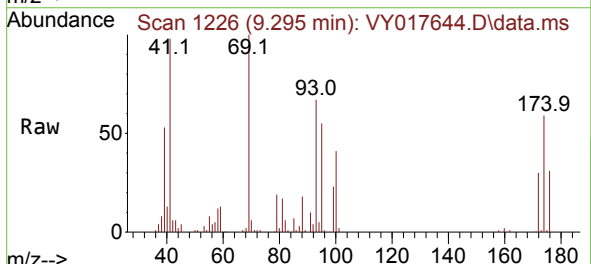
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

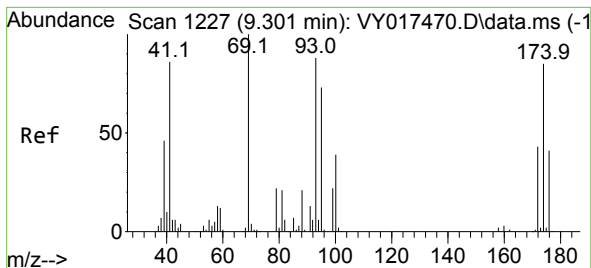
Tgt Ion: 83 Resp: 99139
Ion Ratio Lower Upper
83 100
85 62.4 50.1 75.1
127 8.1 7.4 11.0



#48
Methyl methacrylate
Concen: 43.059 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 41 Resp: 32671
Ion Ratio Lower Upper
41 100
69 108.1 84.1 126.1
39 52.9 43.6 65.4





#49

1,4-Dioxane

Concen: 819.766 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

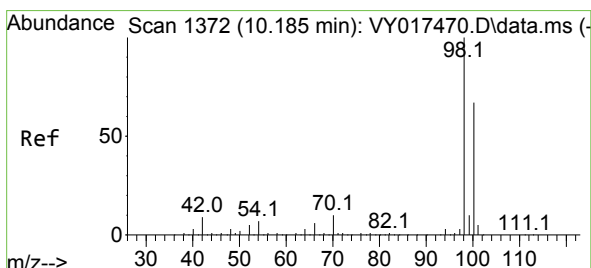
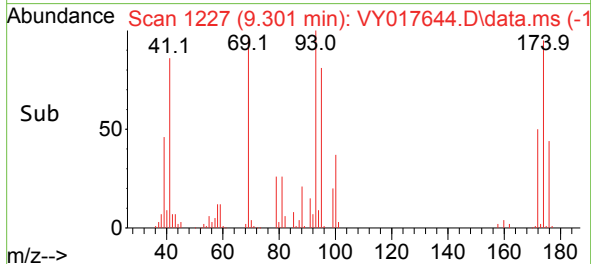
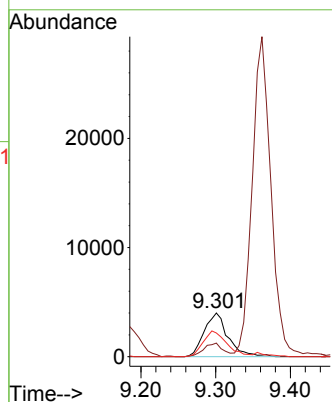
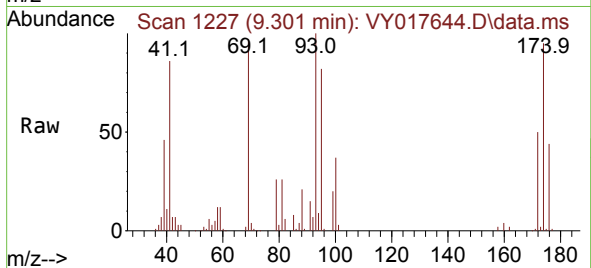
Tgt Ion: 88 Resp: 8860

Ion Ratio Lower Upper

88 100

43 25.0 0.0 0.0#

58 59.1 49.3 73.9



#50

Toluene-d8

Concen: 49.810 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017644.D

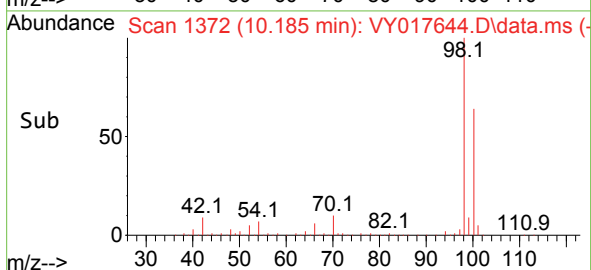
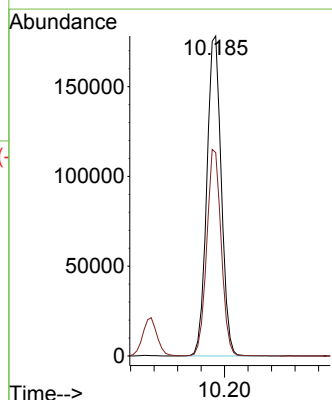
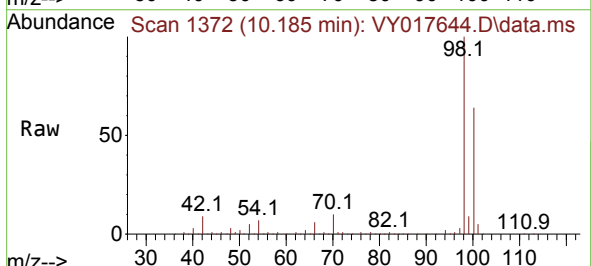
Acq: 12 Mar 2024 17:05

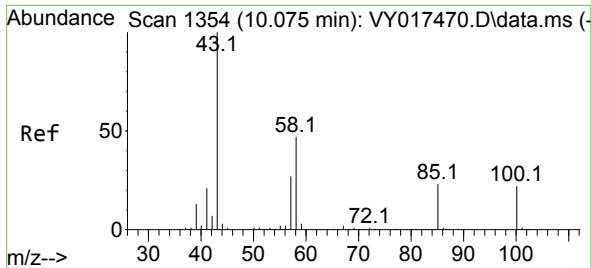
Tgt Ion: 98 Resp: 304853

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

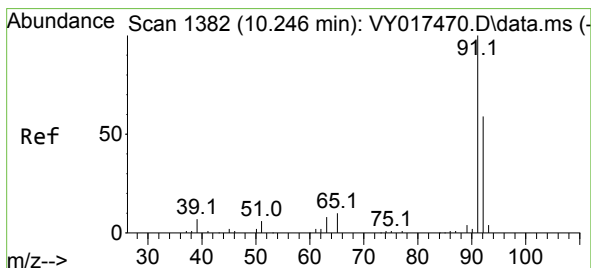
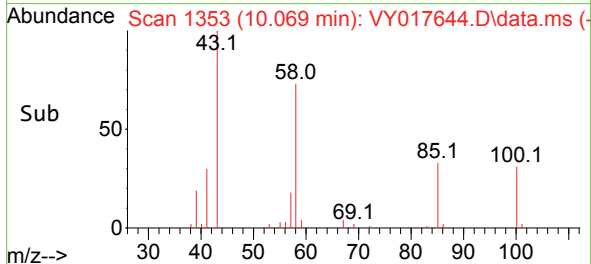
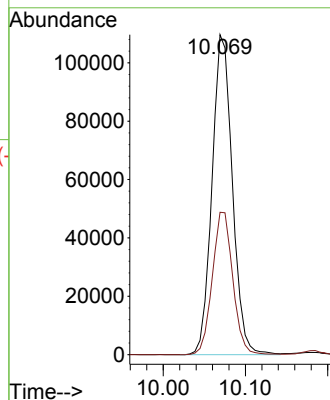
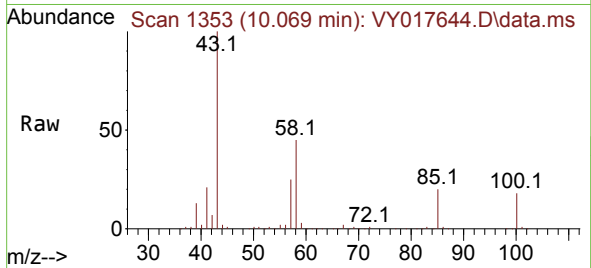




#51
4-Methyl-2-Pentanone
Concen: 206.130 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

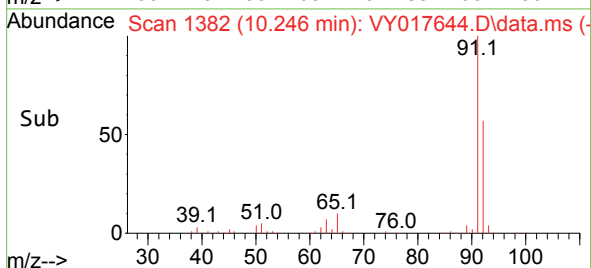
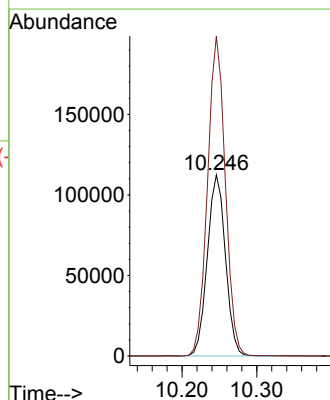
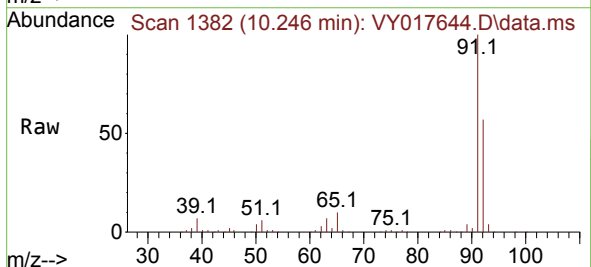
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

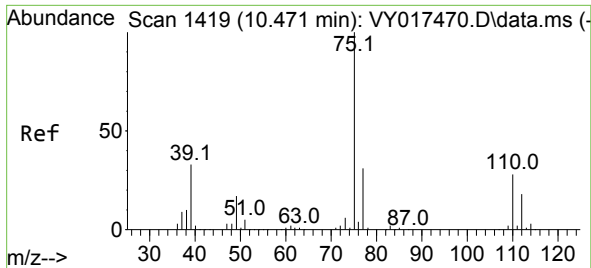
Tgt Ion: 43 Resp: 188316
Ion Ratio Lower Upper
43 100
58 44.9 35.7 53.5



#52
Toluene
Concen: 42.682 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 92 Resp: 188726
Ion Ratio Lower Upper
92 100
91 173.7 139.0 208.6

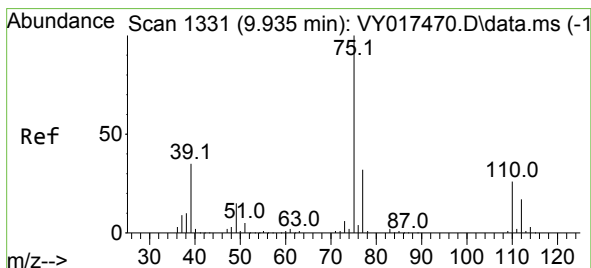
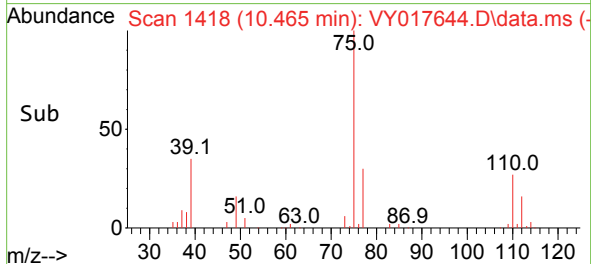
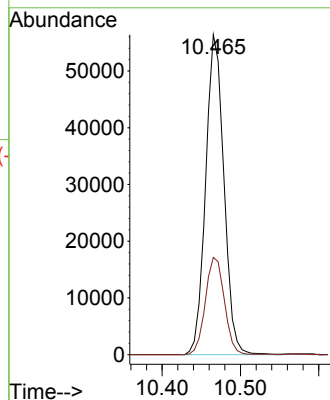
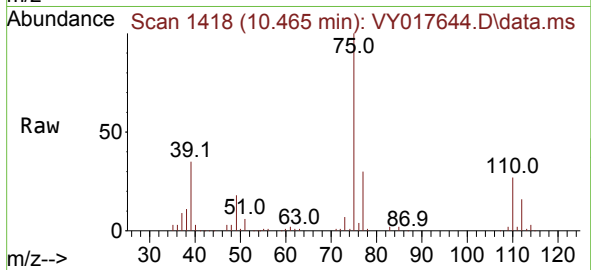




#53
 t-1,3-Dichloropropene
 Concen: 42.362 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY017644.D
 Acq: 12 Mar 2024 17:05

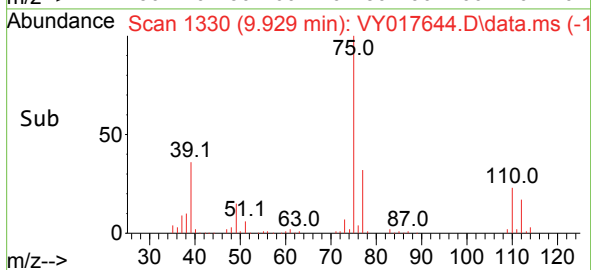
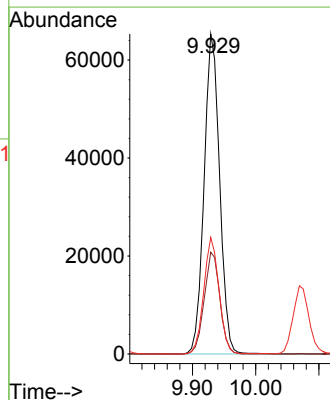
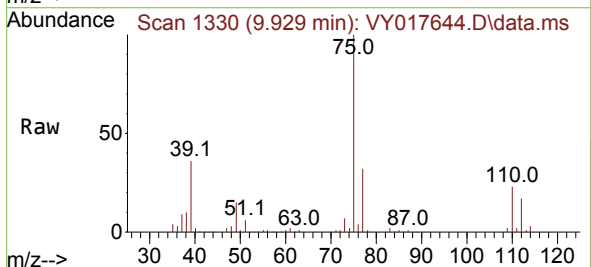
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

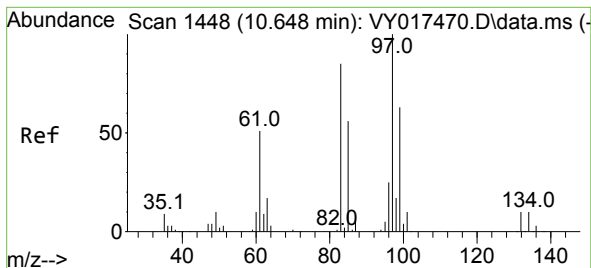
Tgt Ion: 75 Resp: 91174
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 42.702 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY017644.D
 Acq: 12 Mar 2024 17:05

Tgt Ion: 75 Resp: 111676
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0
 39 36.4 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 40.456 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 54855

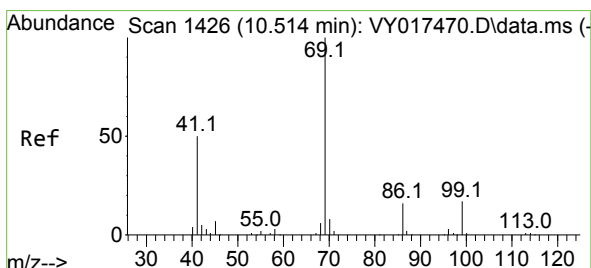
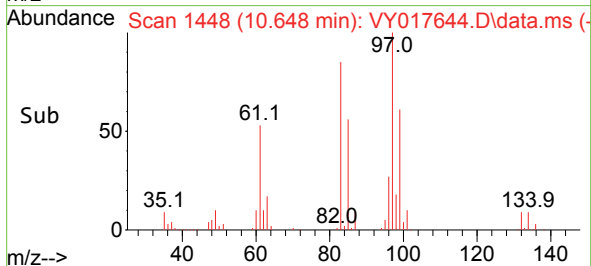
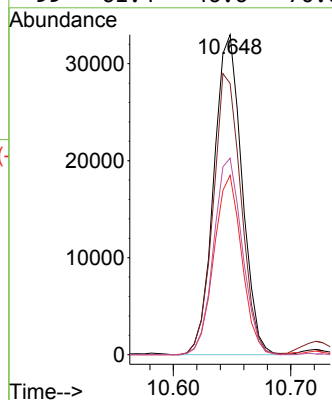
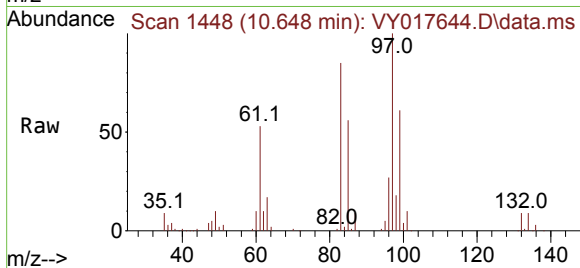
Ion Ratio Lower Upper

97 100

83 84.7 67.5 101.3

85 56.0 42.9 64.3

99 61.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 39.183 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

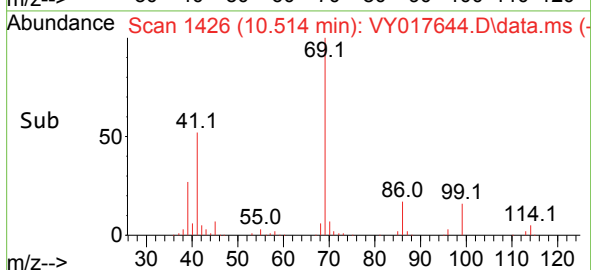
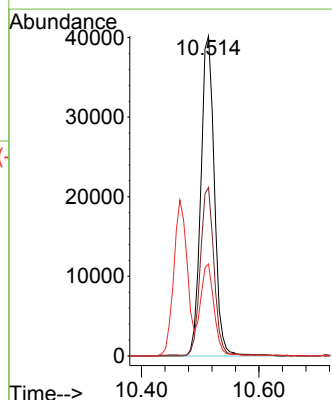
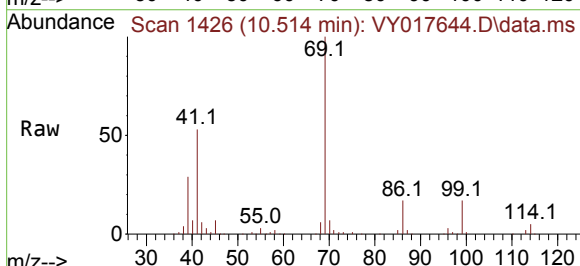
Tgt Ion: 69 Resp: 64396

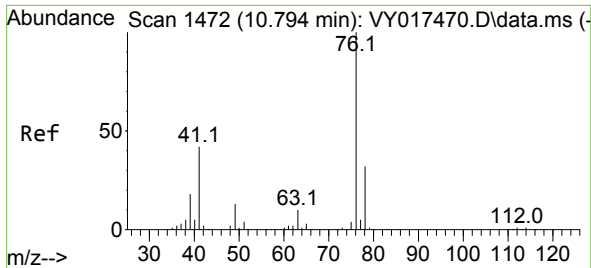
Ion Ratio Lower Upper

69 100

41 52.6 42.3 63.5

39 28.7 22.9 34.3





#57

1,3-Dichloropropane

Concen: 41.631 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

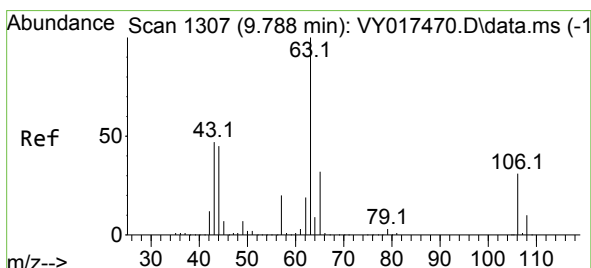
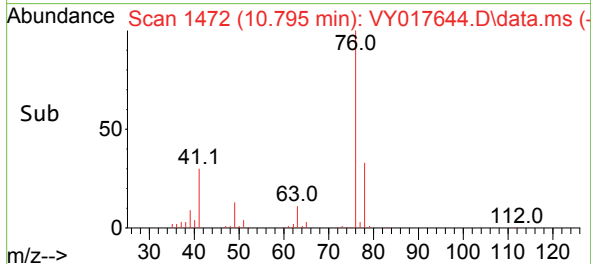
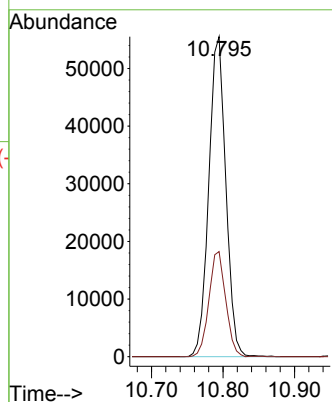
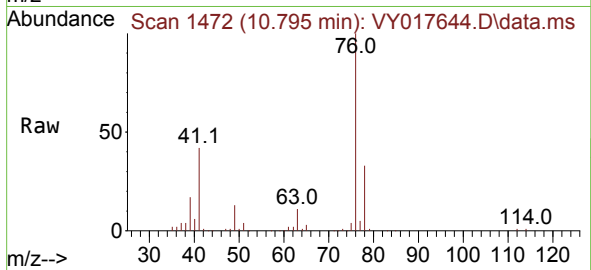
VSTDCCC050EC

Tgt Ion: 76 Resp: 91779

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 222.723 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY017644.D

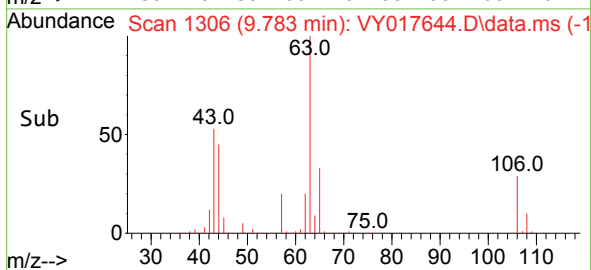
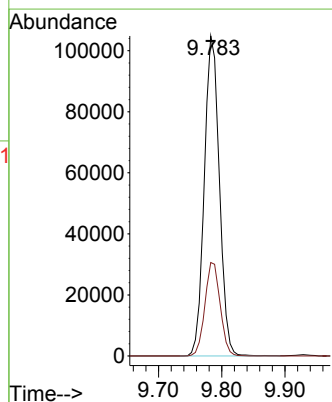
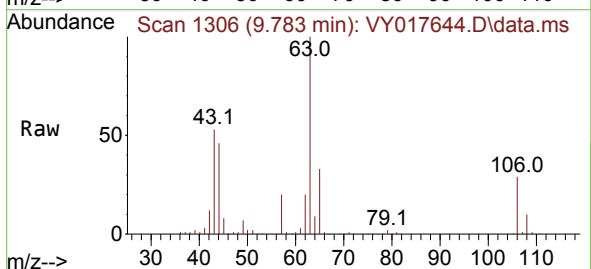
Acq: 12 Mar 2024 17:05

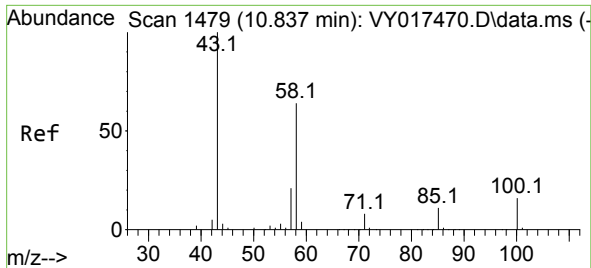
Tgt Ion: 63 Resp: 174267

Ion Ratio Lower Upper

63 100

106 29.5 23.7 35.5

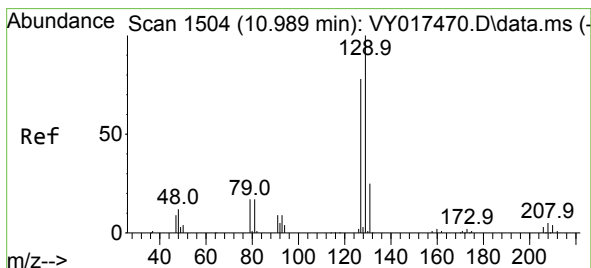
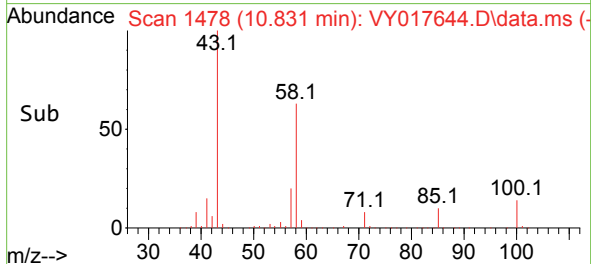
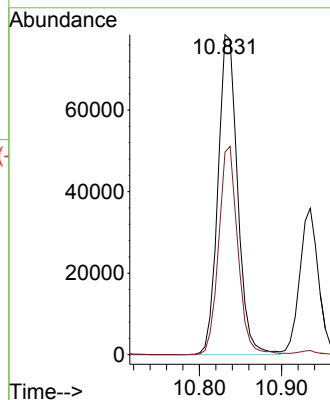
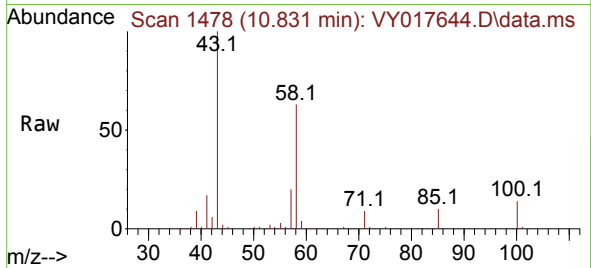




#59
2-Hexanone
Concen: 207.087 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

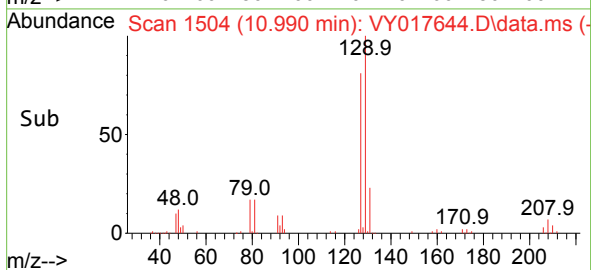
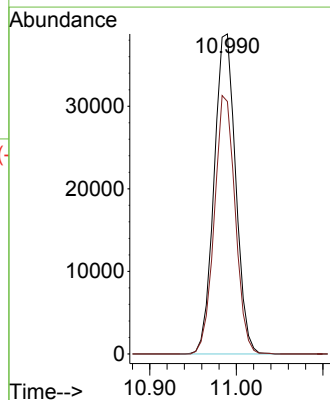
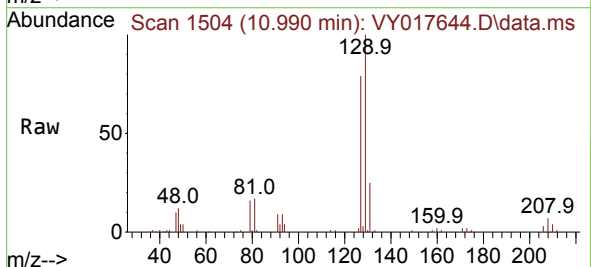
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

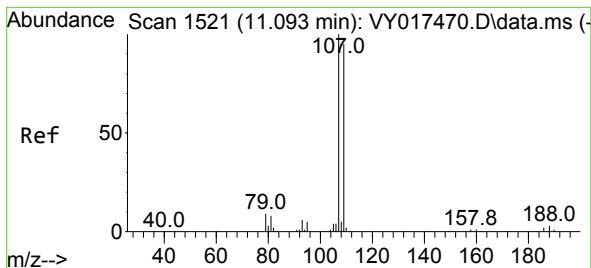
Tgt Ion: 43 Resp: 129951
Ion Ratio Lower Upper
43 100
58 63.8 31.4 94.0



#60
Dibromochloromethane
Concen: 41.823 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 129 Resp: 67088
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0

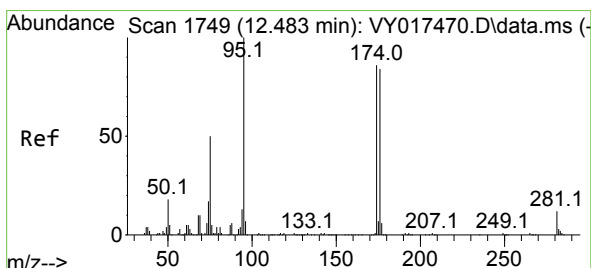
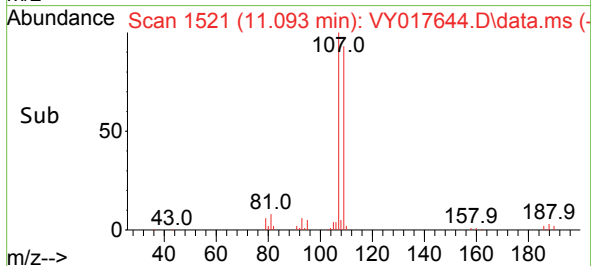
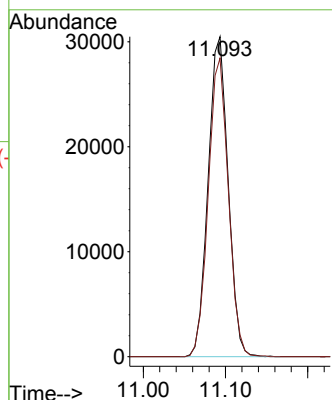
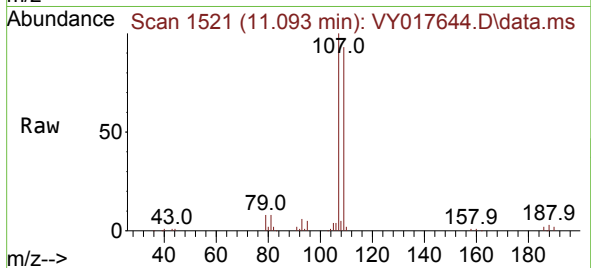




#61
1,2-Dibromoethane
Concen: 41.201 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

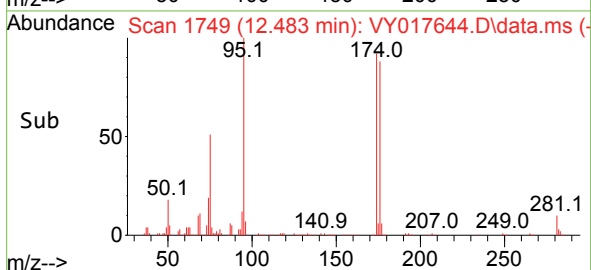
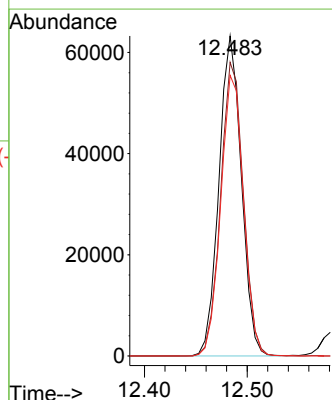
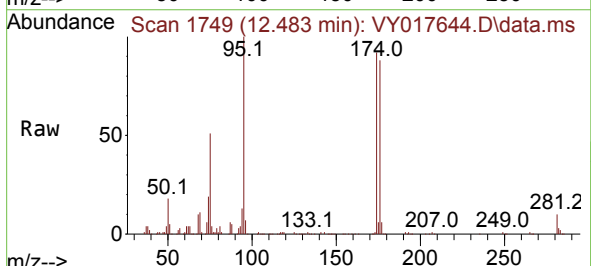
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

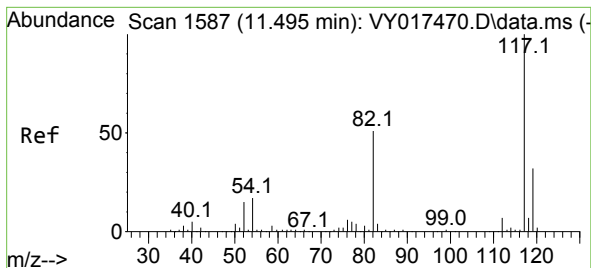
Tgt Ion:107 Resp: 51482
Ion Ratio Lower Upper
107 100
109 93.6 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 49.786 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 95 Resp: 95762
Ion Ratio Lower Upper
95 100
174 93.0 0.0 175.6
176 89.0 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: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

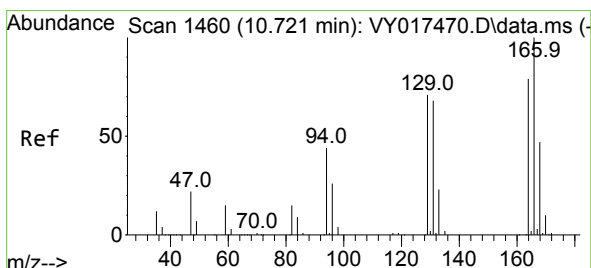
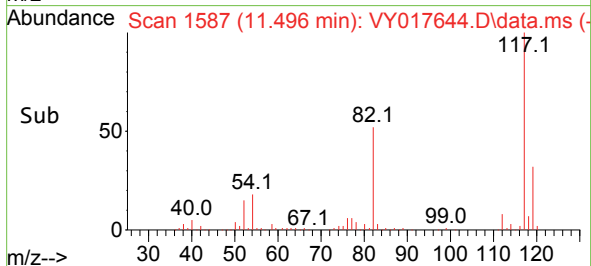
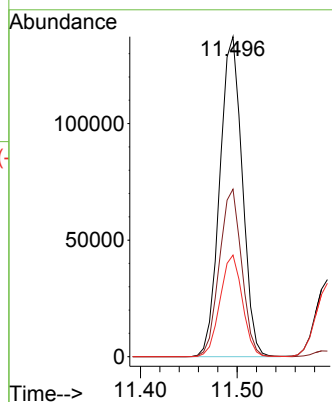
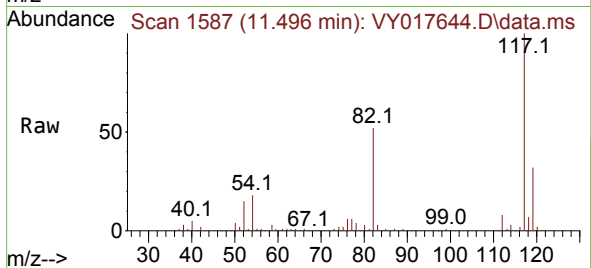
Tgt Ion:117 Resp: 221321

Ion Ratio Lower Upper

117 100

82 52.4 42.4 63.6

119 31.7 25.9 38.9



#64

Tetrachloroethene

Concen: 41.336 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Tgt Ion:164 Resp: 87810

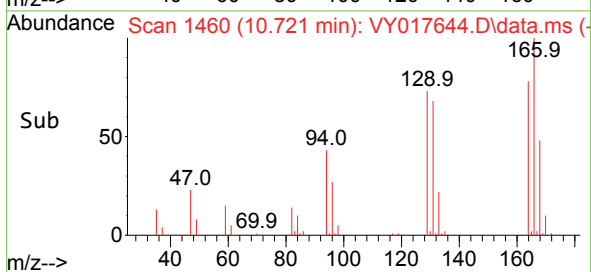
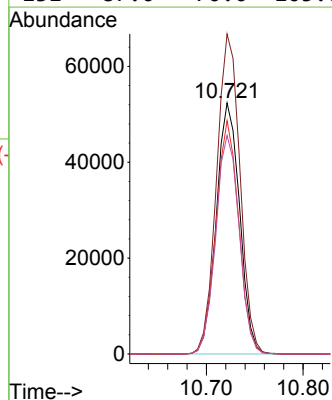
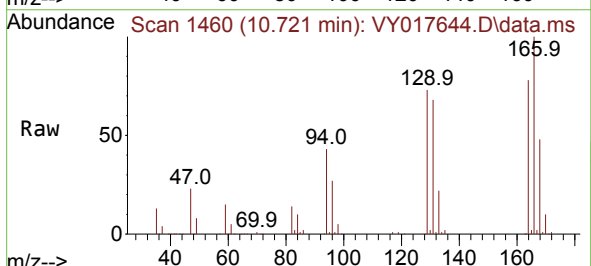
Ion Ratio Lower Upper

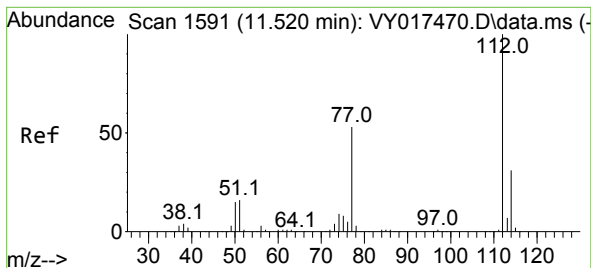
164 100

166 127.5 102.6 154.0

129 92.9 72.0 108.0

131 87.0 70.0 105.0

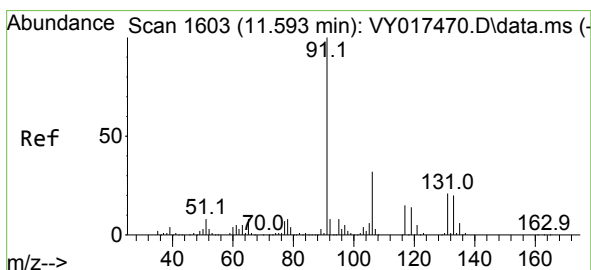
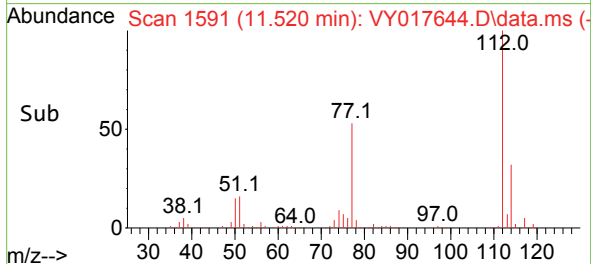
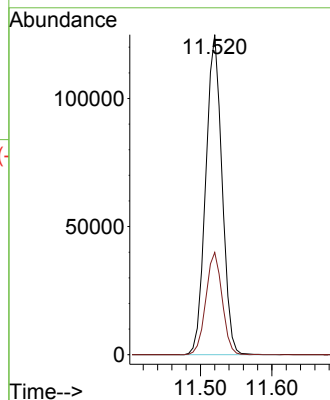
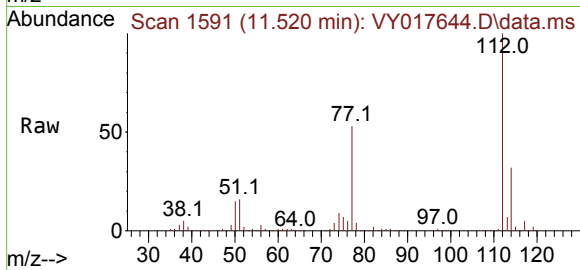




#65
Chlorobenzene
Concen: 41.980 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

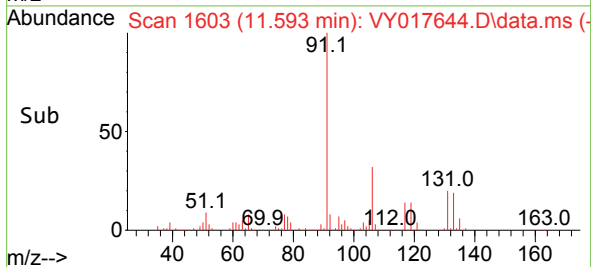
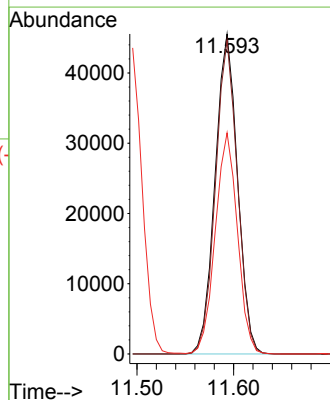
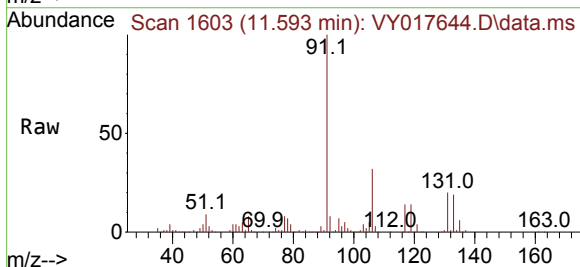
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

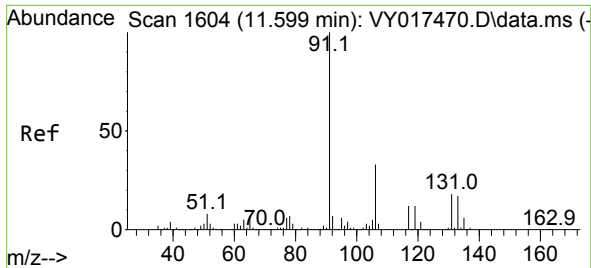
Tgt Ion:112 Resp: 197209
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 41.754 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion:131 Resp: 73484
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 68.3 34.1 102.2

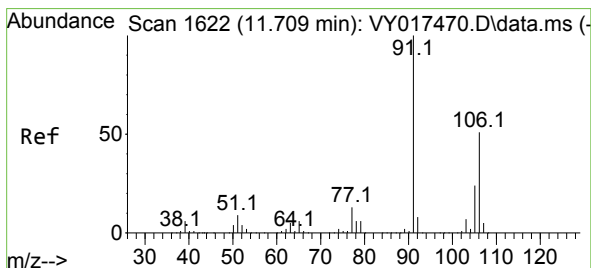
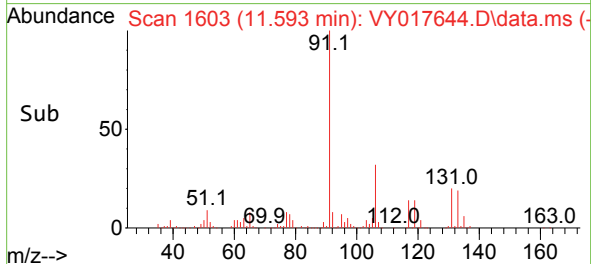
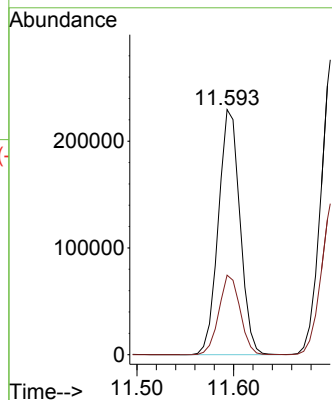
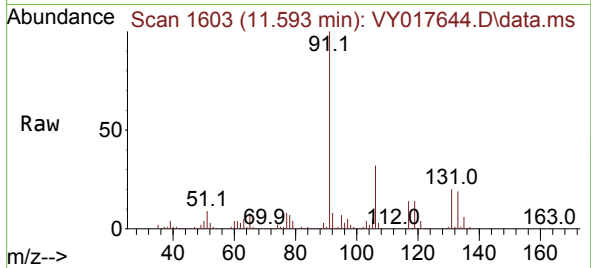




#67
Ethyl Benzene
Concen: 43.121 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

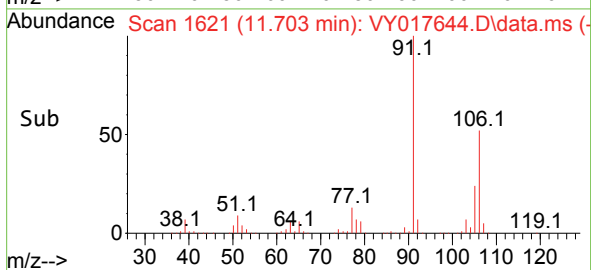
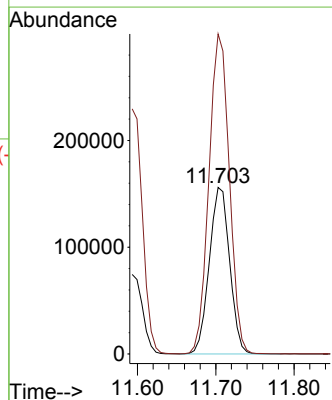
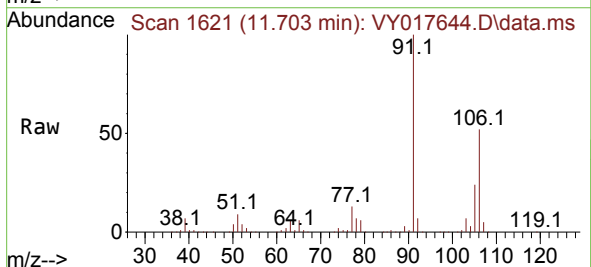
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

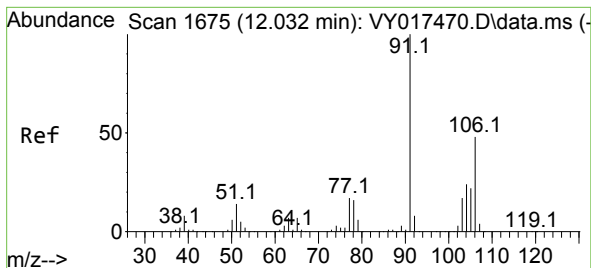
Tgt Ion: 91 Resp: 355254
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7



#68
m/p-Xylenes
Concen: 86.861 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion:106 Resp: 281194
Ion Ratio Lower Upper
106 100
91 192.6 156.0 234.0





#69

o-Xylene

Concen: 43.484 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

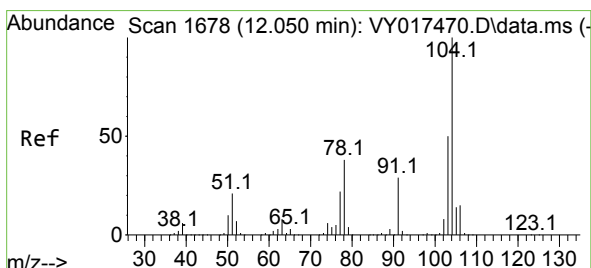
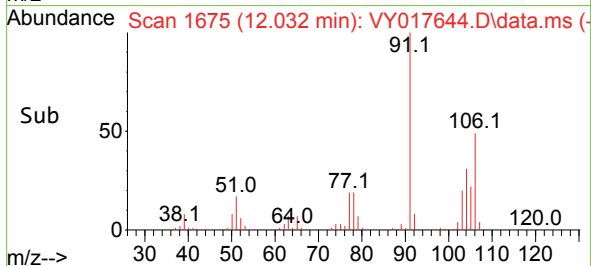
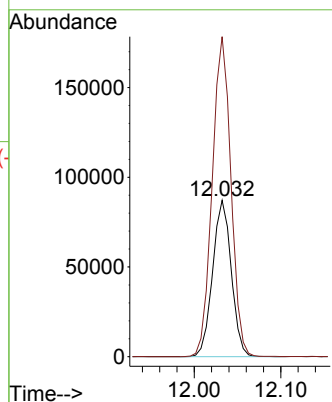
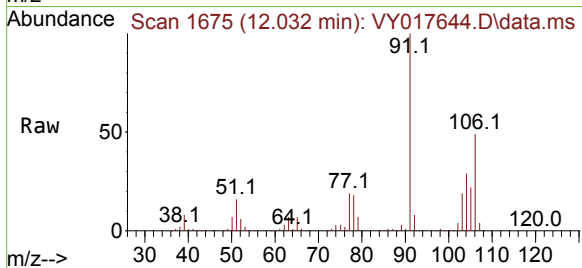
VSTDCCC050EC

Tgt Ion:106 Resp: 130598

Ion Ratio Lower Upper

106 100

91 205.1 103.6 310.8



#70

Styrene

Concen: 43.231 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.006 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

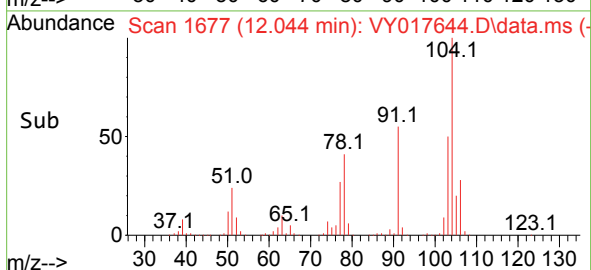
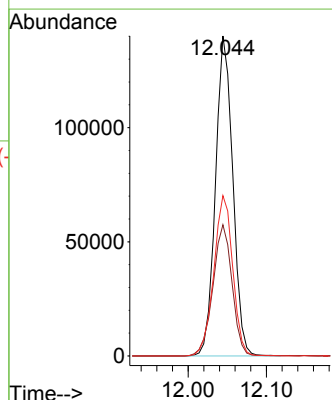
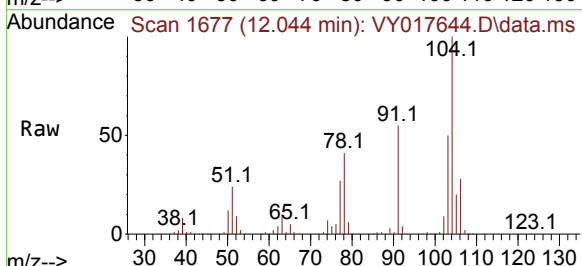
Tgt Ion:104 Resp: 215515

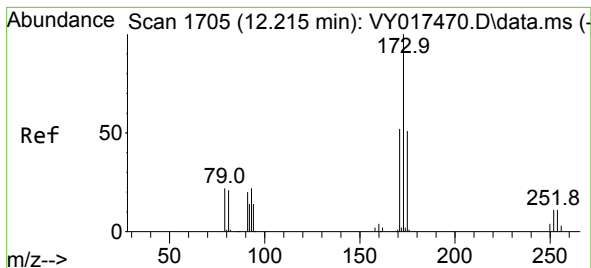
Ion Ratio Lower Upper

104 100

78 45.4 37.0 55.4

103 54.8 44.2 66.2





#71

Bromoform

Concen: 41.696 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

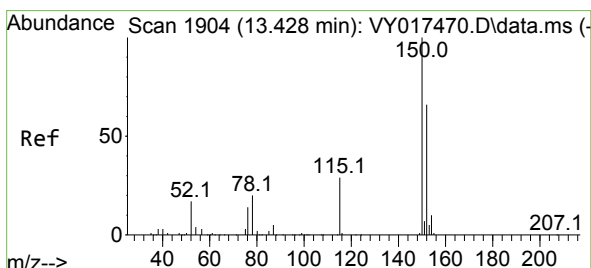
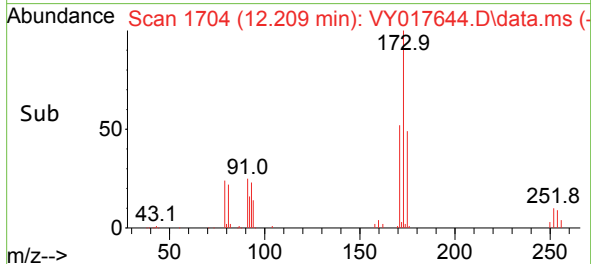
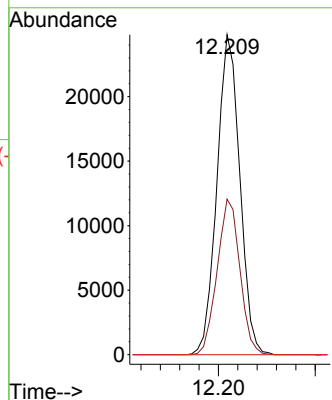
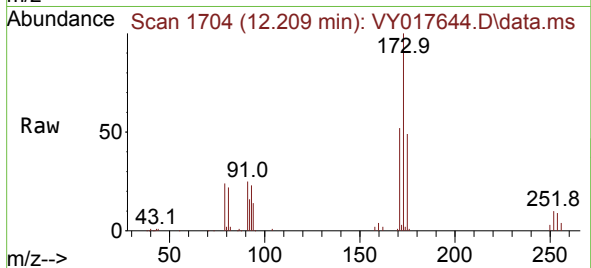
Tgt Ion:173 Resp: 40664

Ion Ratio Lower Upper

173 100

175 48.3 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: VY017644.D

Acq: 12 Mar 2024 17:05

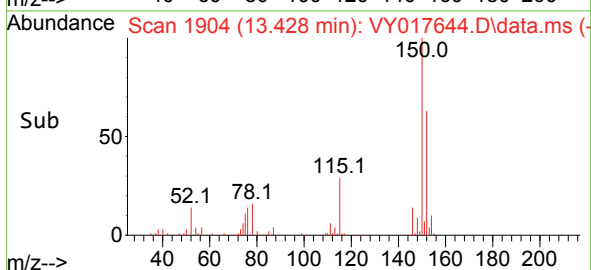
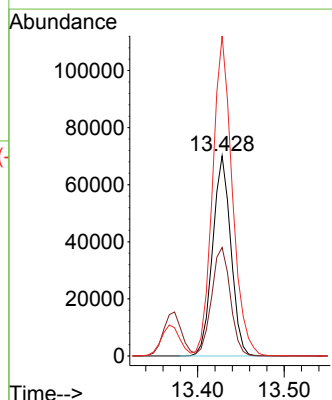
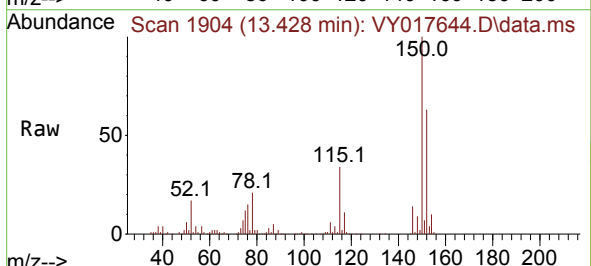
Tgt Ion:152 Resp: 102471

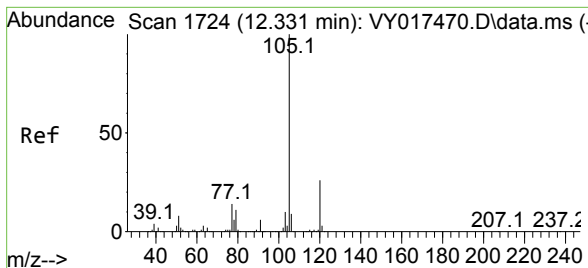
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 173.3 0.0 345.6





#73

Isopropylbenzene

Concen: 44.511 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

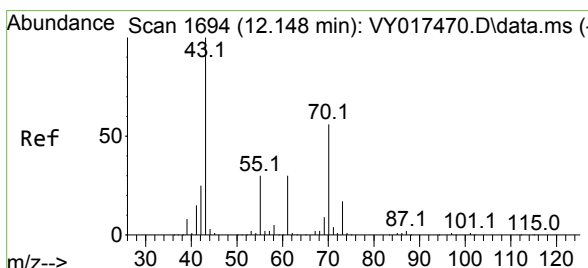
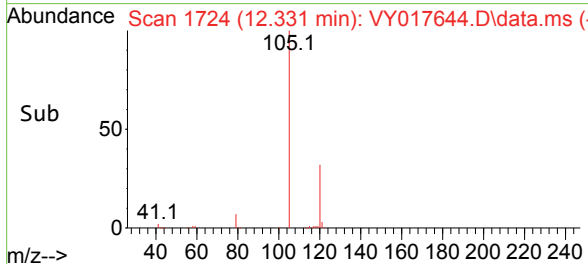
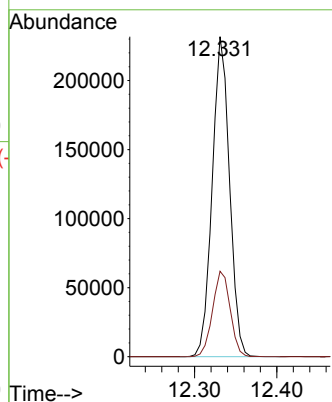
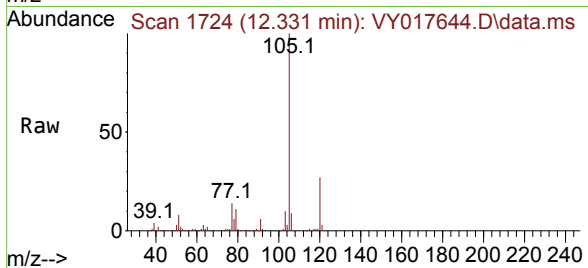
VSTDCCC050EC

Tgt Ion:105 Resp: 338859

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 42.320 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Tgt Ion: 43 Resp: 56824

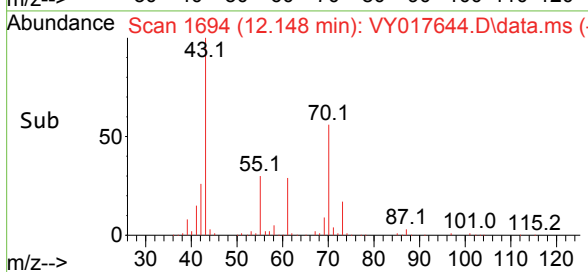
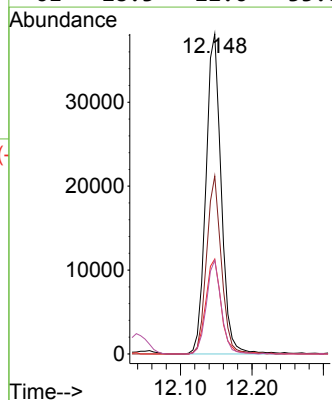
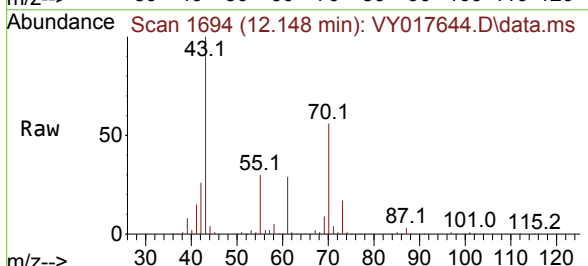
Ion Ratio Lower Upper

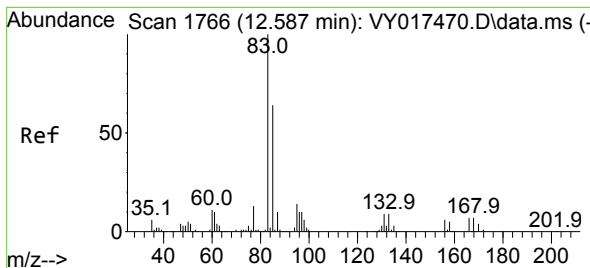
43 100

70 53.5 41.4 62.2

55 30.0 23.3 34.9

61 28.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 43.136 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

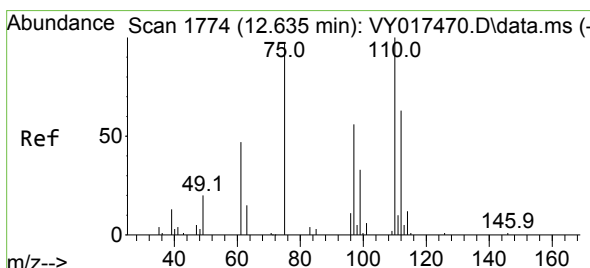
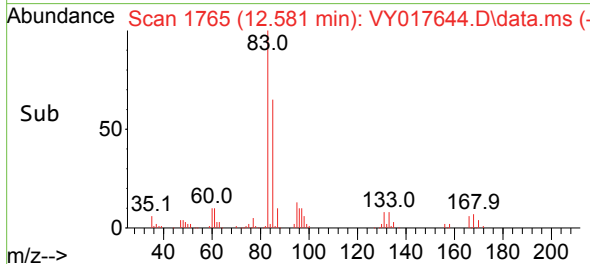
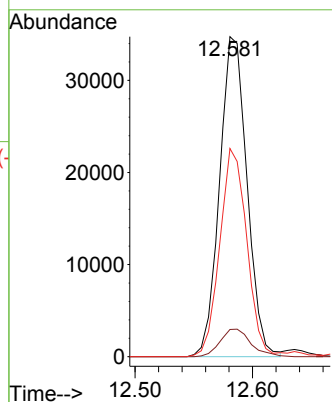
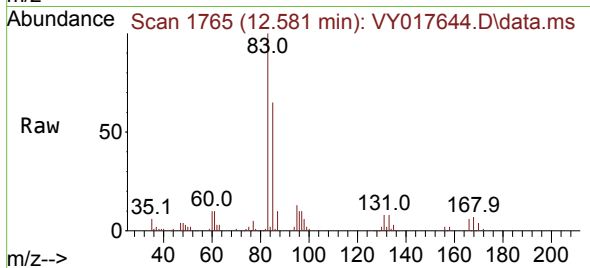
Tgt Ion: 83 Resp: 56392

Ion Ratio Lower Upper

83 100

131 9.6 5.0 14.9

85 64.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 74.686 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017644.D

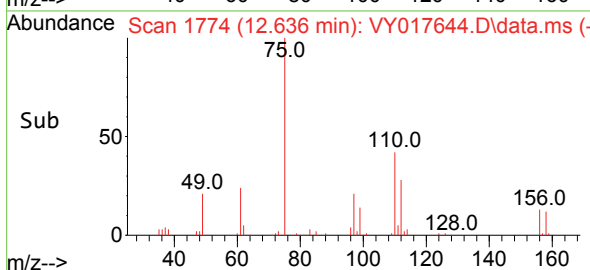
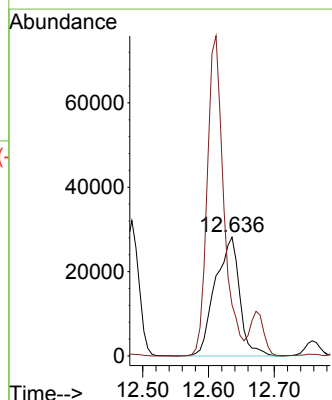
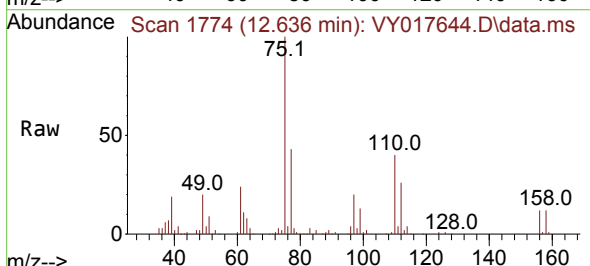
Acq: 12 Mar 2024 17:05

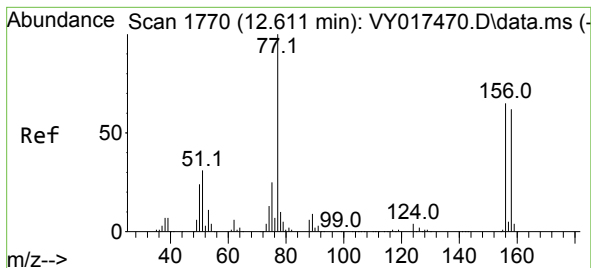
Tgt Ion: 75 Resp: 72716

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 42.764 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC0050EC

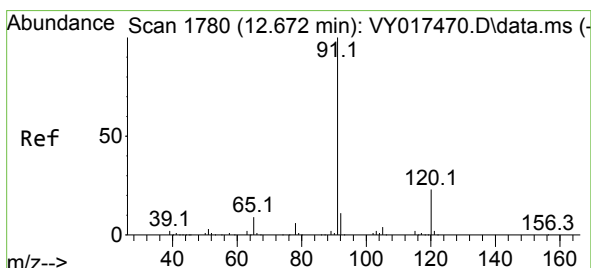
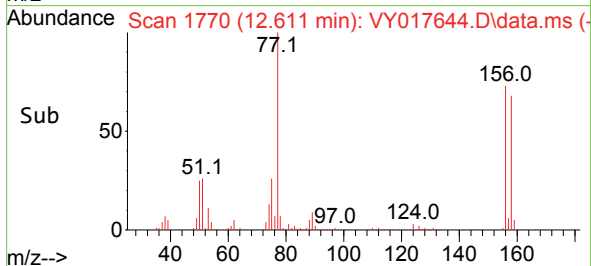
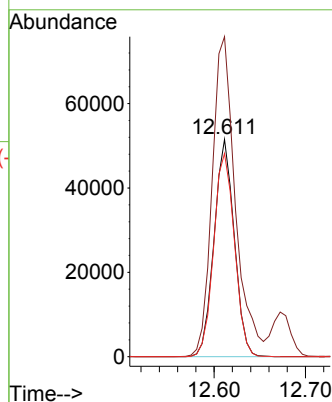
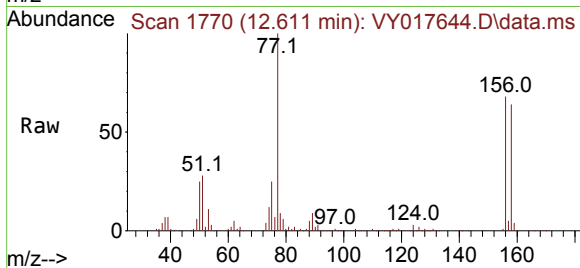
Tgt Ion:156 Resp: 78840

Ion Ratio Lower Upper

156 100

77 169.5 87.1 261.3

158 96.6 48.6 145.9



#78

n-propylbenzene

Concen: 45.149 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017644.D

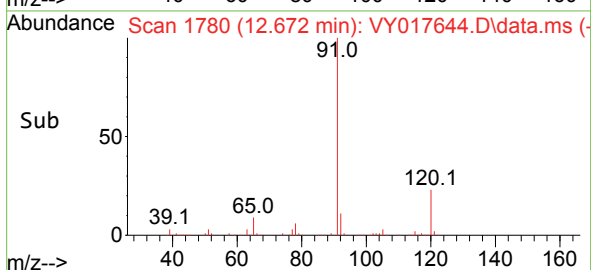
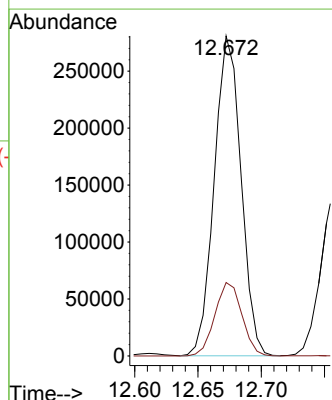
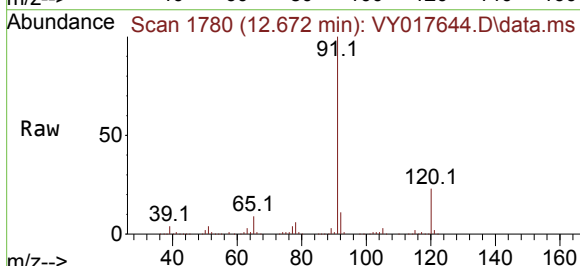
Acq: 12 Mar 2024 17:05

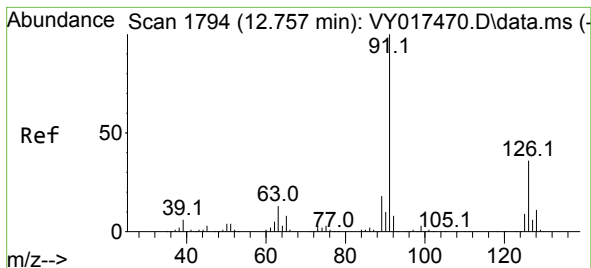
Tgt Ion: 91 Resp: 412425

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

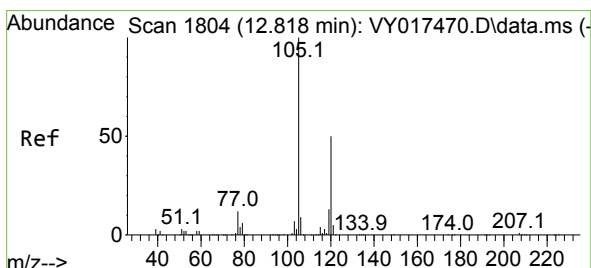
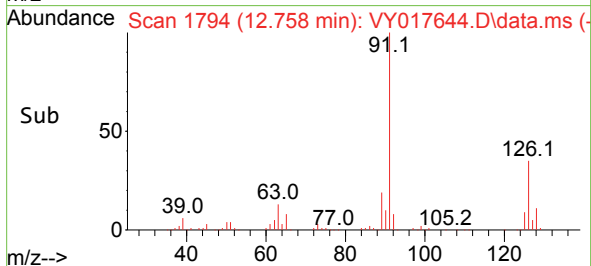
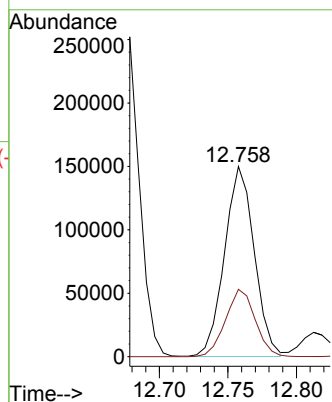
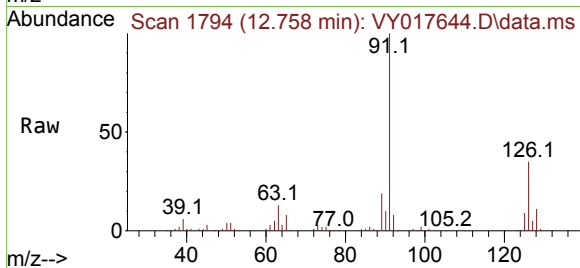




#79
2-Chlorotoluene
Concen: 44.172 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

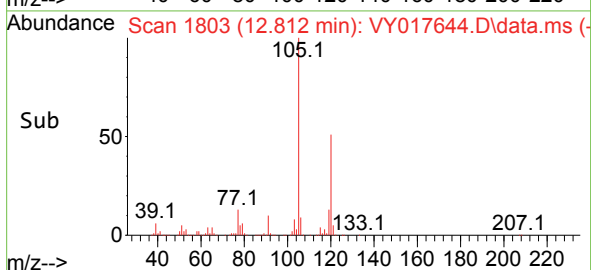
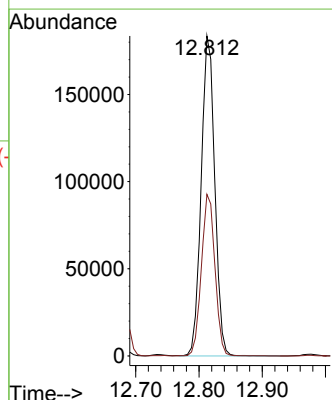
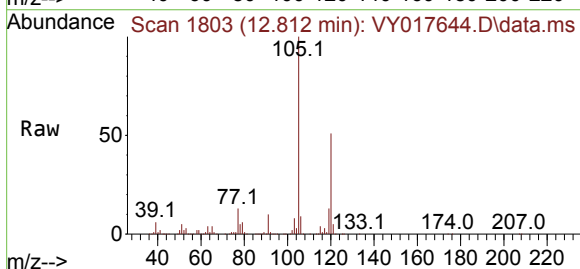
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

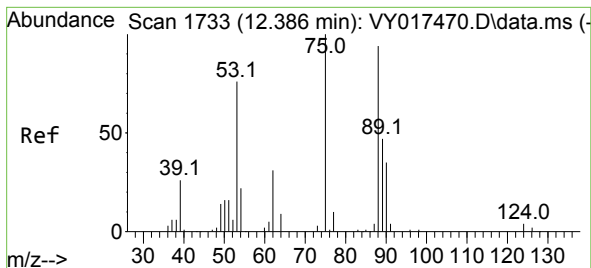
Tgt Ion: 91 Resp: 225910
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 45.005 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 105 Resp: 274496
Ion Ratio Lower Upper
105 100
120 50.5 25.1 75.2

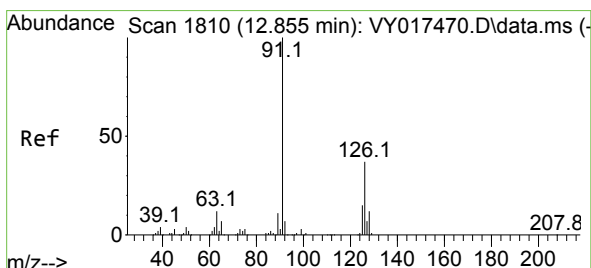
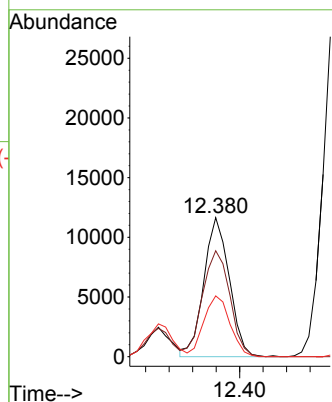
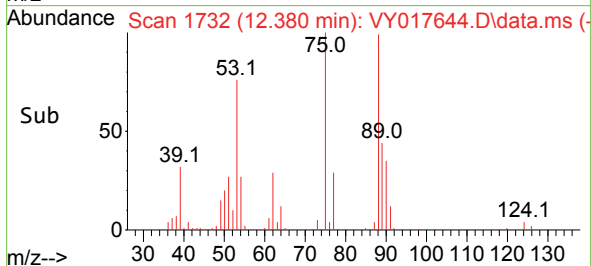
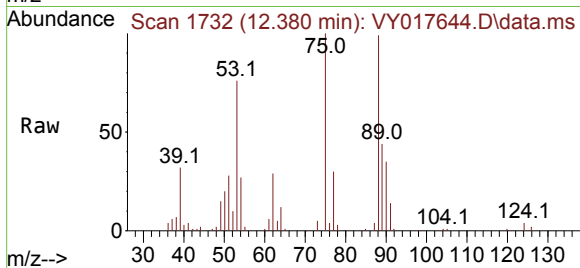




#81
trans-1,4-Dichloro-2-butene
Concen: 41.402 ug/l
RT: 12.380 min Scan# 1733
Delta R.T. -0.006 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

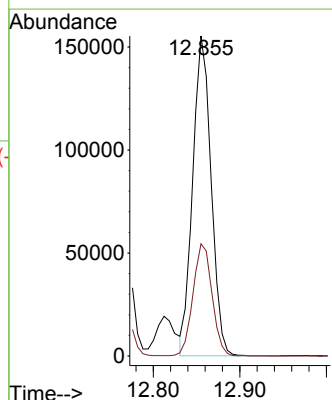
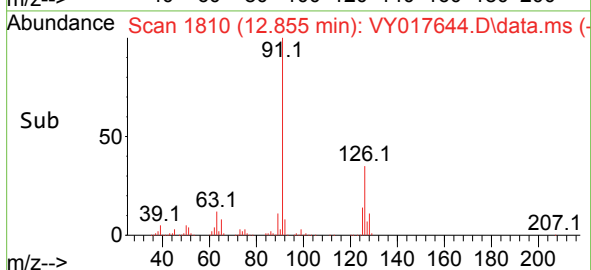
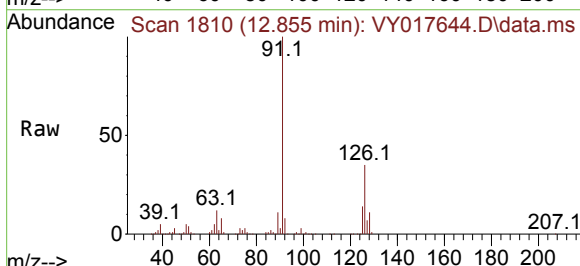
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

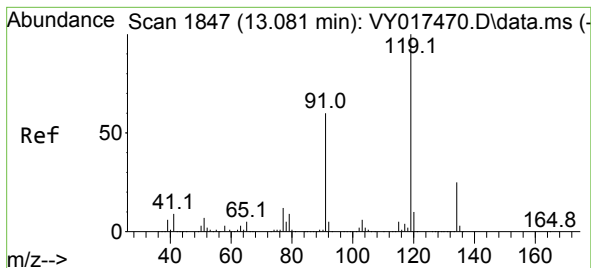
Tgt Ion: 75 Resp: 17543
Ion Ratio Lower Upper
75 100
53 82.0 66.8 100.2
89 44.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 43.743 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 91 Resp: 228820
Ion Ratio Lower Upper
91 100
126 36.4 17.6 52.9

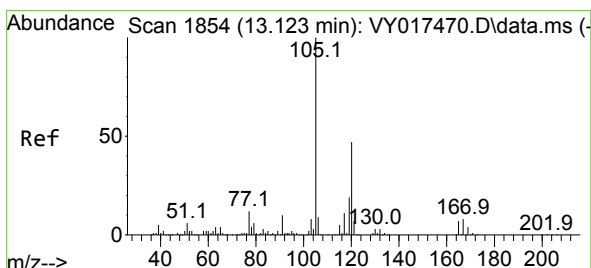
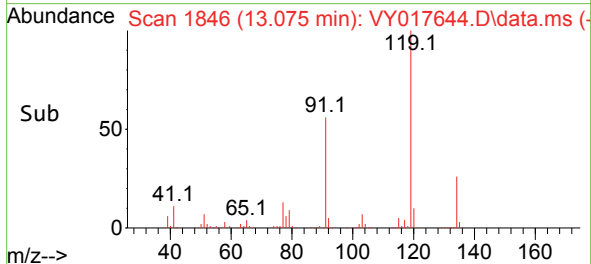
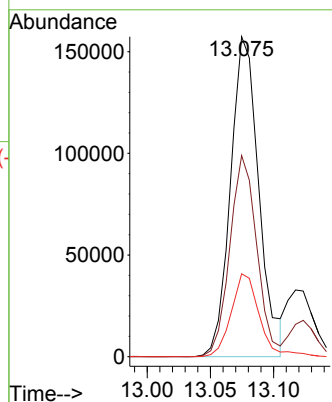
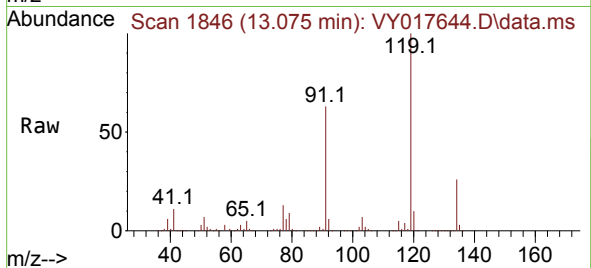




#83
tert-Butylbenzene
Concen: 45.794 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

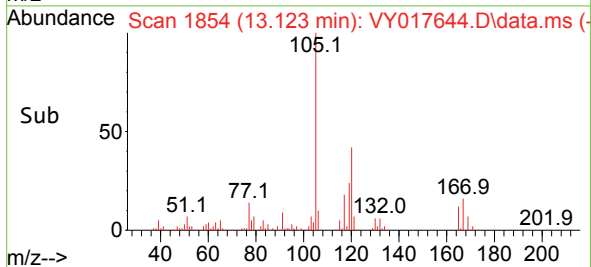
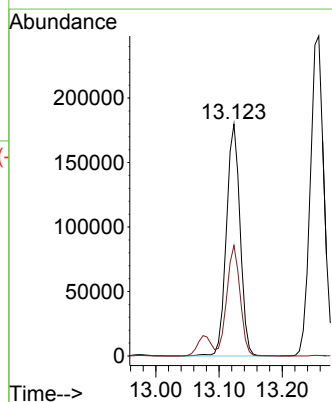
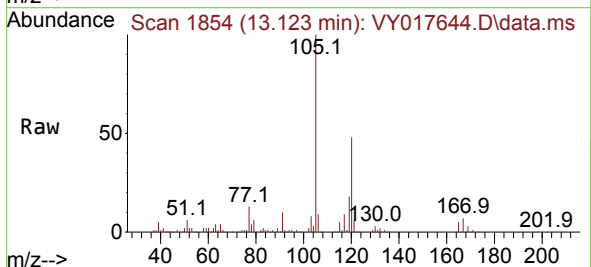
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

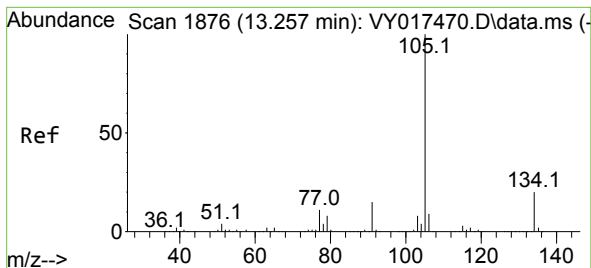
Tgt Ion:119 Resp: 245267
Ion Ratio Lower Upper
119 100
91 60.0 31.3 93.8
134 25.9 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 44.664 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion:105 Resp: 268939
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 44.926 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

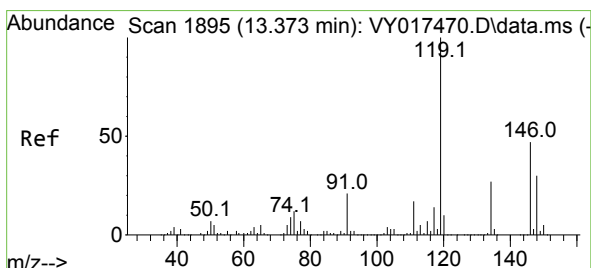
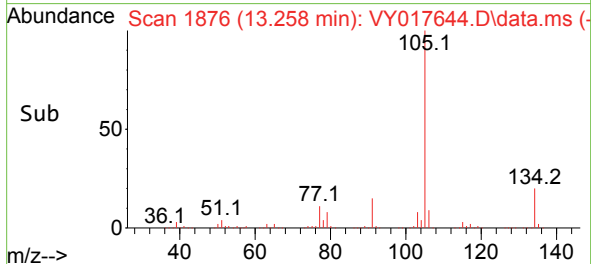
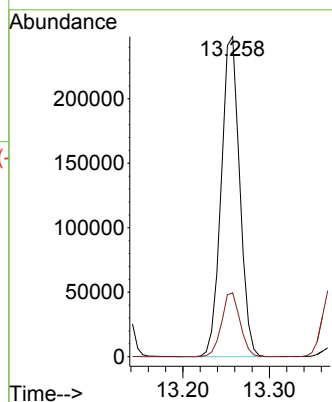
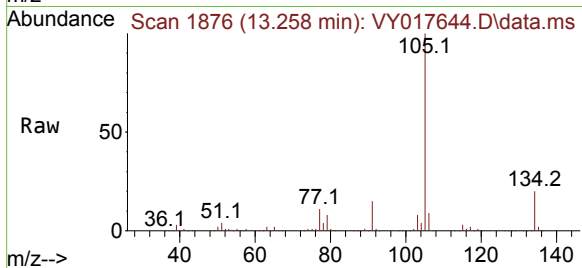
VSTDCCC050EC

Tgt Ion:105 Resp: 367871

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 44.911 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

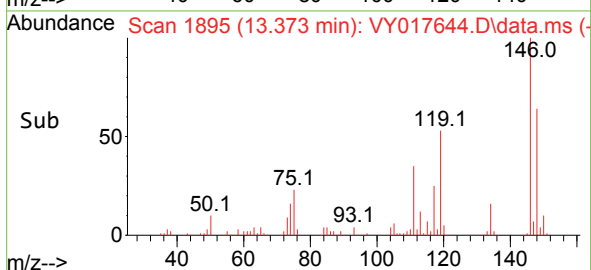
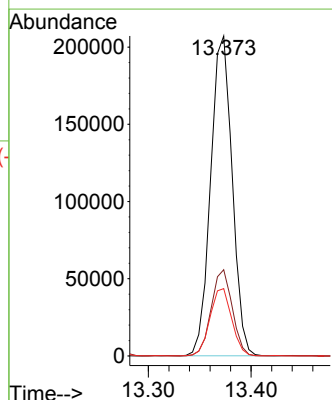
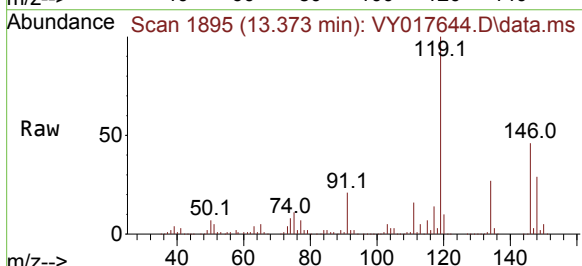
Tgt Ion:119 Resp: 301045

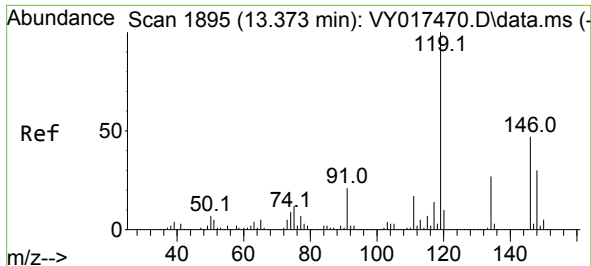
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 21.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 42.505 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

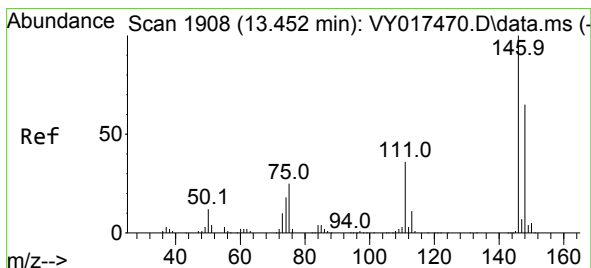
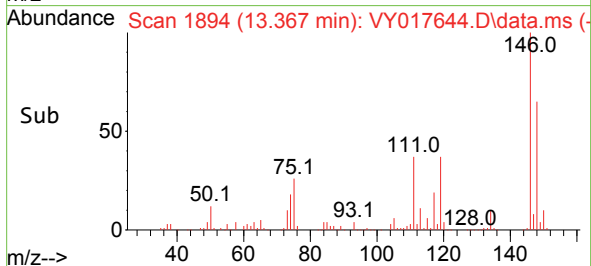
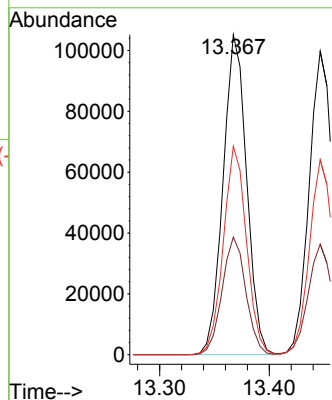
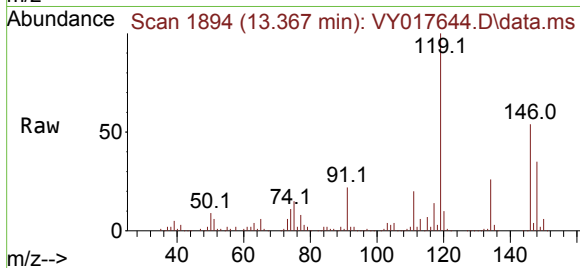
Tgt Ion:146 Resp: 157292

Ion Ratio Lower Upper

146 100

111 36.9 19.0 57.0

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 42.369 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

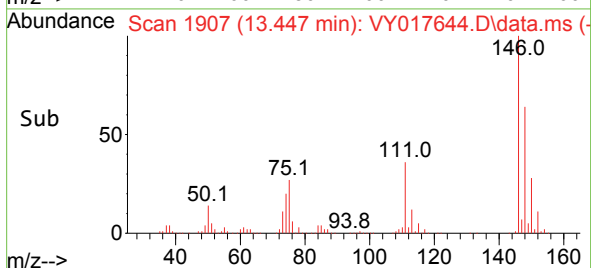
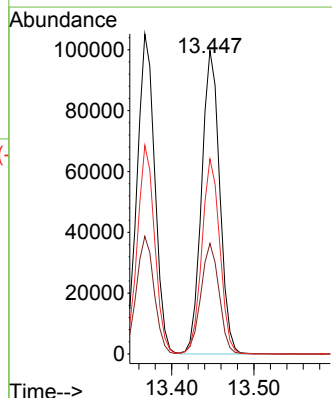
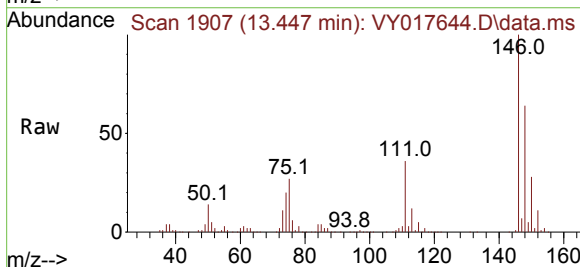
Tgt Ion:146 Resp: 152430

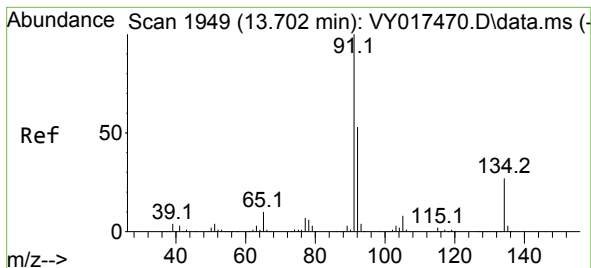
Ion Ratio Lower Upper

146 100

111 36.8 18.4 55.4

148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 44.838 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

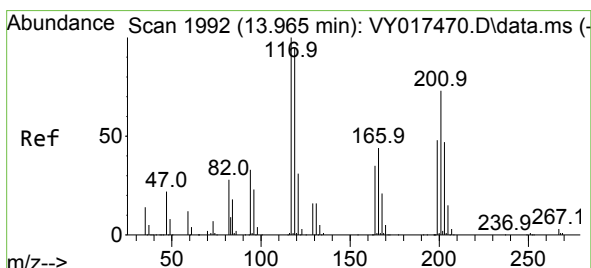
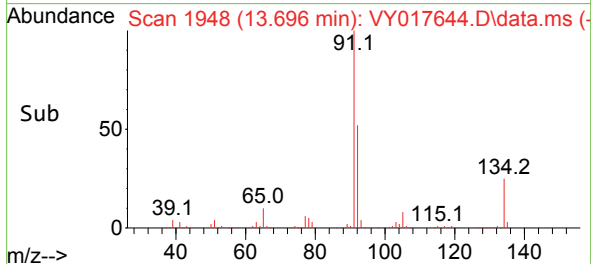
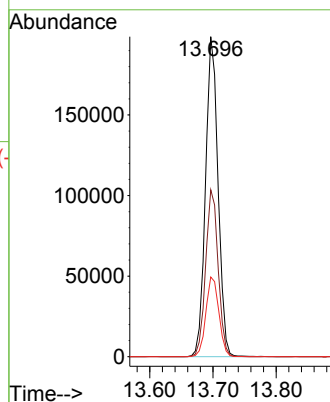
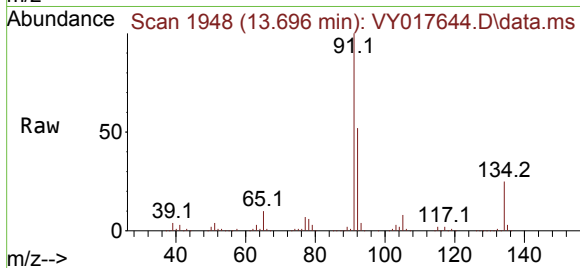
Tgt Ion: 91 Resp: 274216

Ion Ratio Lower Upper

91 100

92 52.1 26.6 79.7

134 25.8 12.9 38.7



#90

Hexachloroethane

Concen: 43.466 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017644.D

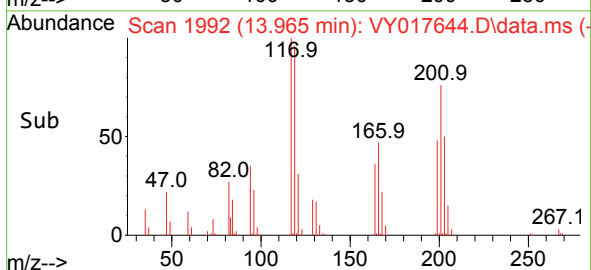
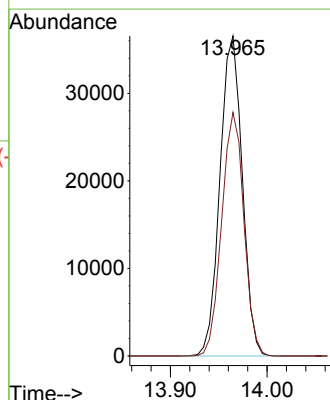
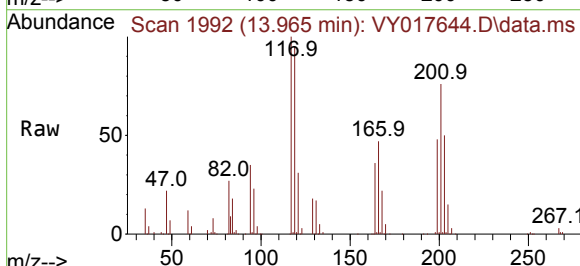
Acq: 12 Mar 2024 17:05

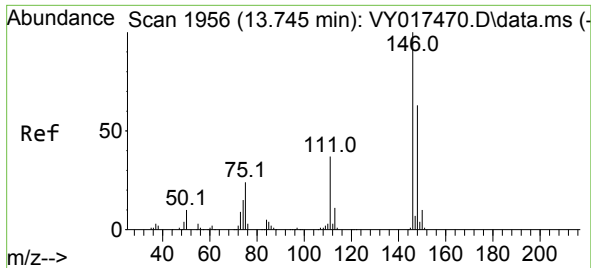
Tgt Ion: 117 Resp: 58412

Ion Ratio Lower Upper

117 100

201 75.8 37.4 112.2

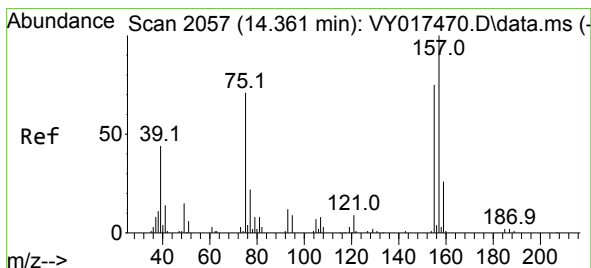
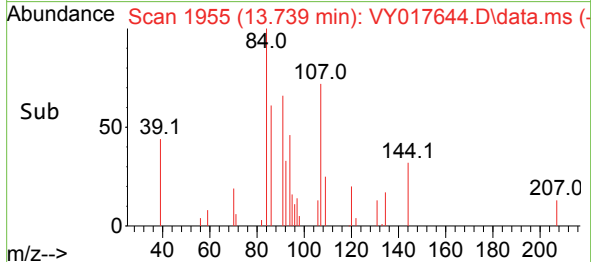
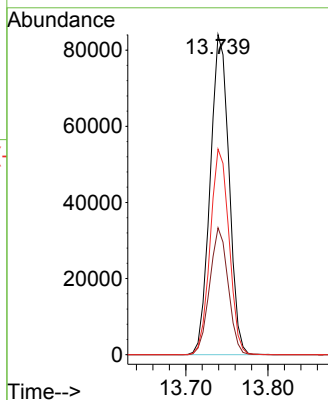
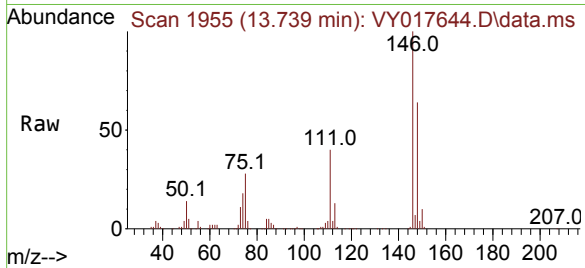




#91
1,2-Dichlorobenzene
Concen: 42.702 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

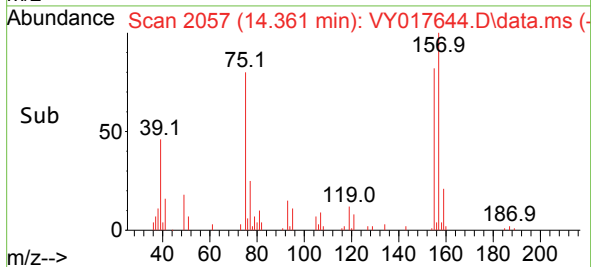
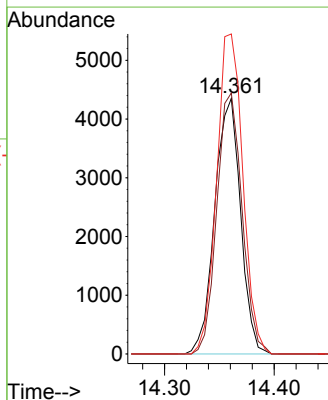
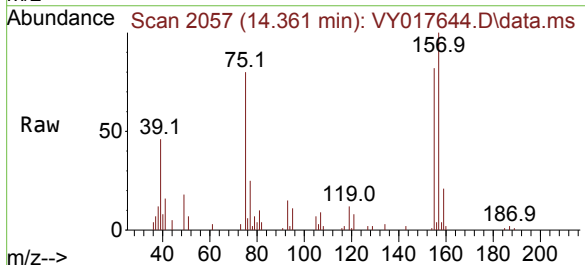
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

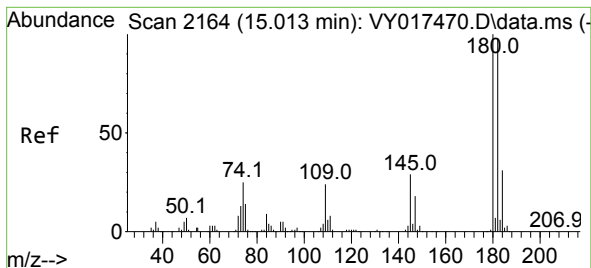
Tgt Ion:146 Resp: 133661
Ion Ratio Lower Upper
146 100
111 39.0 19.9 59.7
148 64.4 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 38.736 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017644.D
Acq: 12 Mar 2024 17:05

Tgt Ion: 75 Resp: 7119
Ion Ratio Lower Upper
75 100
155 100.0 48.6 145.8
157 127.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 41.146 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

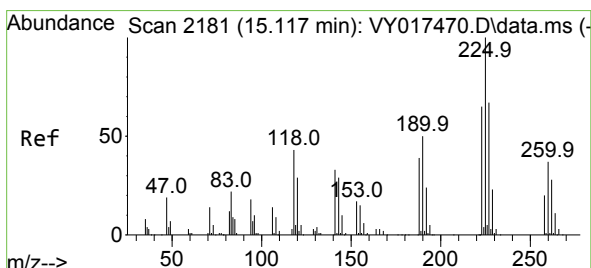
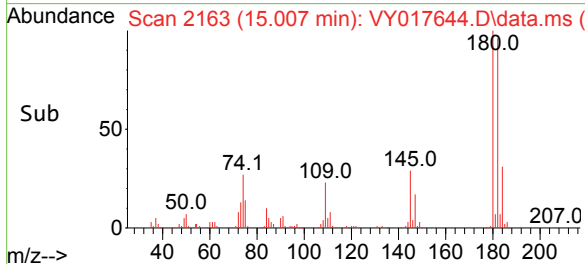
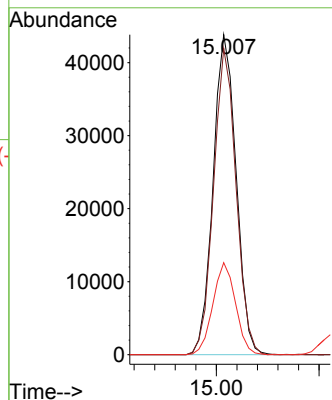
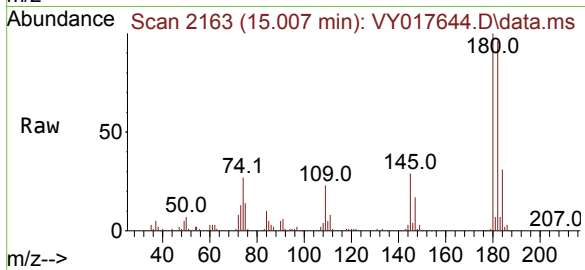
Tgt Ion:180 Resp: 68029

Ion Ratio Lower Upper

180 100

182 93.6 47.9 143.8

145 28.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 41.084 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

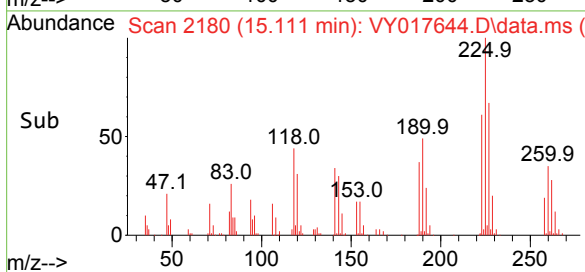
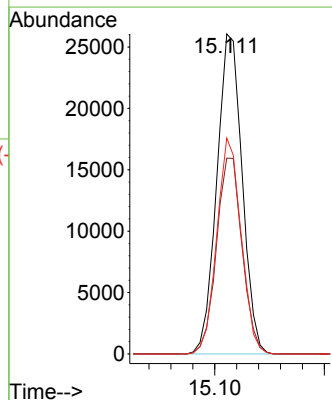
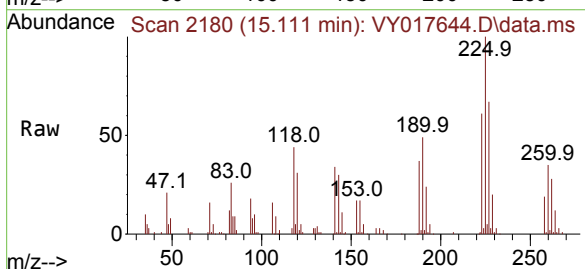
Tgt Ion:225 Resp: 41938

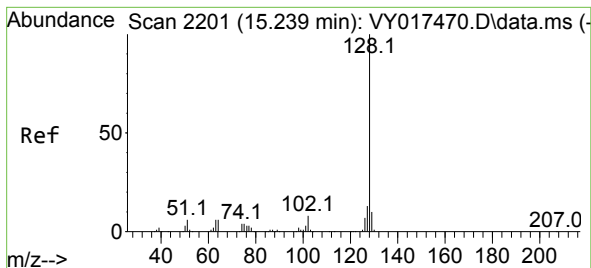
Ion Ratio Lower Upper

225 100

223 61.9 30.4 91.2

227 64.6 31.9 95.9





#95

Naphthalene

Concen: 35.660 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

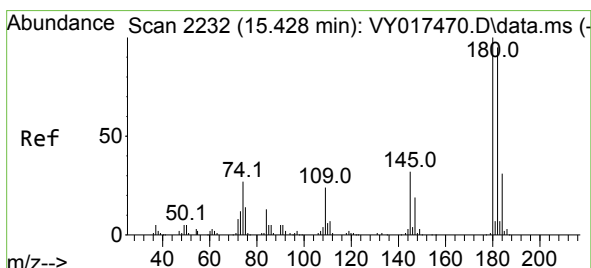
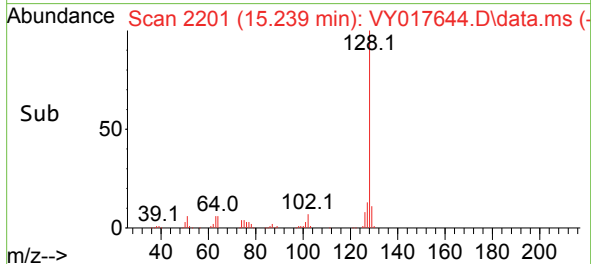
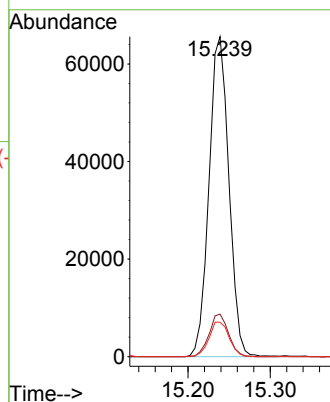
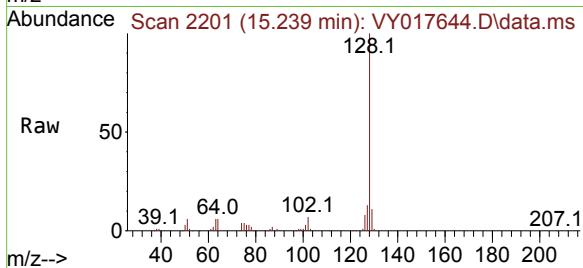
Tgt Ion:128 Resp: 110340

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 39.400 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017644.D

Acq: 12 Mar 2024 17:05

Tgt Ion:180 Resp: 55884

Ion Ratio Lower Upper

180 100

182 94.8 47.6 142.9

145 31.0 15.4 46.1

