

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017664.D
 Acq On : 15 Mar 2024 08:56
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Mar 16 00:47:11 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	162881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	253394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	226568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	112060	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70821	45.878	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.760%
35) Dibromofluoromethane	7.716	113	84165	47.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.340%
50) Toluene-d8	10.185	98	299971	48.589	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.180%
62) 4-Bromofluorobenzene	12.489	95	98951	51.000	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	49550	41.240	ug/l	97
3) Chloromethane	2.113	50	94123	42.875	ug/l	98
4) Vinyl Chloride	2.247	62	125668	44.621	ug/l	98
5) Bromomethane	2.644	94	103143	44.940	ug/l	99
6) Chloroethane	2.790	64	85189	47.949	ug/l	100
7) Trichlorofluoromethane	3.119	101	132999	46.335	ug/l	93
8) Diethyl Ether	3.528	74	44414	52.755	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	81645	49.451	ug/l	98
10) Methyl Iodide	4.088	142	102841	55.503	ug/l	99
11) Tert butyl alcohol	4.954	59	29138	222.215	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	77245	50.202	ug/l	100
13) Acrolein	3.723	56	25801	149.125	ug/l	100
14) Allyl chloride	4.479	41	94557	50.860	ug/l	96
15) Acrylonitrile	5.155	53	93884	271.277	ug/l	100
16) Acetone	3.942	43	109655	366.237	ug/l	97
17) Carbon Disulfide	4.192	76	220513	47.746	ug/l	98
18) Methyl Acetate	4.473	43	43292	59.599	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	194621	54.267	ug/l	98
20) Methylene Chloride	4.716	84	95370	54.734	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	92427	51.304	ug/l	97
22) Diisopropyl ether	6.119	45	229329	53.454	ug/l	97
23) Vinyl Acetate	6.058	43	689954	269.883	ug/l	98
24) 1,1-Dichloroethane	6.015	63	150606	51.384	ug/l	100
25) 2-Butanone	6.984	43	136568	320.058	ug/l	99
26) 2,2-Dichloropropane	6.978	77	126720	51.423	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	107680	53.234	ug/l	97
28) Bromochloromethane	7.332	49	65233	56.512	ug/l	92
29) Tetrahydrofuran	7.350	42	72164	280.557	ug/l	98
30) Chloroform	7.509	83	162668	52.128	ug/l	98
31) Cyclohexane	7.789	56	119086	47.404	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	138103	50.975	ug/l	97
36) 1,1-Dichloropropene	7.917	75	120199	50.454	ug/l	98
37) Ethyl Acetate	7.076	43	49918	53.051	ug/l	98
38) Carbon Tetrachloride	7.899	117	125099	52.394	ug/l	98
39) Methylcyclohexane	9.185	83	146134	51.041	ug/l	98
40) Benzene	8.161	78	368723	52.117	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017664.D
 Acq On : 15 Mar 2024 08:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 16 00:47:11 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)
41) Methacrylonitrile	7.344	41	66049	139.882	ug/l	# 35
42) 1,2-Dichloroethane	8.240	62	91202	52.834	ug/l	97
43) Isopropyl Acetate	8.277	43	88947	53.794	ug/l	99
44) Trichloroethene	8.941	130	105228	51.602	ug/l	100
45) 1,2-Dichloropropane	9.216	63	87676	52.088	ug/l	96
46) Dibromomethane	9.307	93	52064	54.046	ug/l	95
47) Bromodichloromethane	9.496	83	125124	53.494	ug/l	97
48) Methyl methacrylate	9.295	41	43078	56.285	ug/l	96
49) 1,4-Dioxane	9.301	88	12669	1162.074	ug/l	# 92
51) 4-Methyl-2-Pentanone	10.075	43	259924	282.056	ug/l	97
52) Toluene	10.246	92	237394	53.226	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	119071	54.846	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	144214	54.668	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	75316	55.066	ug/l	98
56) Ethyl methacrylate	10.514	69	87670	51.997	ug/l	97
57) 1,3-Dichloropropane	10.795	76	120563	54.216	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	179600	227.557	ug/l	98
59) 2-Hexanone	10.837	43	207762	328.227	ug/l	97
60) Dibromochloromethane	10.990	129	91434	56.509	ug/l	100
61) 1,2-Dibromoethane	11.093	107	70922	56.268	ug/l	99
64) Tetrachloroethene	10.727	164	110561	50.841	ug/l	96
65) Chlorobenzene	11.520	112	255178	53.062	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	97585	54.165	ug/l	99
67) Ethyl Benzene	11.599	91	452924	53.703	ug/l	98
68) m/p-Xylenes	11.709	106	361737	109.153	ug/l	97
69) o-Xylene	12.032	106	167459	54.466	ug/l	98
70) Styrene	12.050	104	284767	55.799	ug/l	98
71) Bromoform	12.215	173	58135	58.230	ug/l	# 97
73) Isopropylbenzene	12.337	105	436432	52.422	ug/l	100
74) N-amyl acetate	12.148	43	79894	54.410	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	80531	56.330	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	98838	92.828	ug/l	# 100
77) Bromobenzene	12.611	156	107757	53.447	ug/l	95
78) n-propylbenzene	12.678	91	525337	52.589	ug/l	98
79) 2-Chlorotoluene	12.764	91	289385	51.741	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	356289	53.417	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	24636	53.166	ug/l	96
82) 4-Chlorotoluene	12.861	91	298005	52.094	ug/l	97
83) tert-Butylbenzene	13.081	119	312476	53.351	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	355151	53.934	ug/l	98
85) sec-Butylbenzene	13.258	105	473073	52.829	ug/l	99
86) p-Isopropyltoluene	13.373	119	396188	54.047	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	217417	53.725	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	207375	52.709	ug/l	99
89) n-Butylbenzene	13.703	91	354999	53.080	ug/l	99
90) Hexachloroethane	13.965	117	77300	52.599	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	187780	54.858	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10829	53.880	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	105590	58.400	ug/l	99
94) Hexachlorobutadiene	15.117	225	62069	55.602	ug/l	98
95) Naphthalene	15.245	128	184855	52.548	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	91087	58.725	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
Data File : VY017664.D
Acq On : 15 Mar 2024 08:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

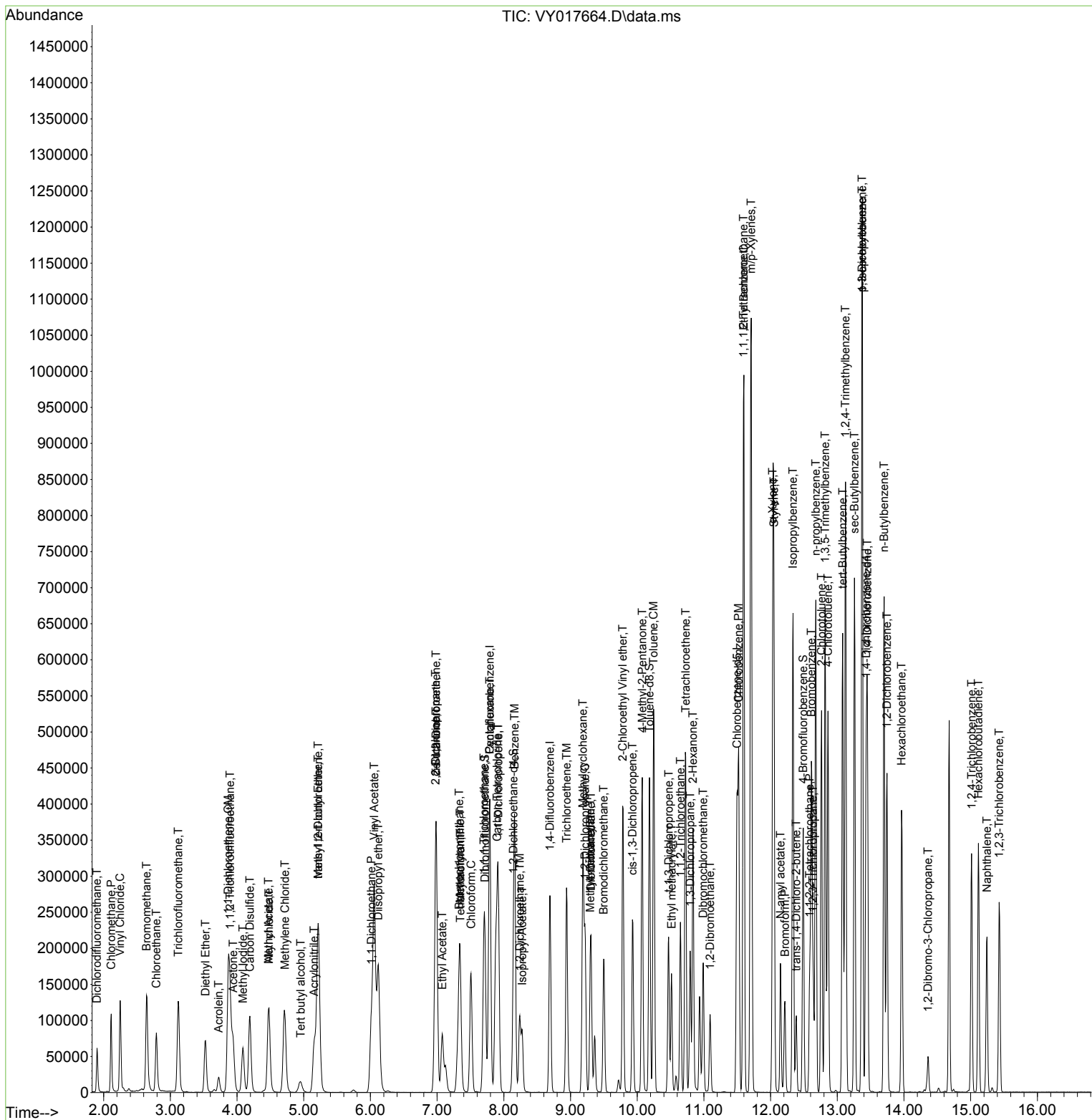
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

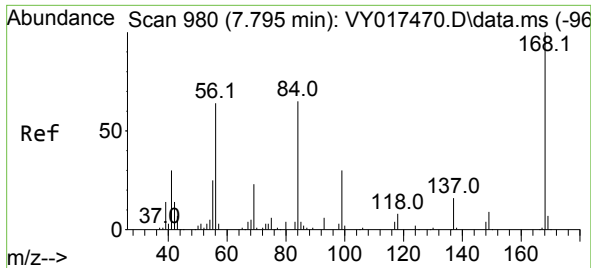
Quant Time: Mar 16 00:47:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Mar 16 00:47:11 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

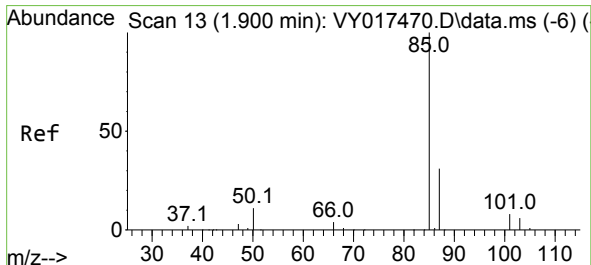
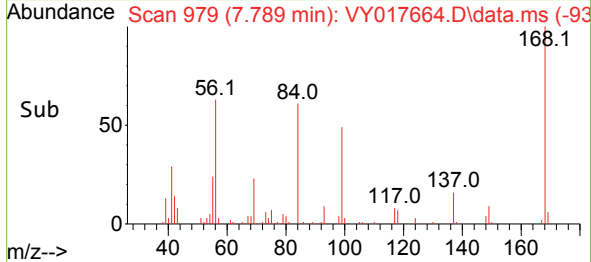
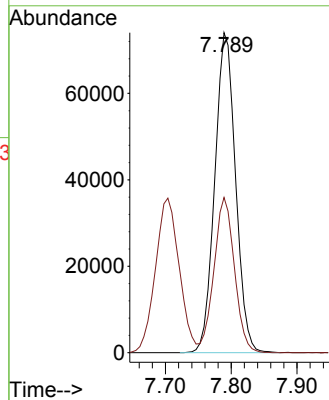
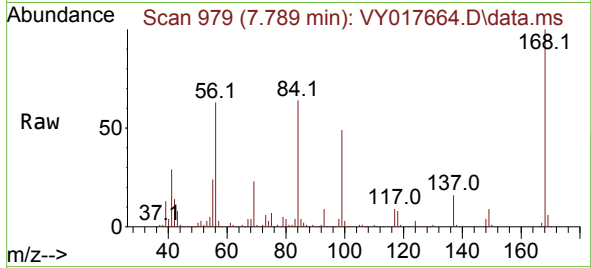




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

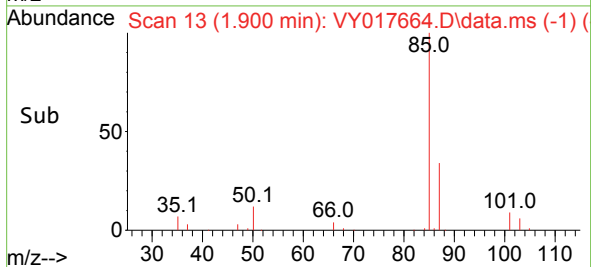
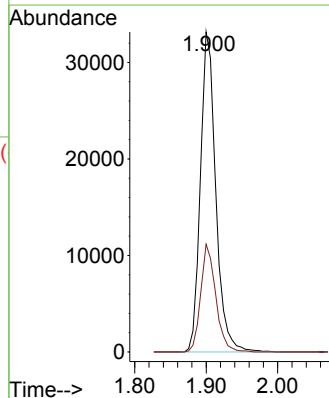
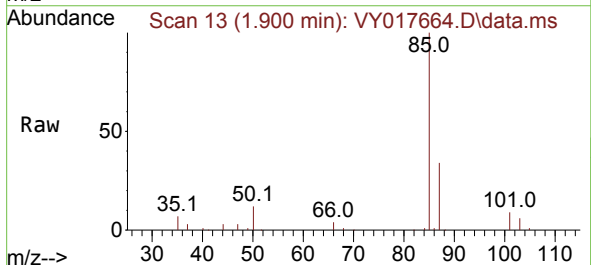
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

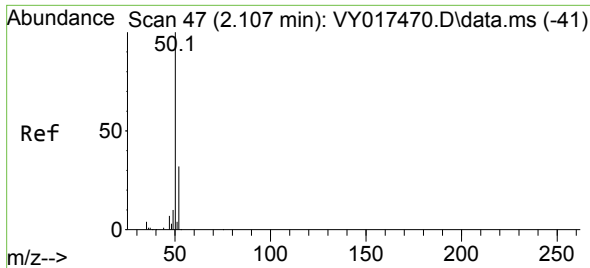
Tgt Ion:168 Resp: 162881
Ion Ratio Lower Upper
168 100
99 48.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 41.240 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion: 85 Resp: 49550
Ion Ratio Lower Upper
85 100
87 33.6 16.0 48.0

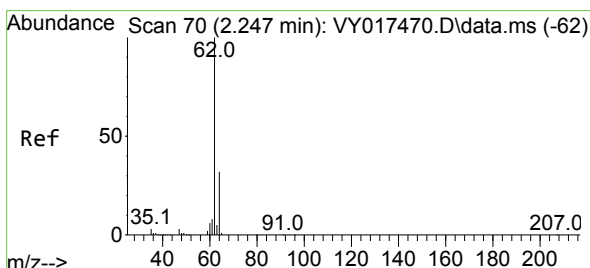
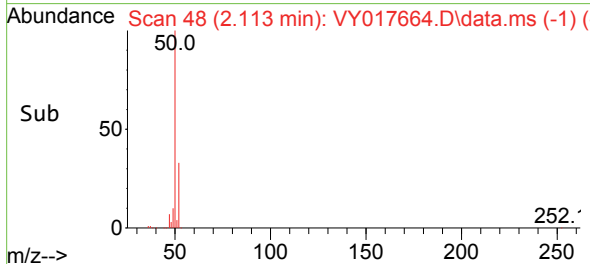
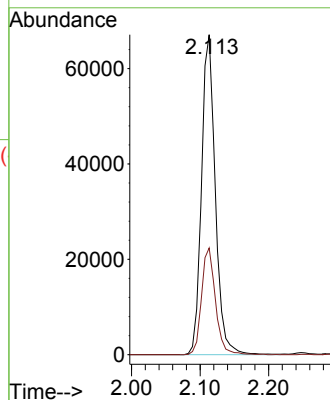
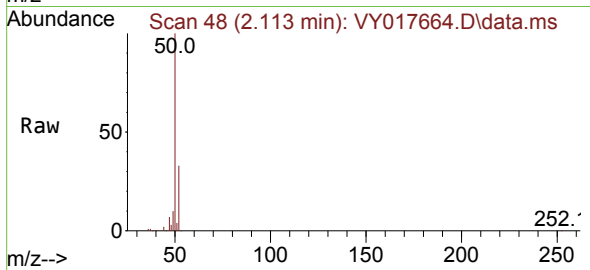




#3
Chloromethane
Concen: 42.875 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

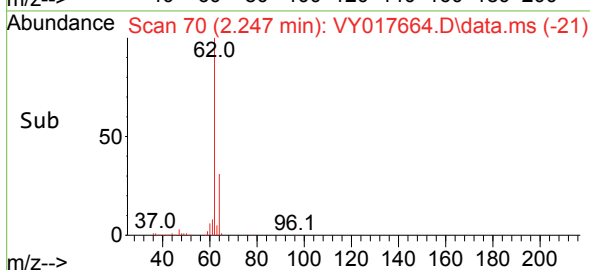
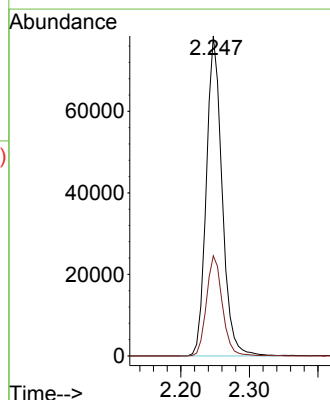
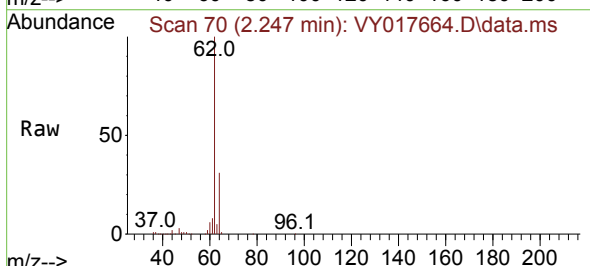
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

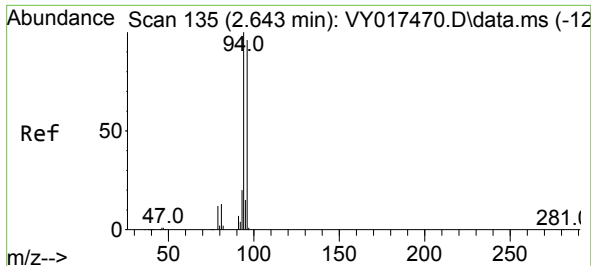
Tgt Ion: 50 Resp: 94123
Ion Ratio Lower Upper
50 100
52 33.3 25.6 38.4



#4
Vinyl Chloride
Concen: 44.621 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion: 62 Resp: 125668
Ion Ratio Lower Upper
62 100
64 31.3 26.1 39.1

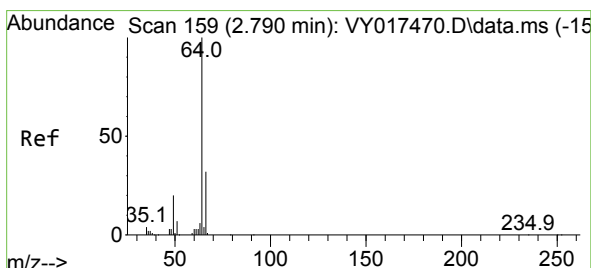
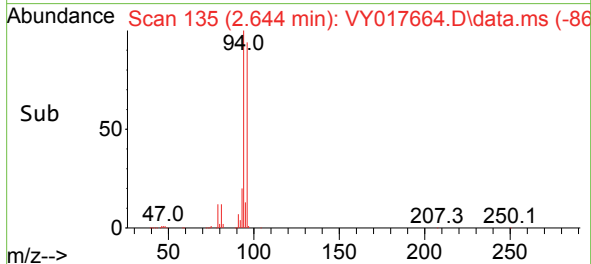
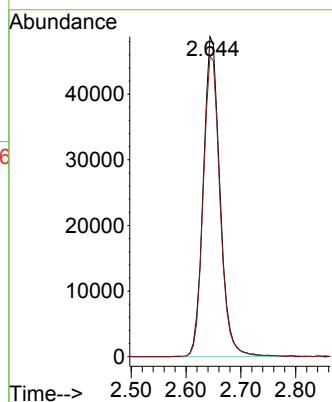
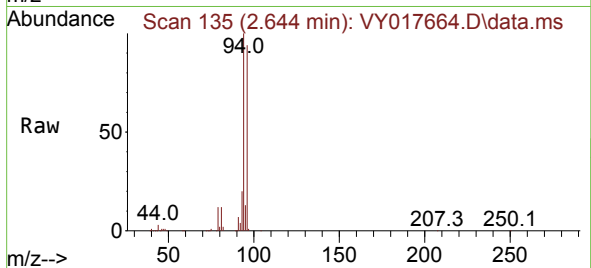




#5
Bromomethane
Concen: 44.940 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

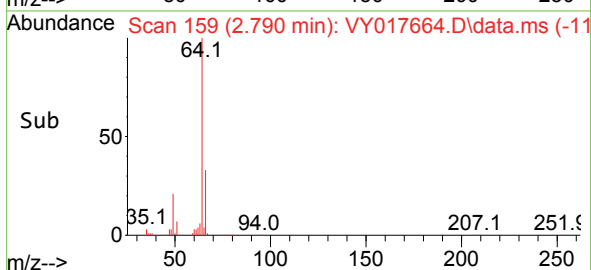
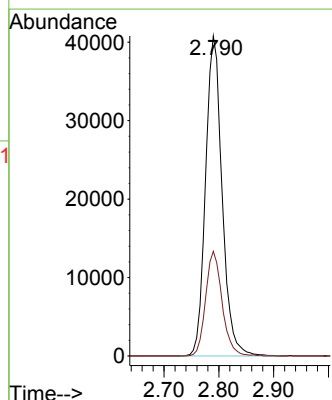
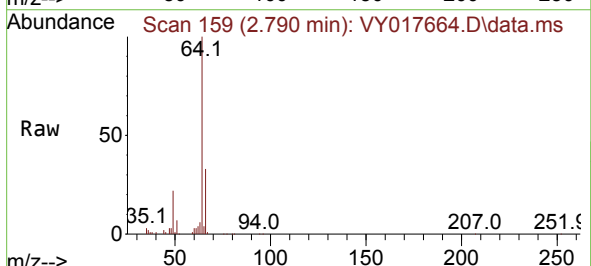
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

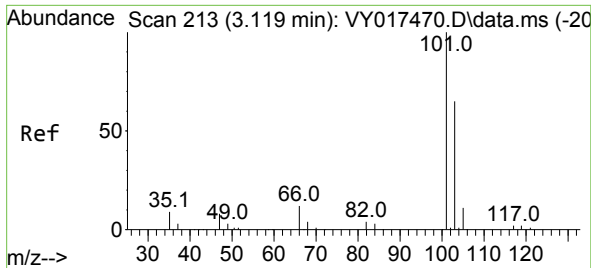
Tgt Ion: 94 Resp: 103143
Ion Ratio Lower Upper
94 100
96 93.7 74.1 111.1



#6
Chloroethane
Concen: 47.949 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion: 64 Resp: 85189
Ion Ratio Lower Upper
64 100
66 32.7 26.1 39.1

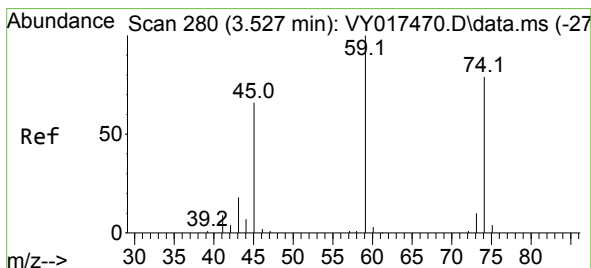
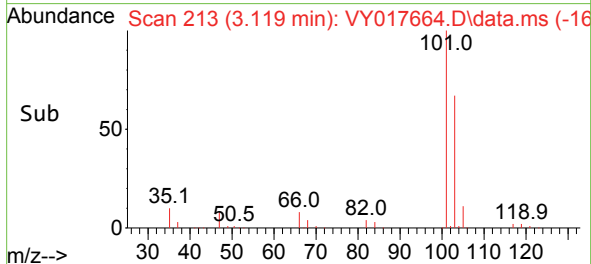
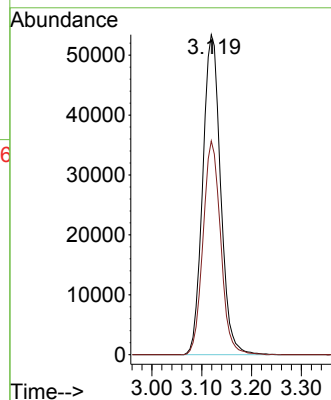
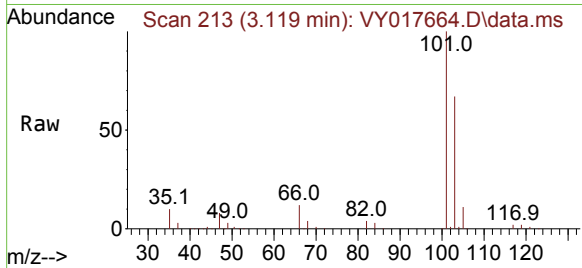




#7
 Trichlorofluoromethane
 Concen: 46.335 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017664.D
 Acq: 15 Mar 2024 08:56

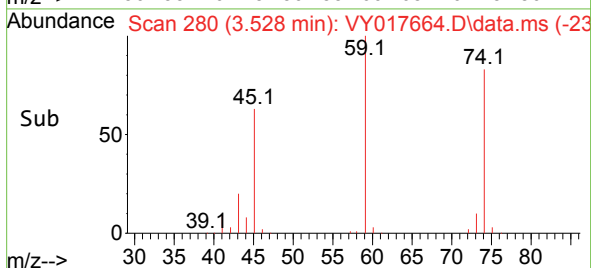
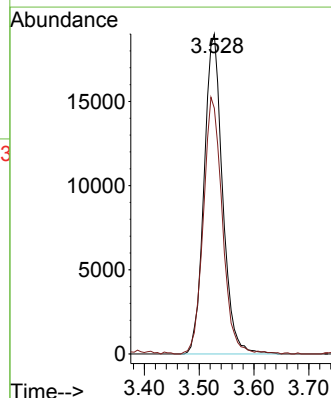
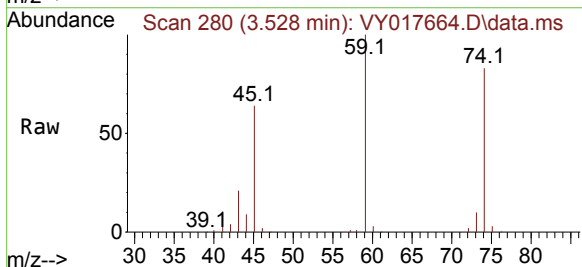
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

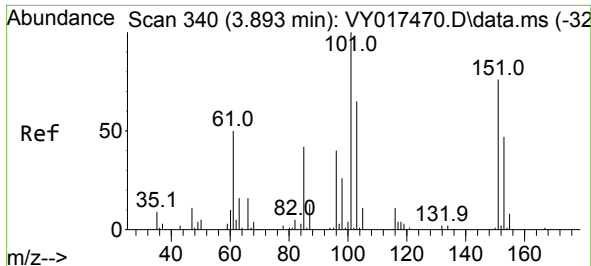
Tgt Ion:101 Resp: 132999
 Ion Ratio Lower Upper
 101 100
 103 66.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 52.755 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017664.D
 Acq: 15 Mar 2024 08:56

Tgt Ion: 74 Resp: 44414
 Ion Ratio Lower Upper
 74 100
 45 81.9 41.3 124.1

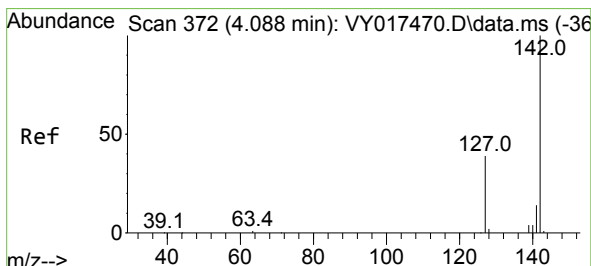
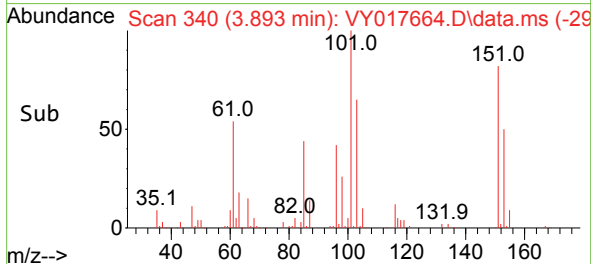
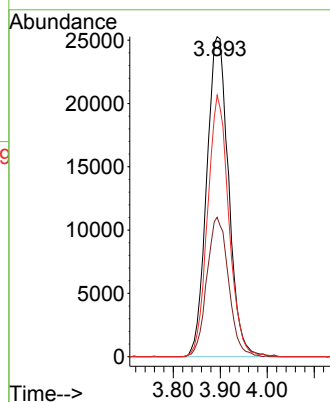
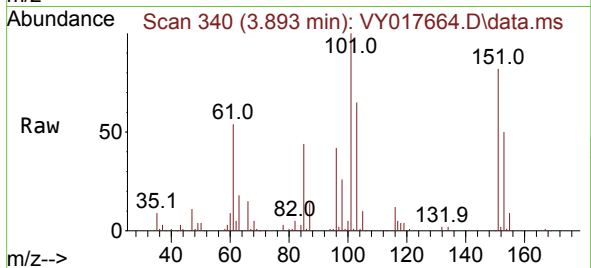




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.451 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

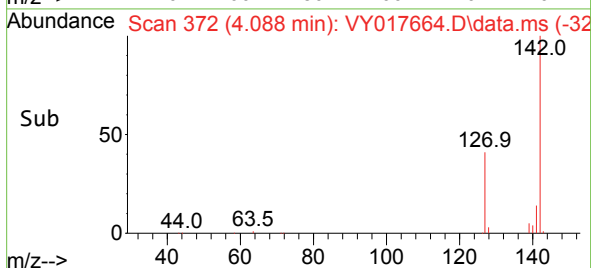
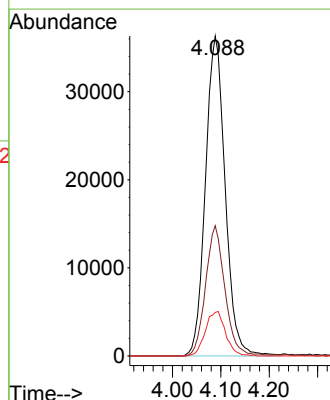
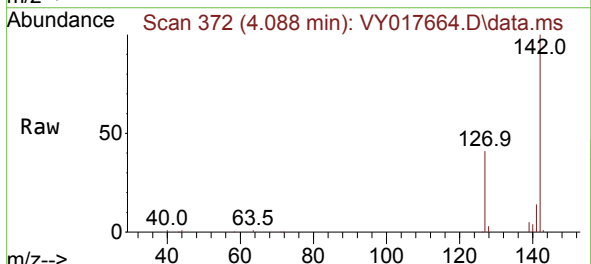
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

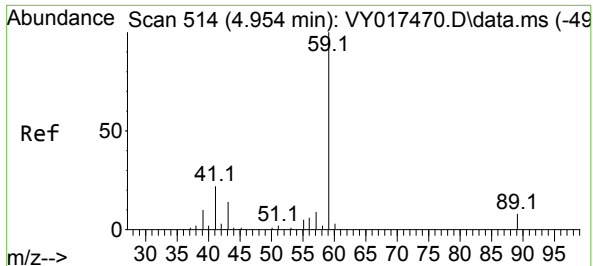
Tgt Ion:101 Resp: 81645
Ion Ratio Lower Upper
101 100
85 43.2 34.5 51.7
151 79.4 61.7 92.5



#10
Methyl Iodide
Concen: 55.503 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion:142 Resp: 102841
Ion Ratio Lower Upper
142 100
127 40.0 32.8 49.2
141 14.2 11.4 17.2

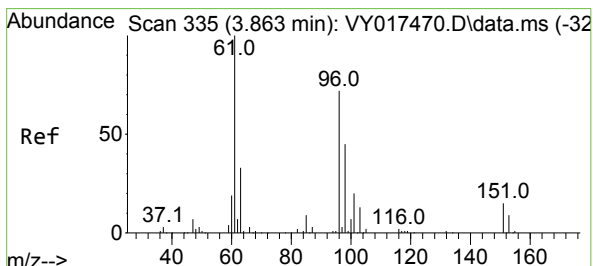
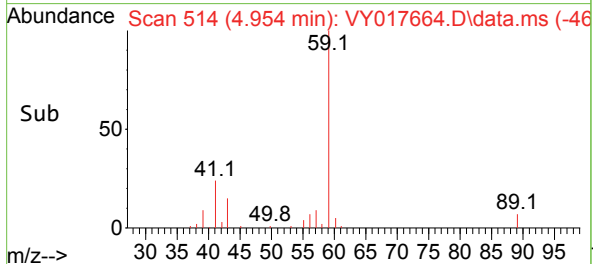
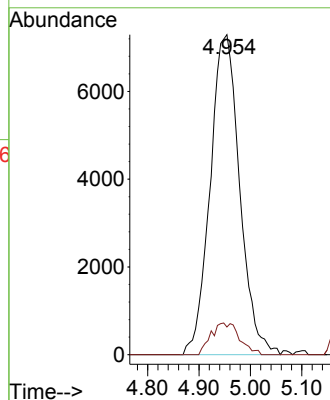
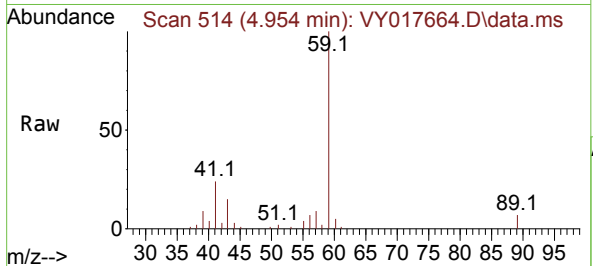




#11
Tert butyl alcohol
Concen: 222.215 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

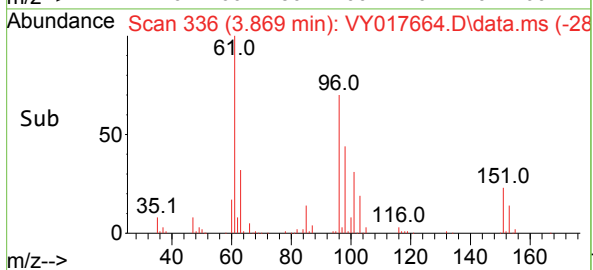
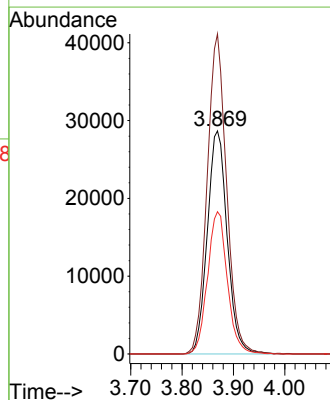
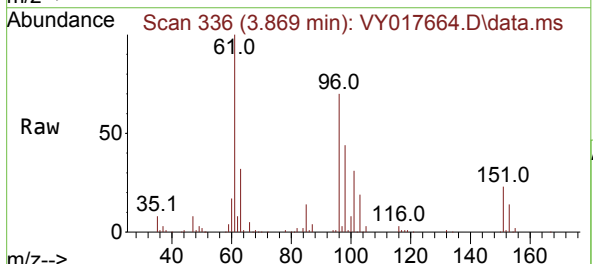
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

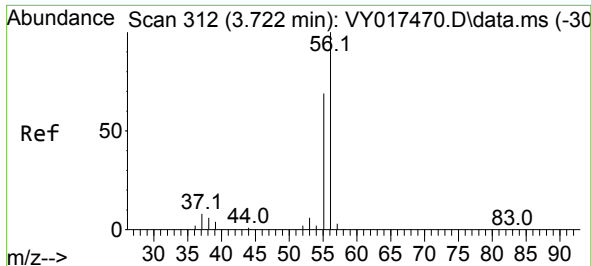
Tgt Ion: 59 Resp: 29138
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 50.202 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion: 96 Resp: 77245
Ion Ratio Lower Upper
96 100
61 143.5 114.6 171.8
98 63.8 50.8 76.2

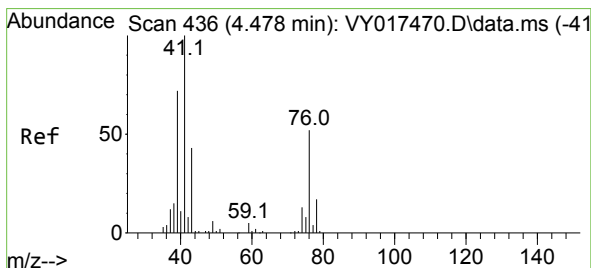
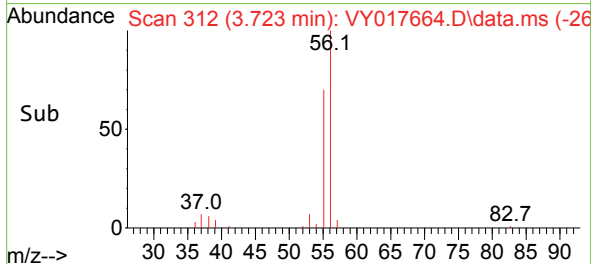
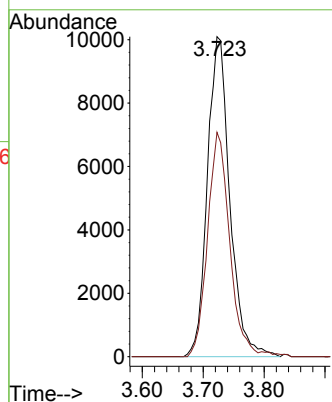
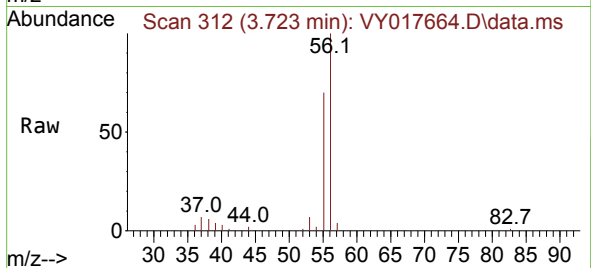




#13
Acrolein
Concen: 149.125 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

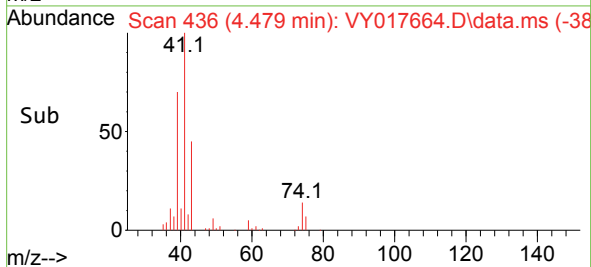
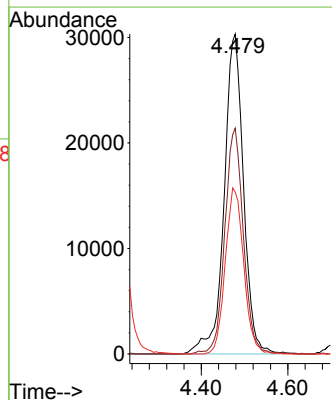
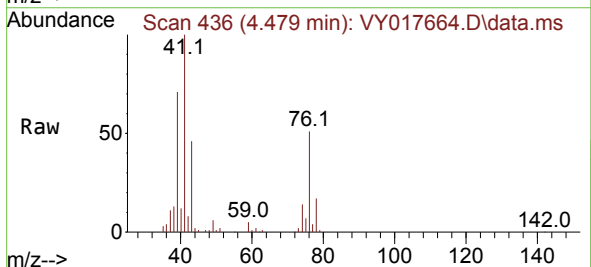
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

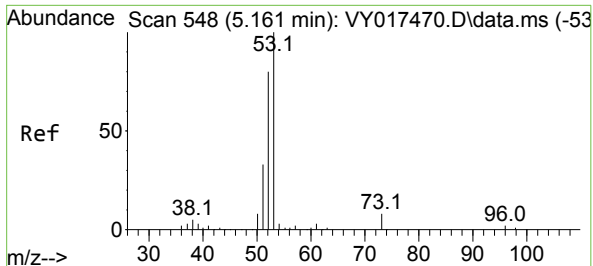
Tgt Ion: 56 Resp: 25801
Ion Ratio Lower Upper
56 100
55 69.8 55.7 83.5



#14
Allyl chloride
Concen: 50.860 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion: 41 Resp: 94557
Ion Ratio Lower Upper
41 100
39 67.6 58.3 87.5
76 49.4 39.0 58.6

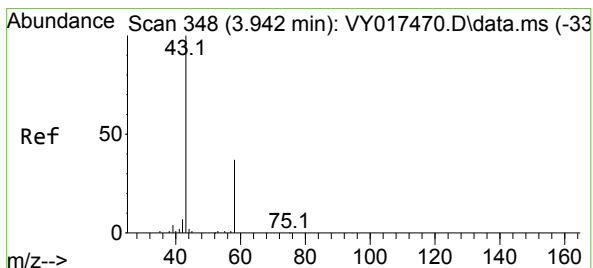
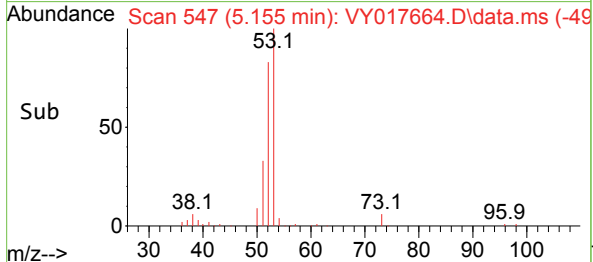
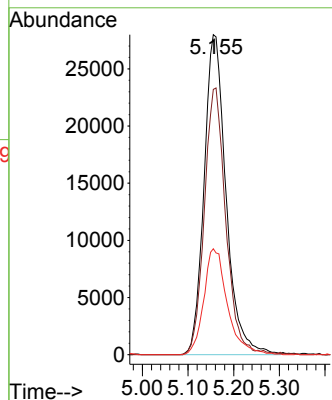
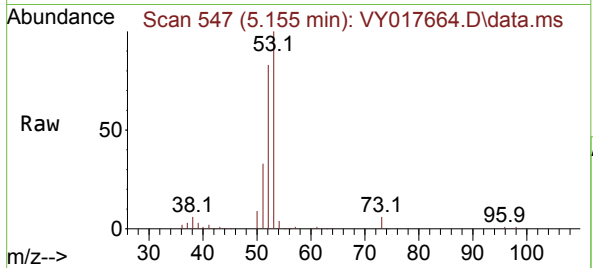




#15
Acrylonitrile
Concen: 271.277 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

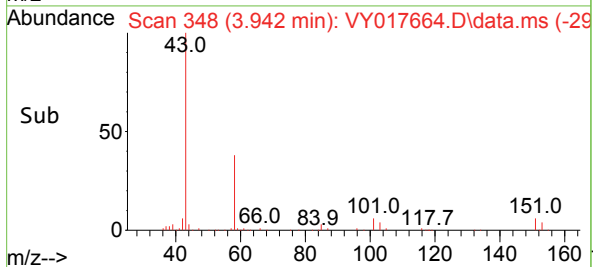
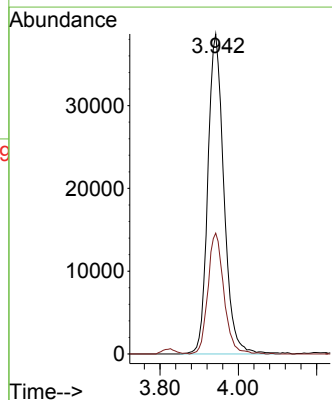
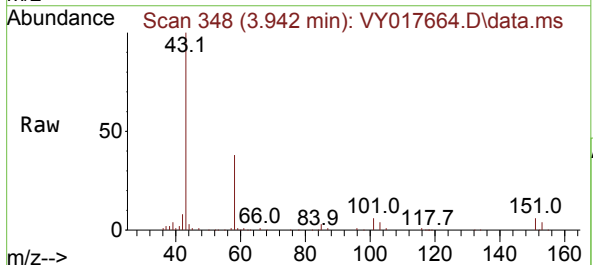
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

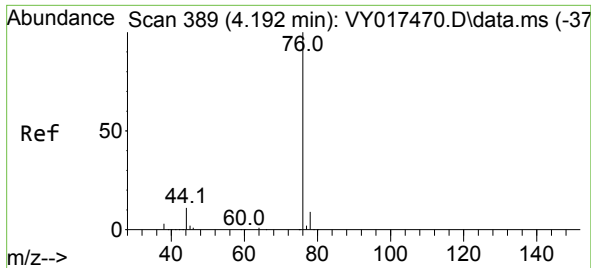
Tgt Ion:	53	Resp:	93884
Ion	Ratio	Lower	Upper
53	100		
52	81.3	64.7	97.1
51	35.4	28.4	42.6



#16
Acetone
Concen: 366.237 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion:	43	Resp:	109655
Ion	Ratio	Lower	Upper
43	100		
58	37.8	31.7	47.5

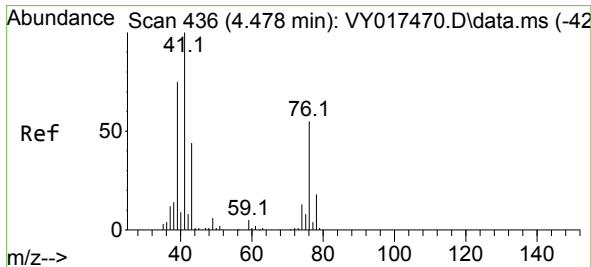
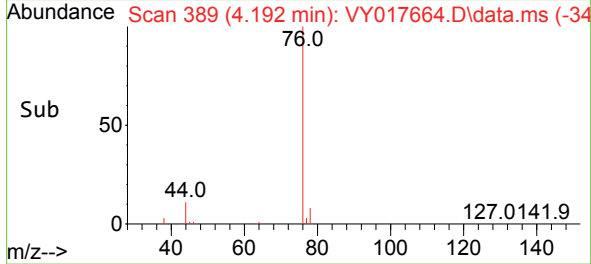
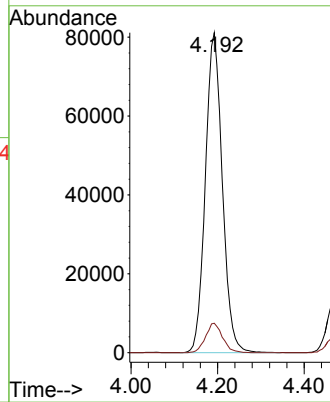
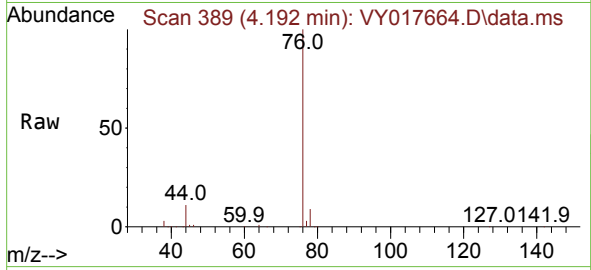




#17
Carbon Disulfide
Concen: 47.746 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

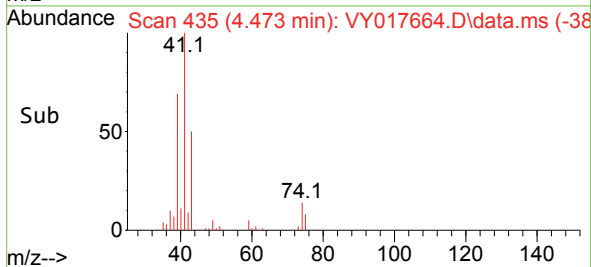
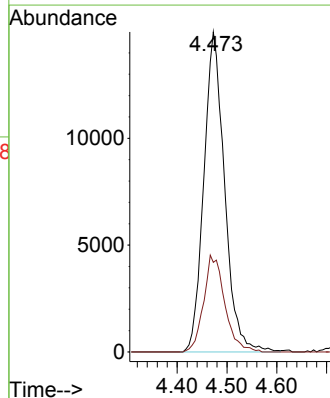
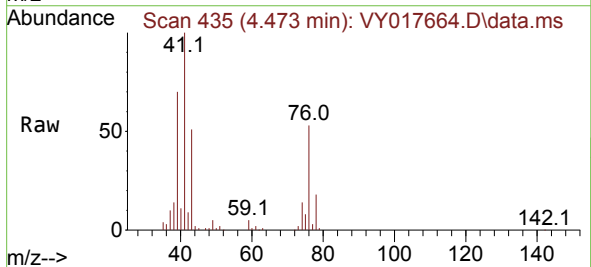
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

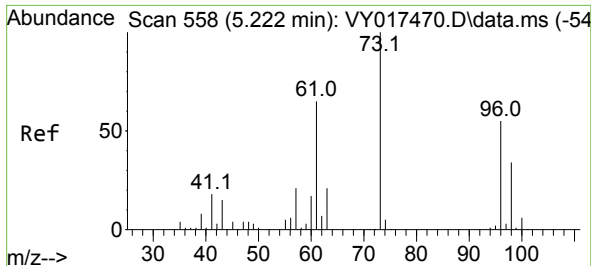
Tgt Ion: 76 Resp: 220513
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 59.599 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion: 43 Resp: 43292
Ion Ratio Lower Upper
43 100
74 30.8 23.3 34.9

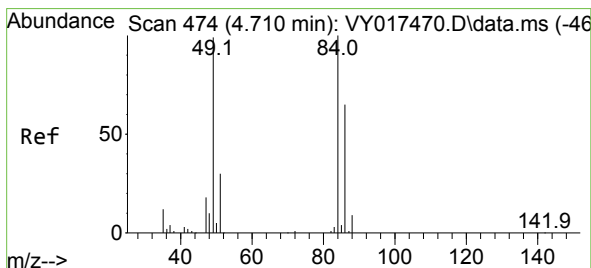
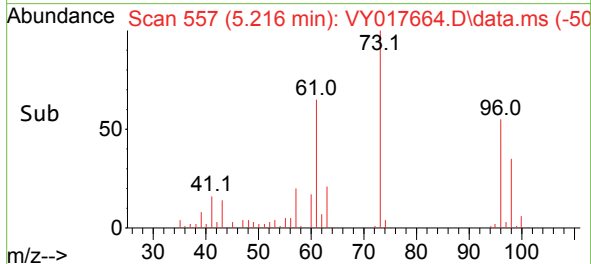
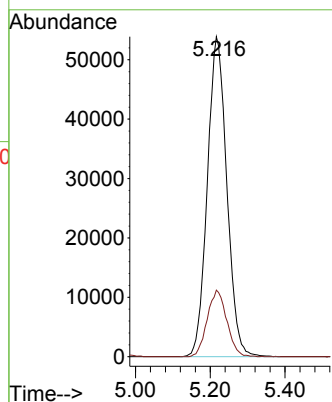
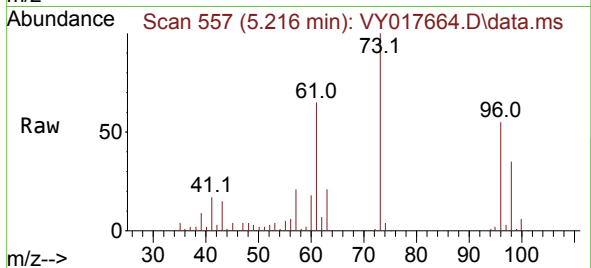




#19
Methyl tert-butyl Ether
Concen: 54.267 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

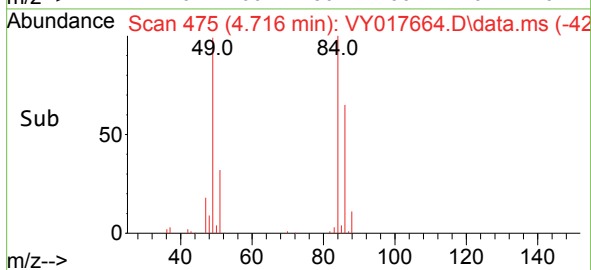
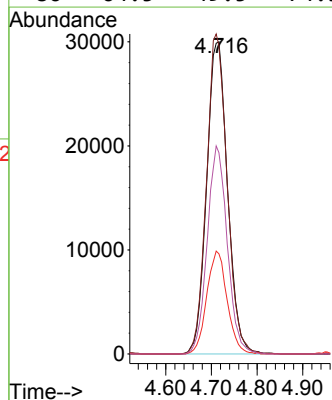
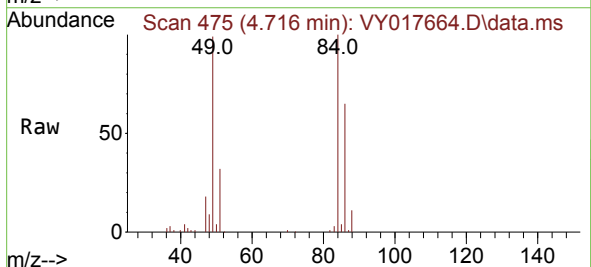
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

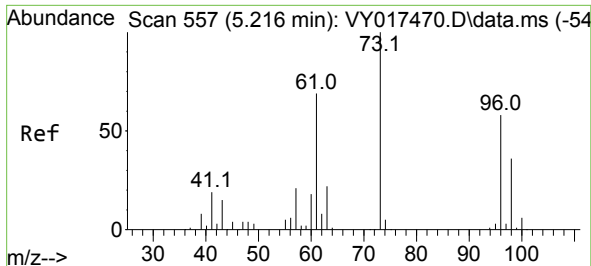
Tgt Ion: 73 Resp: 194621
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9



#20
Methylene Chloride
Concen: 54.734 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion: 84 Resp: 95370
Ion Ratio Lower Upper
84 100
49 98.7 84.4 126.6
51 32.1 26.0 39.0
86 64.5 49.5 74.3

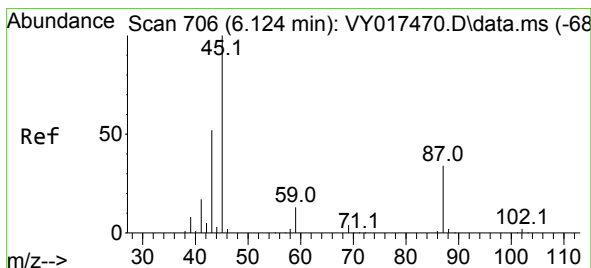
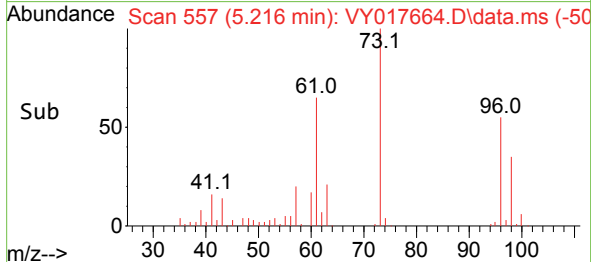
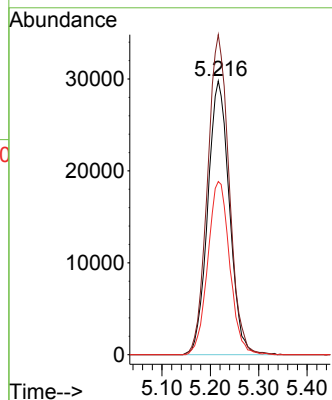
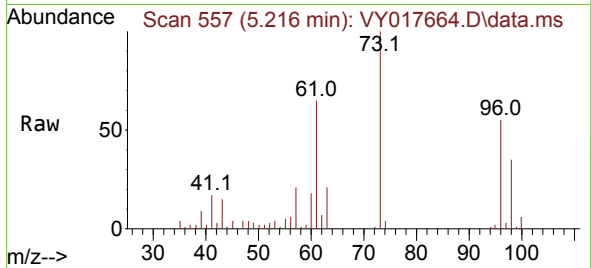




#21
trans-1,2-Dichloroethene
Concen: 51.304 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

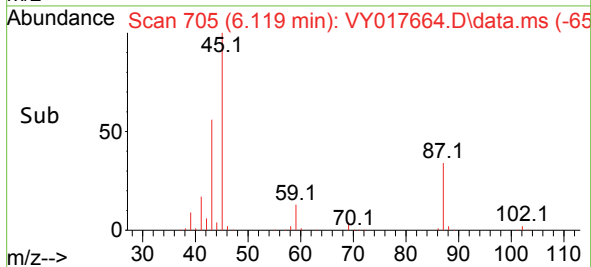
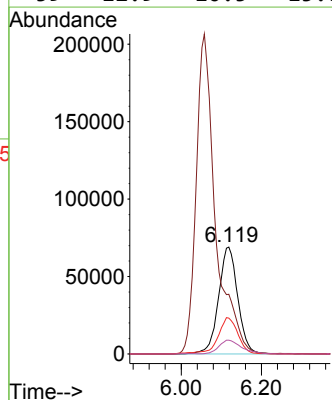
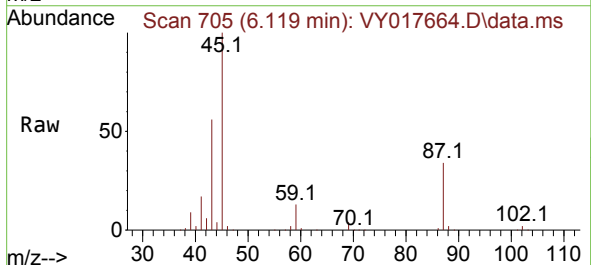
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

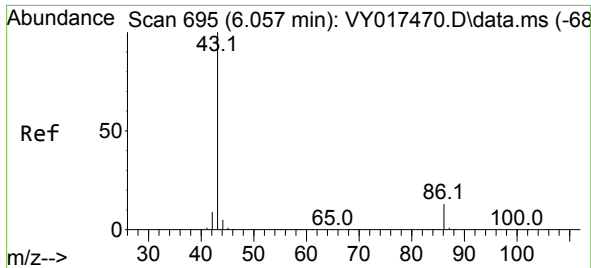
Tgt Ion: 96 Resp: 92427
Ion Ratio Lower Upper
96 100
61 116.9 97.5 146.3
98 63.2 50.5 75.7



#22
Diisopropyl ether
Concen: 53.454 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion: 45 Resp: 229329
Ion Ratio Lower Upper
45 100
43 55.3 42.2 63.2
87 33.5 25.0 37.6
59 12.9 10.5 15.7

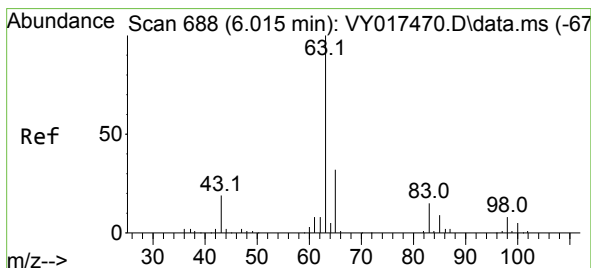
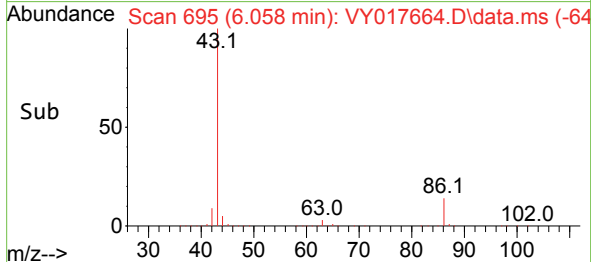
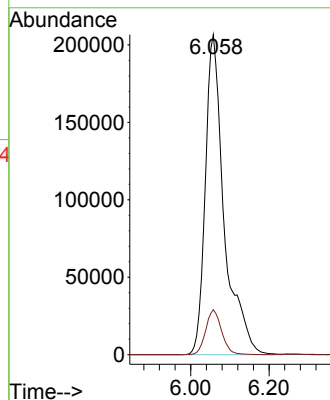
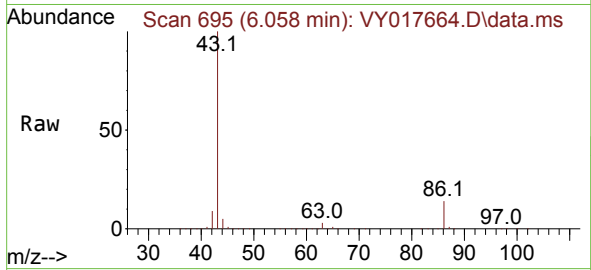




#23
 Vinyl Acetate
 Concen: 269.883 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017664.D
 Acq: 15 Mar 2024 08:56

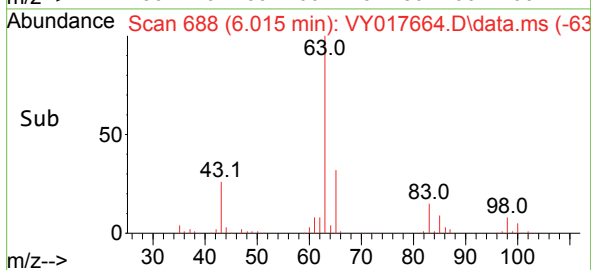
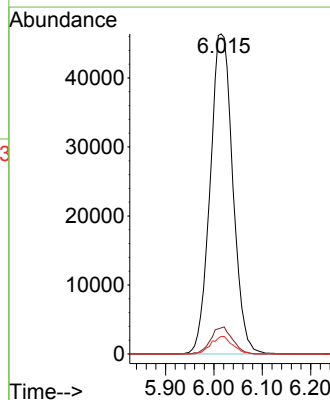
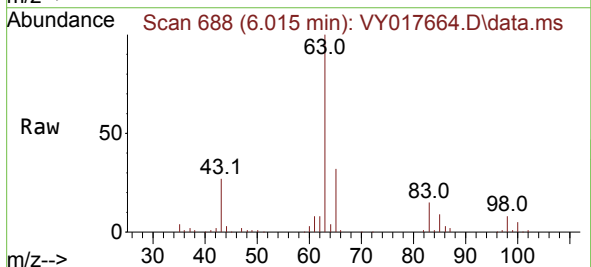
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

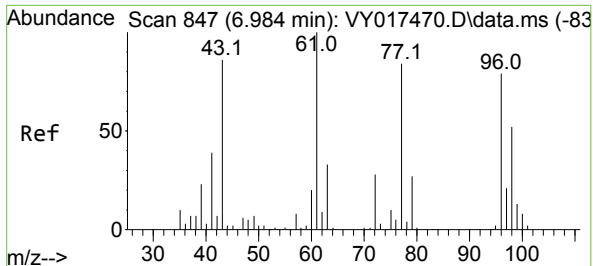
Tgt Ion: 43 Resp: 689954
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 51.384 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017664.D
 Acq: 15 Mar 2024 08:56

Tgt Ion: 63 Resp: 150606
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 5.5 2.6 8.0





#25

2-Butanone

Concen: 320.058 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Instrument :

MSVOA_Y

ClientSampleId :

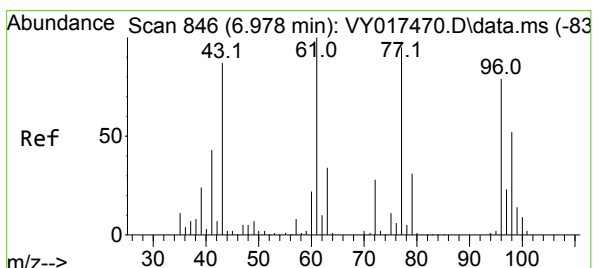
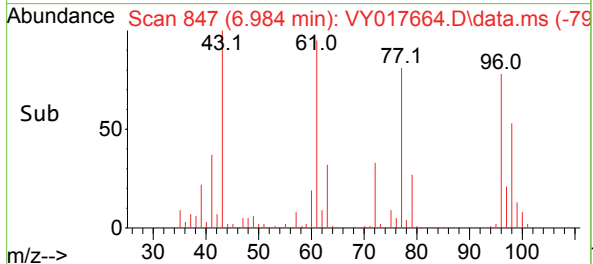
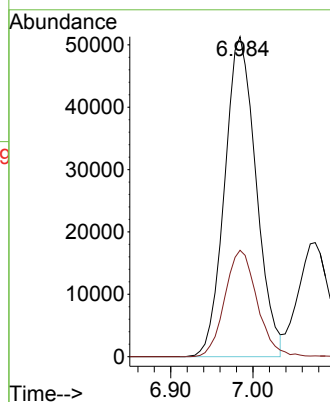
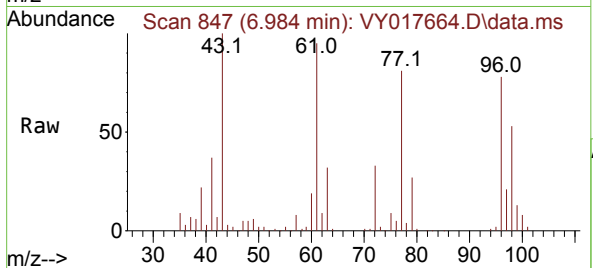
VSTDCCC050

Tgt Ion: 43 Resp: 136568

Ion Ratio Lower Upper

43 100

72 33.2 27.3 40.9



#26

2,2-Dichloropropane

Concen: 51.423 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017664.D

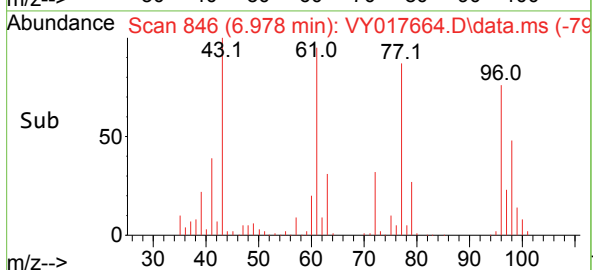
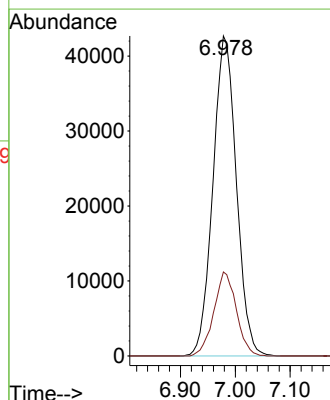
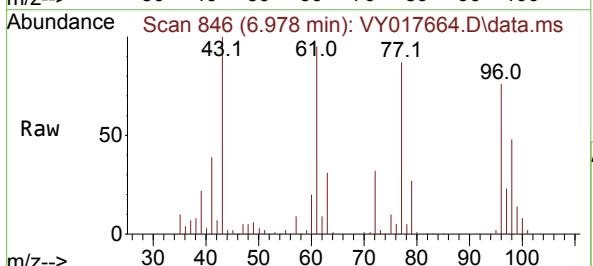
Acq: 15 Mar 2024 08:56

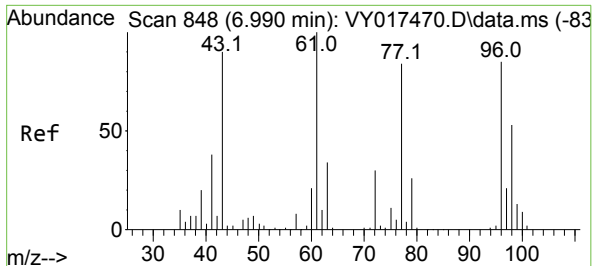
Tgt Ion: 77 Resp: 126720

Ion Ratio Lower Upper

77 100

97 25.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 53.234 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

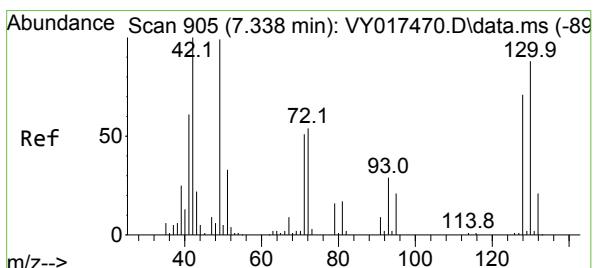
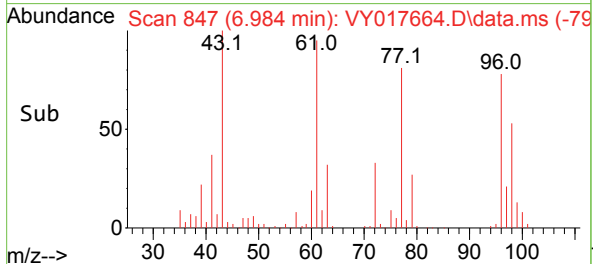
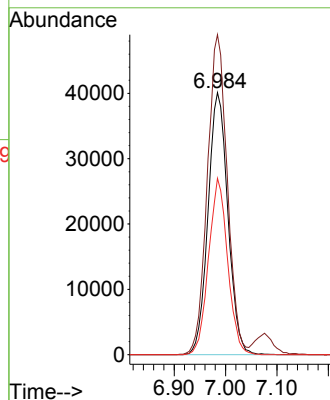
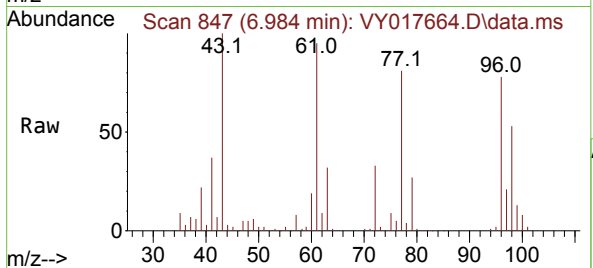
Tgt Ion: 96 Resp: 107680

Ion Ratio Lower Upper

96 100

61 122.9 0.0 256.2

98 64.6 0.0 130.0



#28

Bromochloromethane

Concen: 56.512 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

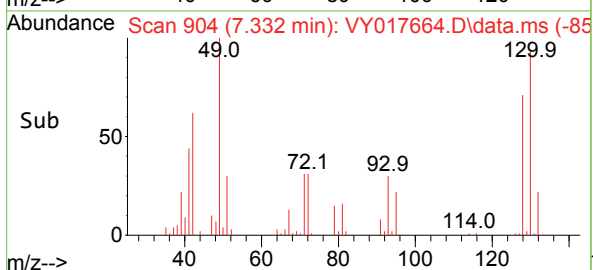
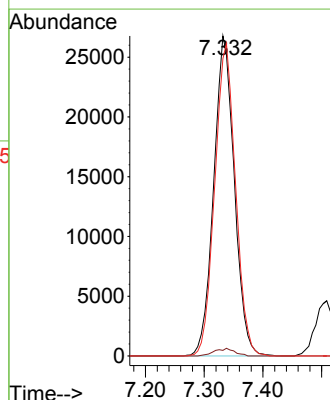
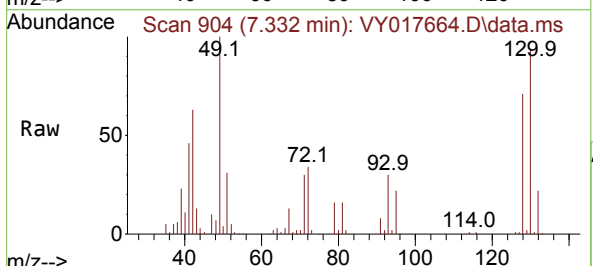
Tgt Ion: 49 Resp: 65233

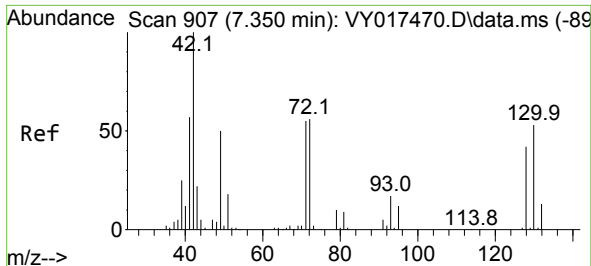
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 98.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 280.557 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

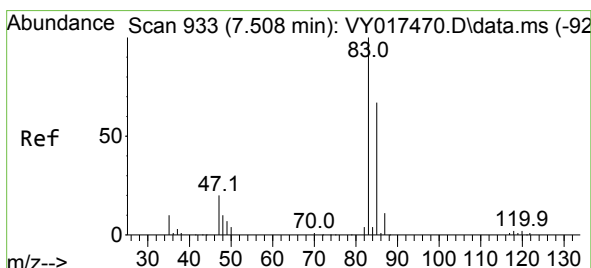
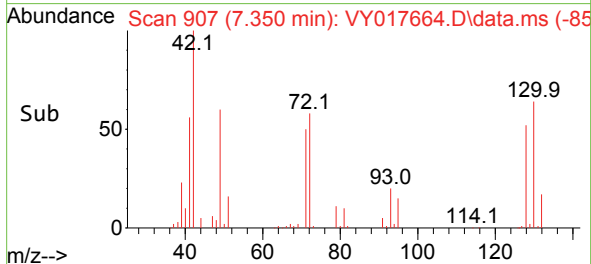
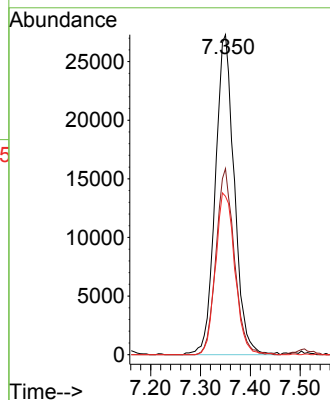
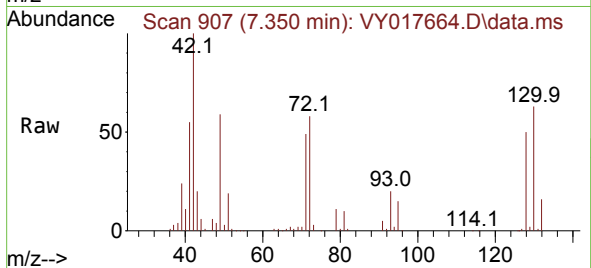
Tgt Ion: 42 Resp: 72164

Ion Ratio Lower Upper

42 100

72 56.2 43.0 64.4

71 51.7 40.8 61.2



#30

Chloroform

Concen: 52.128 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017664.D

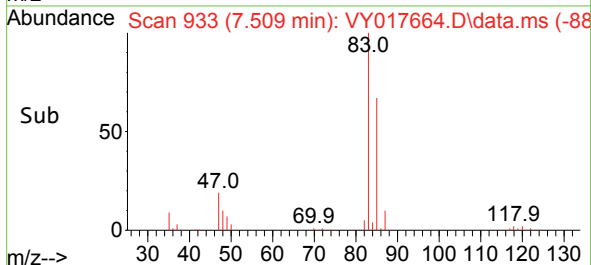
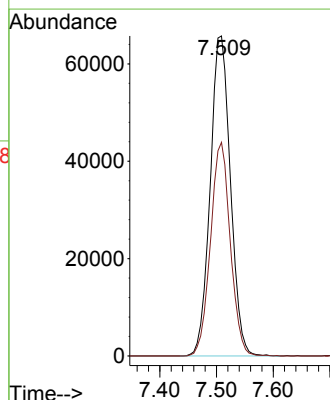
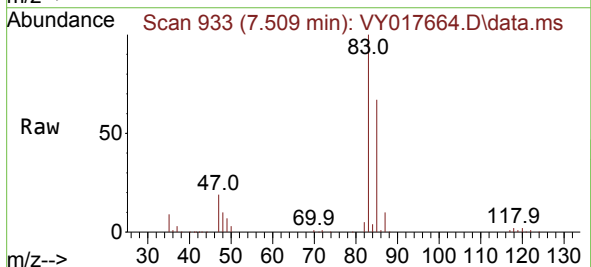
Acq: 15 Mar 2024 08:56

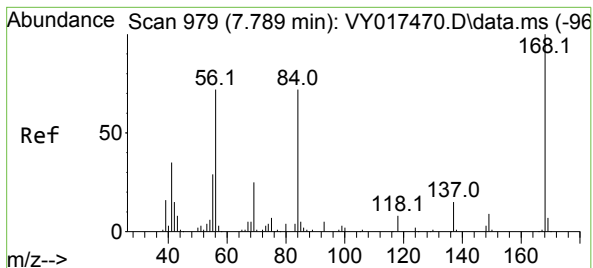
Tgt Ion: 83 Resp: 162668

Ion Ratio Lower Upper

83 100

85 66.7 52.2 78.4





#31

Cyclohexane

Concen: 47.404 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

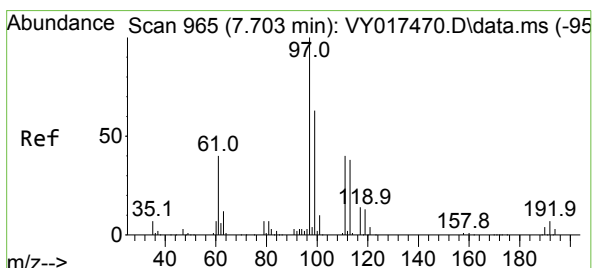
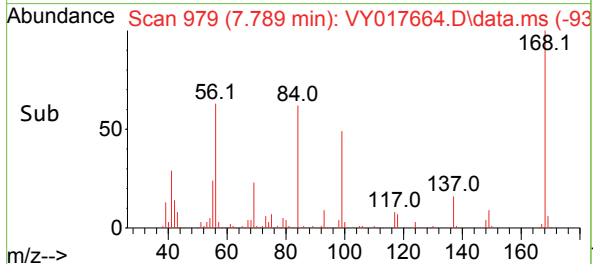
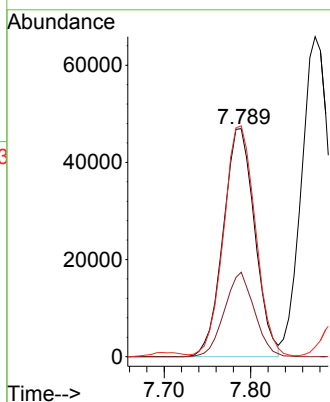
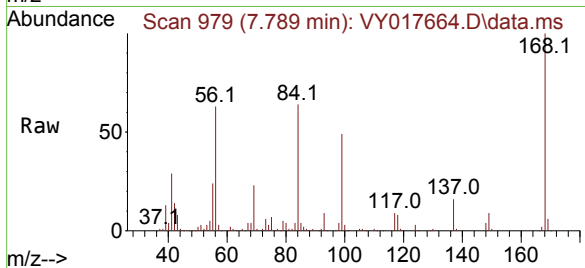
Tgt Ion: 56 Resp: 119086

Ion Ratio Lower Upper

56 100

69 37.0 28.7 43.1

84 99.8 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 50.975 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

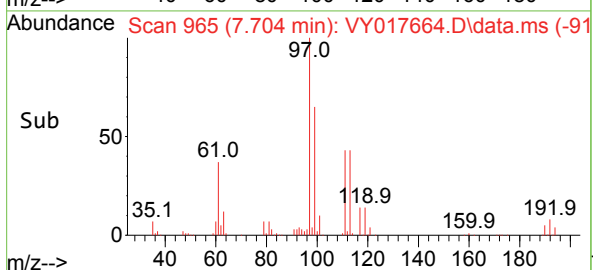
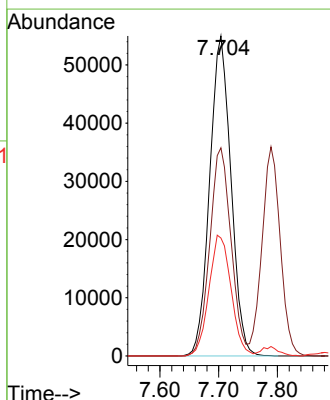
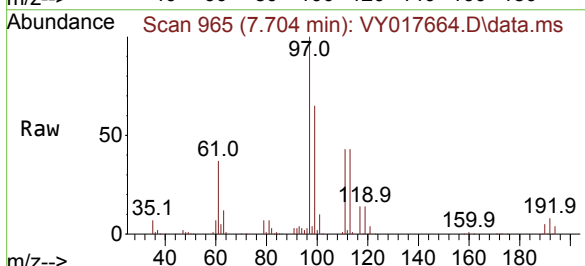
Tgt Ion: 97 Resp: 138103

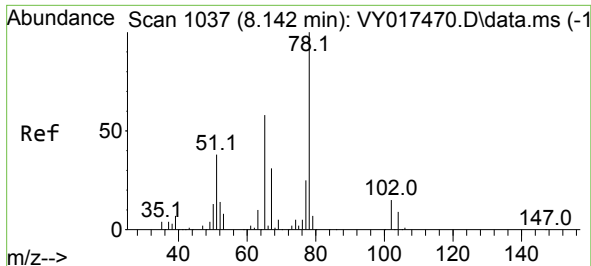
Ion Ratio Lower Upper

97 100

99 65.1 50.3 75.5

61 39.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 45.878 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Instrument :

MSVOA_Y

ClientSampleId :

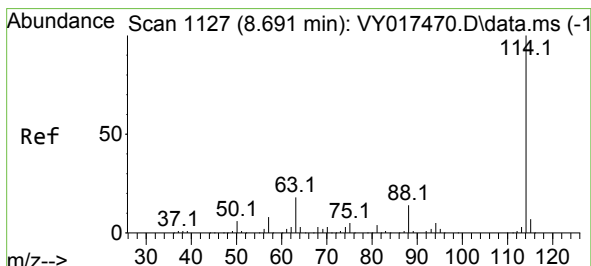
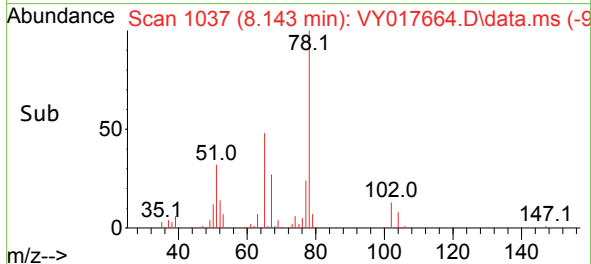
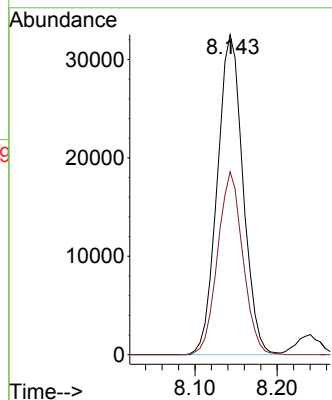
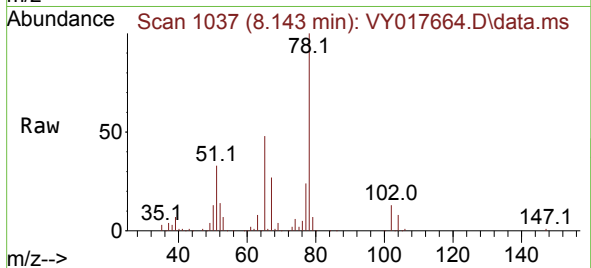
VSTDCCC050

Tgt Ion: 65 Resp: 70821

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: VY017664.D

Acq: 15 Mar 2024 08:56

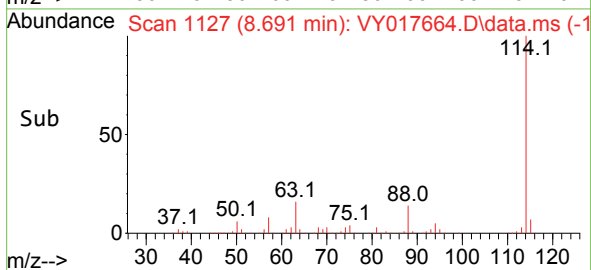
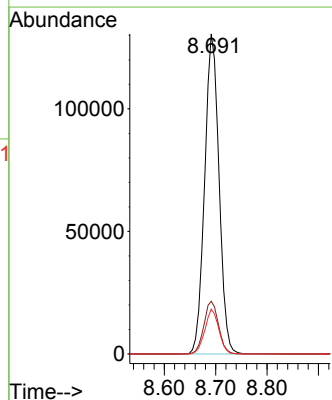
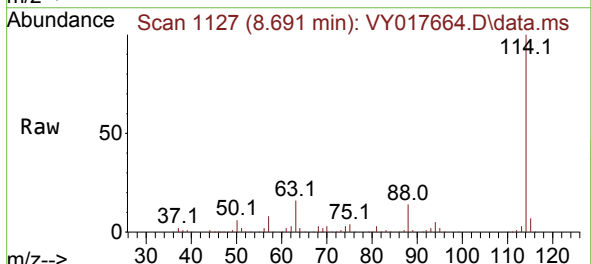
Tgt Ion: 114 Resp: 253394

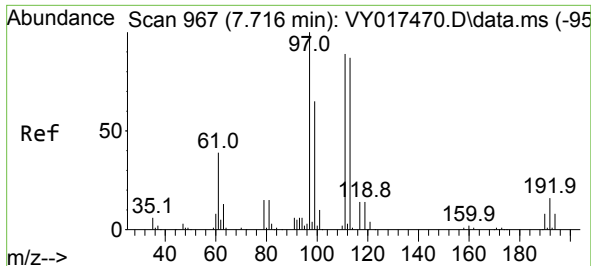
Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 14.0 0.0 27.2

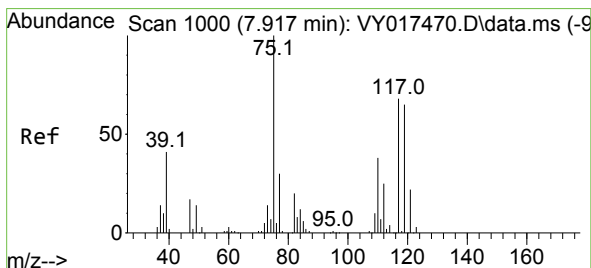
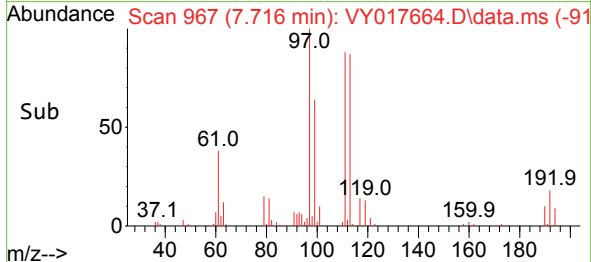
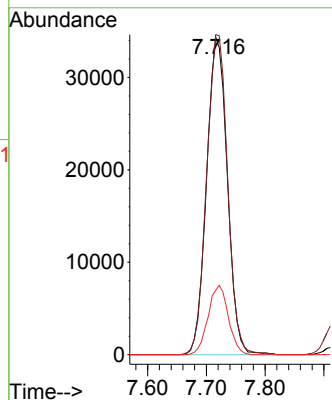
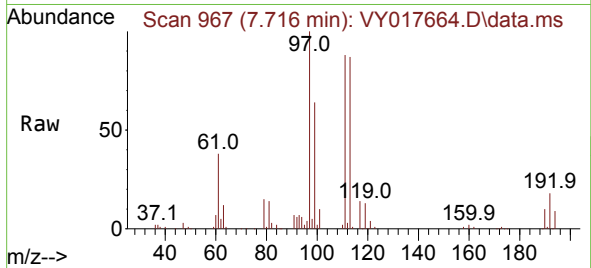




#35
Dibromofluoromethane
Concen: 47.666 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

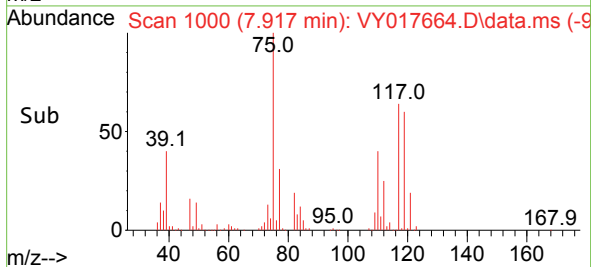
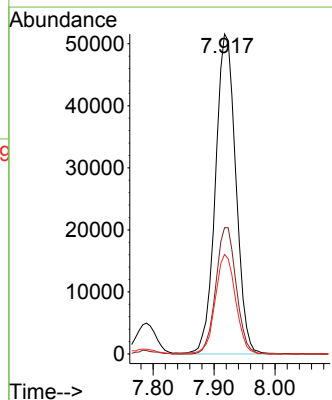
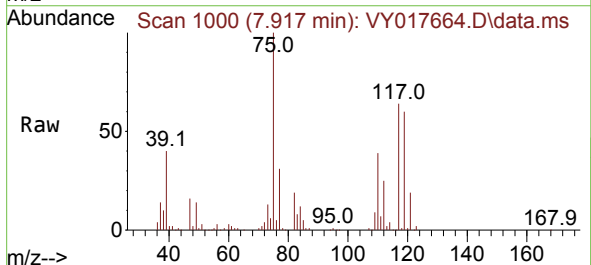
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

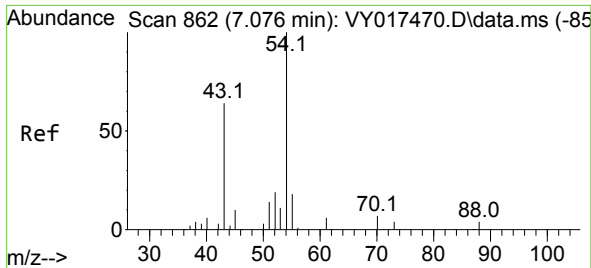
Tgt Ion:113 Resp: 84165
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 21.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 50.454 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion: 75 Resp: 120199
Ion Ratio Lower Upper
75 100
110 39.3 19.0 57.0
77 31.0 25.3 37.9

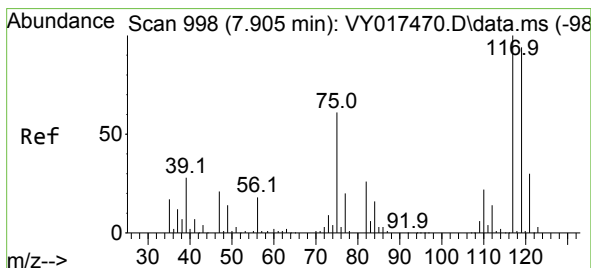
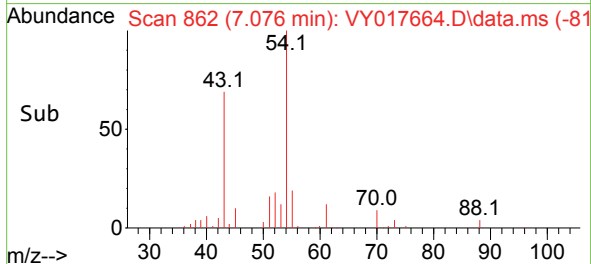
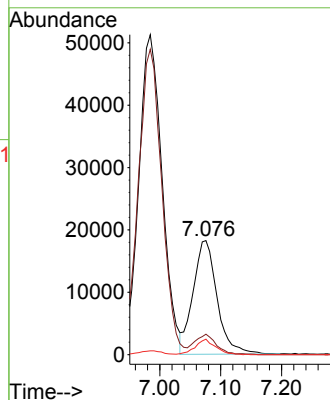
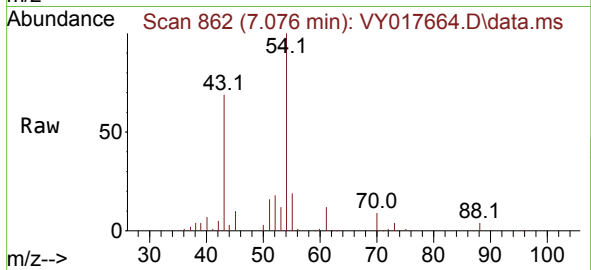




#37
Ethyl Acetate
Concen: 53.051 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

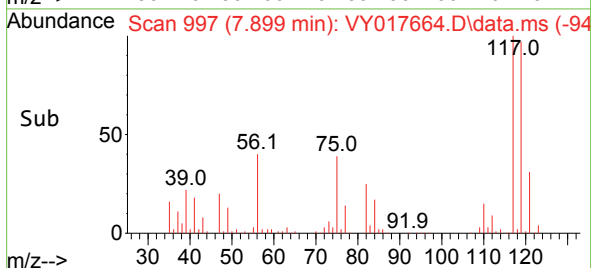
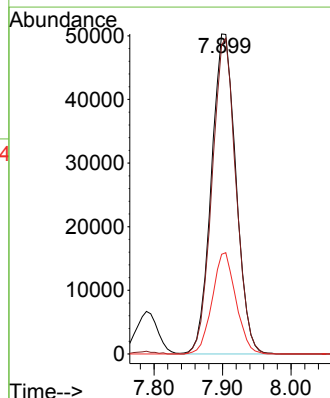
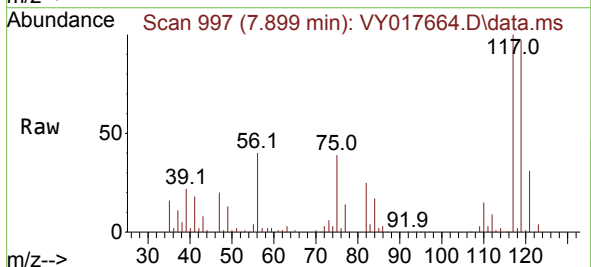
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

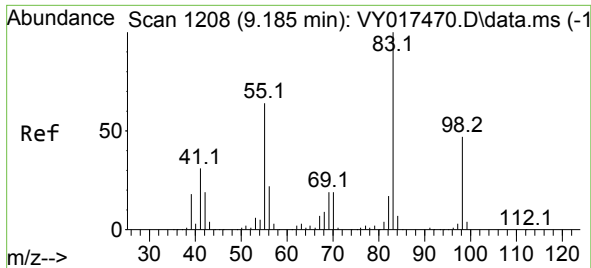
Tgt Ion:	43	Resp:	49918
Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.6	19.0
70	11.5	7.8	11.8



#38
Carbon Tetrachloride
Concen: 52.394 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion:	117	Resp:	125099
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.8	113.6
121	31.1	24.0	36.0

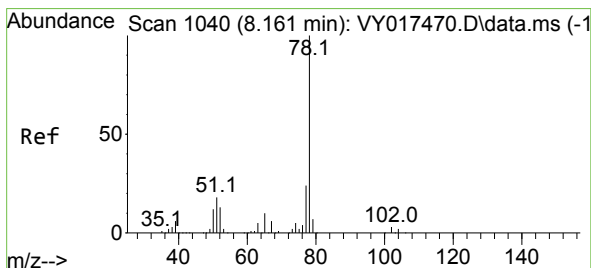
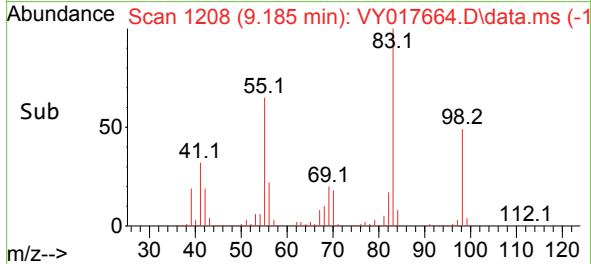
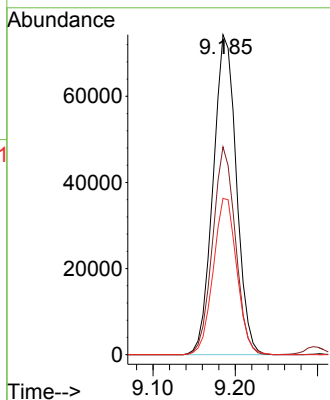
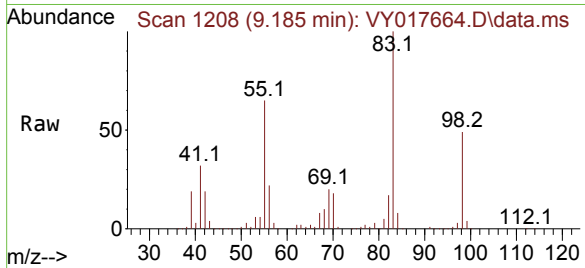




#39
Methylcyclohexane
Concen: 51.041 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

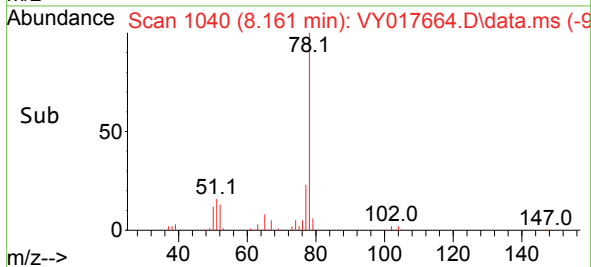
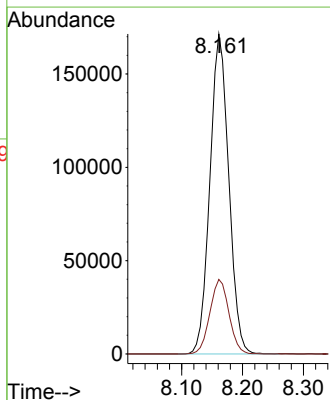
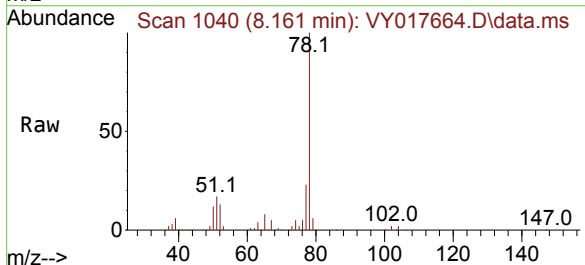
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

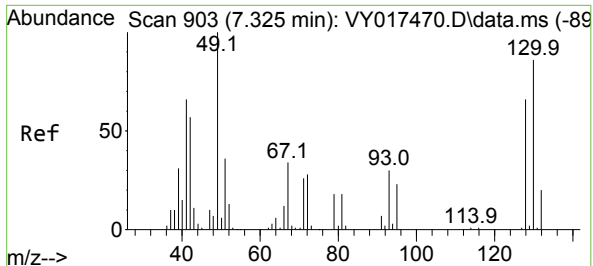
Tgt Ion: 83 Resp: 146134
Ion Ratio Lower Upper
83 100
55 64.9 51.5 77.3
98 48.8 40.5 60.7



#40
Benzene
Concen: 52.117 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

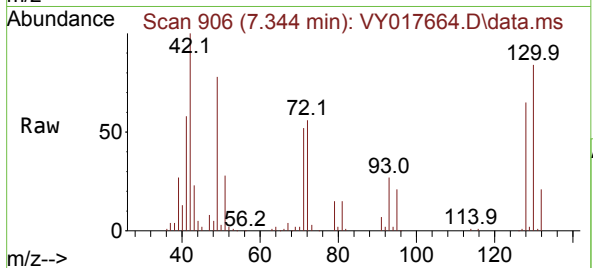
Tgt Ion: 78 Resp: 368723
Ion Ratio Lower Upper
78 100
77 23.3 19.5 29.3



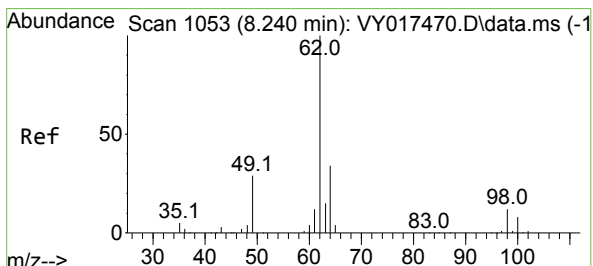
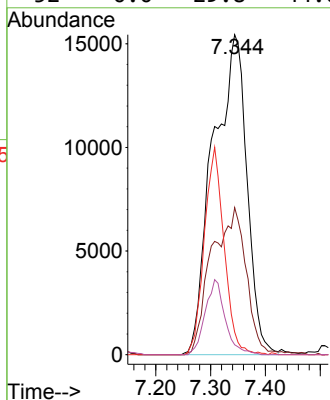
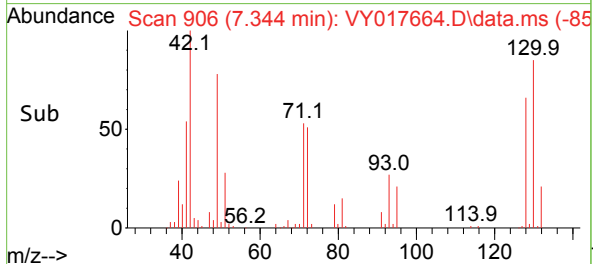


#41
Methacrylonitrile
Concen: 139.882 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.019 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

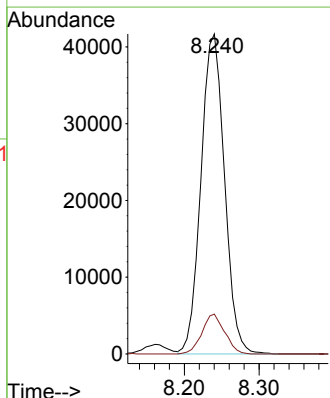
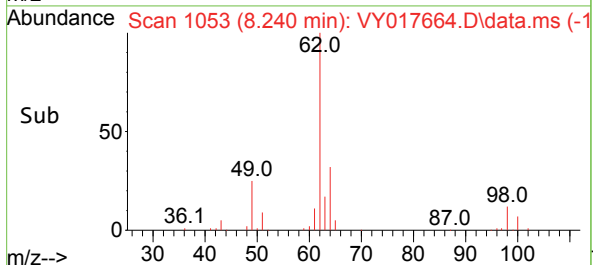
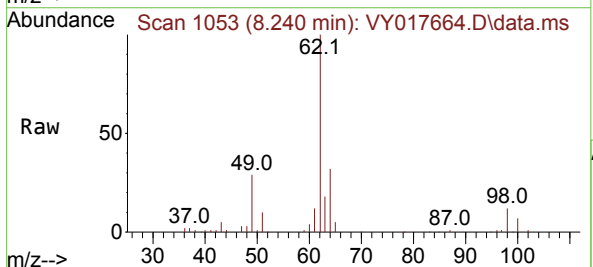


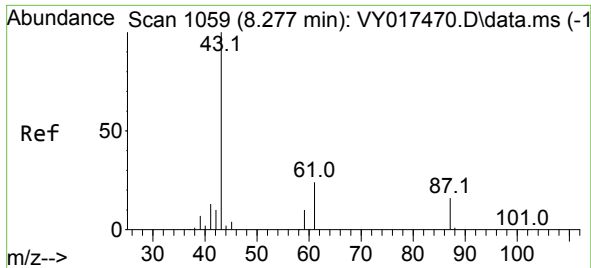
Tgt Ion: 41 Resp: 66049
Ion Ratio Lower Upper
41 100
39 47.3 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 52.834 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion: 62 Resp: 91202
Ion Ratio Lower Upper
62 100
98 12.0 0.0 22.0

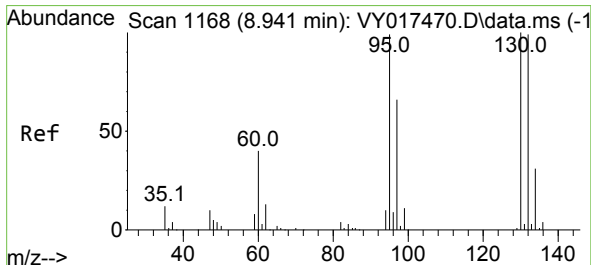
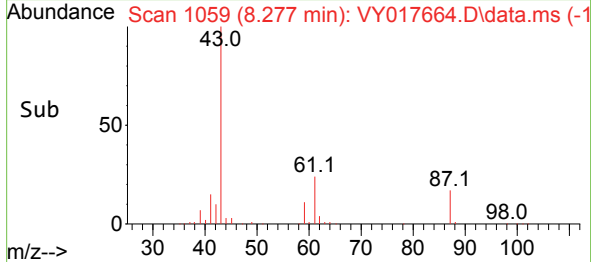
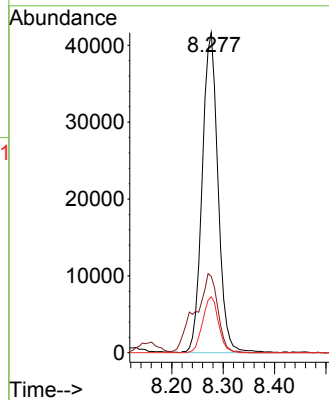
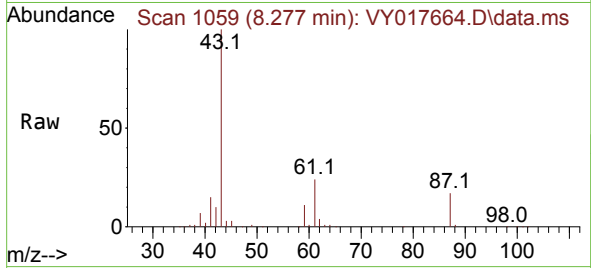




#43
Isopropyl Acetate
Concen: 53.794 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

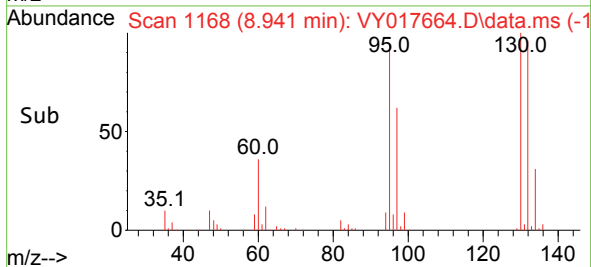
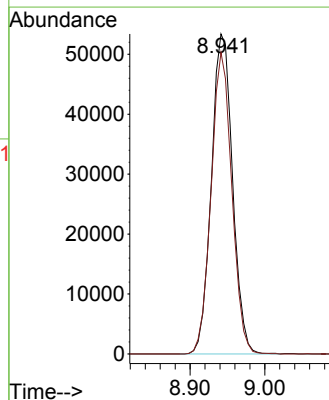
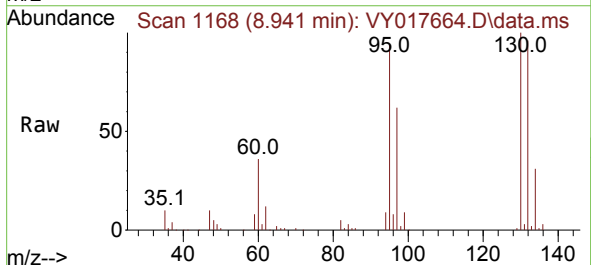
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

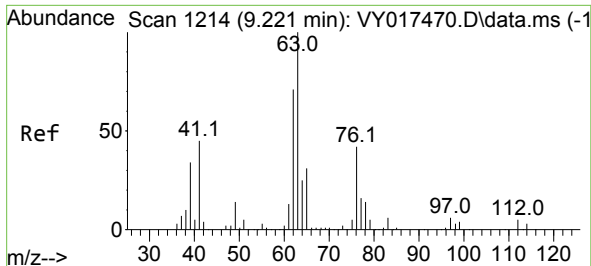
Tgt Ion: 43 Resp: 88947
Ion Ratio Lower Upper
43 100
61 35.4 27.9 41.9
87 17.5 13.1 19.7



#44
Trichloroethene
Concen: 51.602 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion:130 Resp: 105228
Ion Ratio Lower Upper
130 100
95 94.2 0.0 188.0

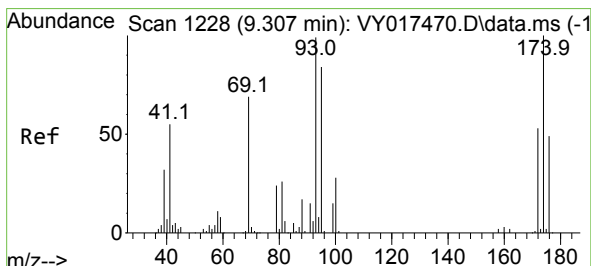
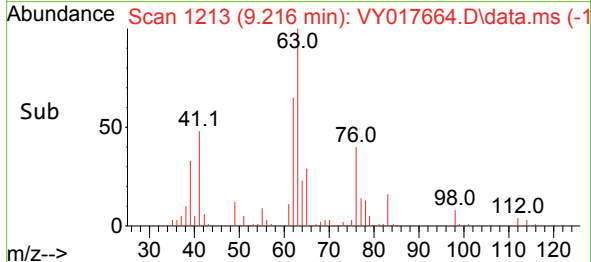
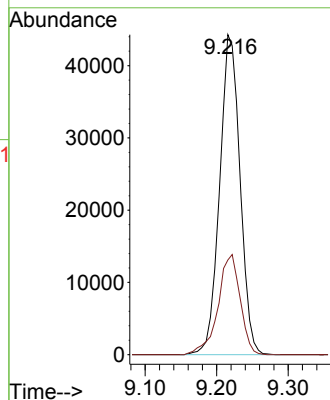
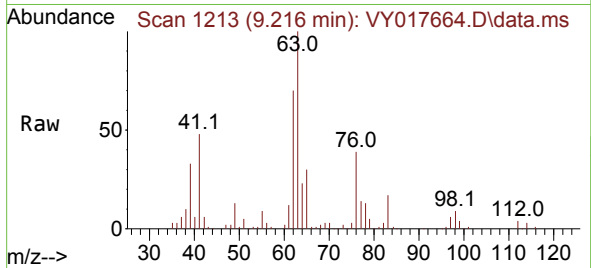




#45
1,2-Dichloropropane
Concen: 52.088 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

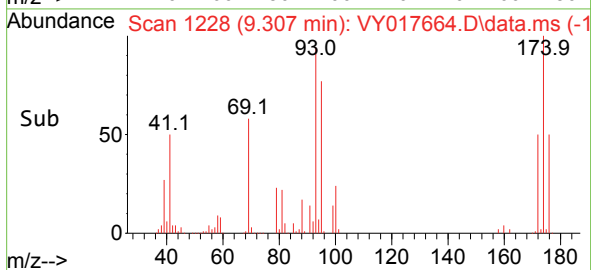
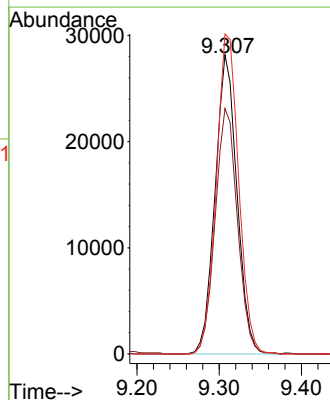
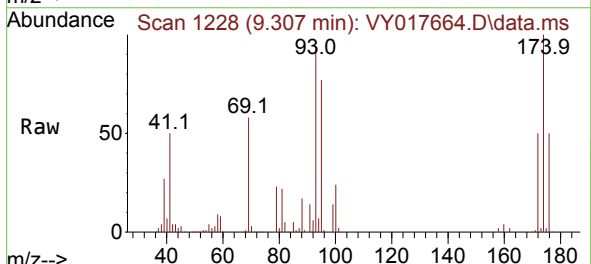
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

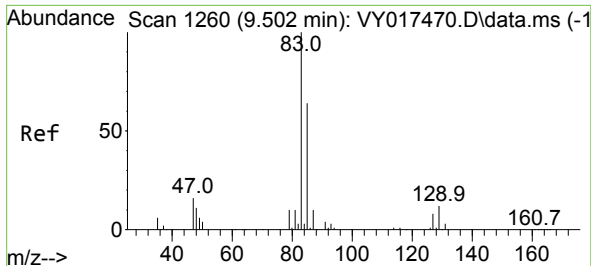
Tgt Ion: 63 Resp: 87676
Ion Ratio Lower Upper
63 100
65 29.6 25.4 38.2



#46
Dibromomethane
Concen: 54.046 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion: 93 Resp: 52064
Ion Ratio Lower Upper
93 100
95 83.7 66.2 99.4
174 109.6 80.9 121.3

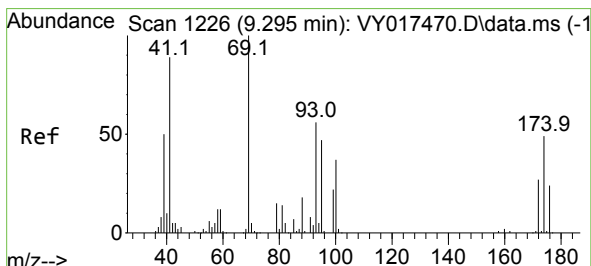
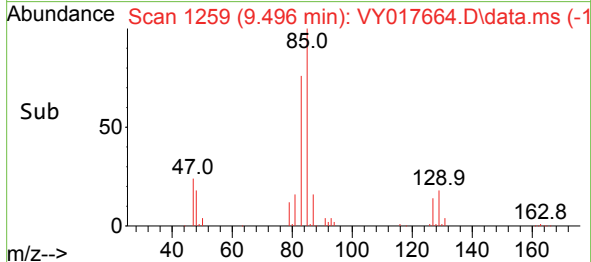
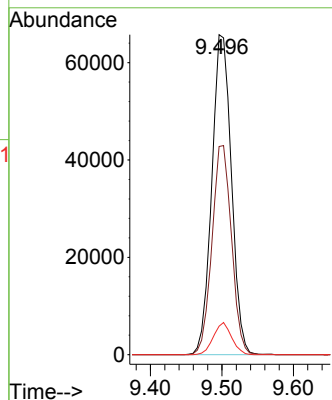
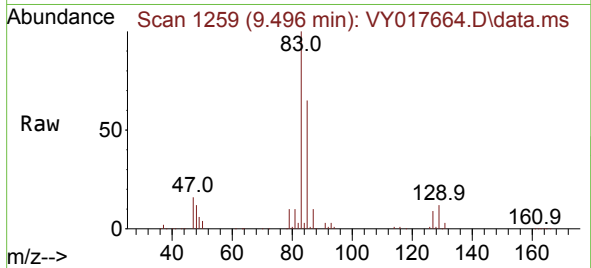




#47
Bromodichloromethane
Concen: 53.494 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

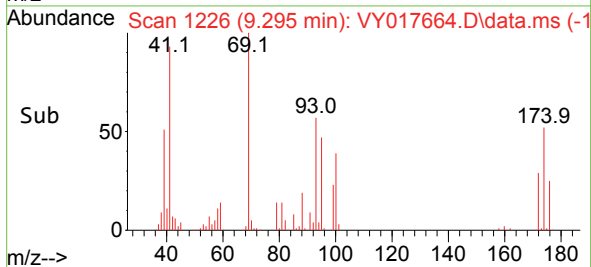
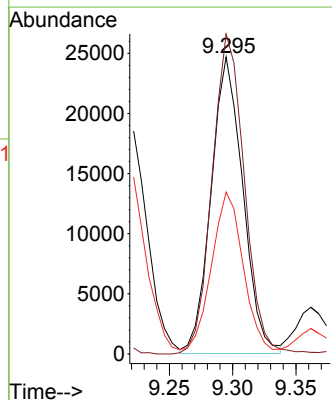
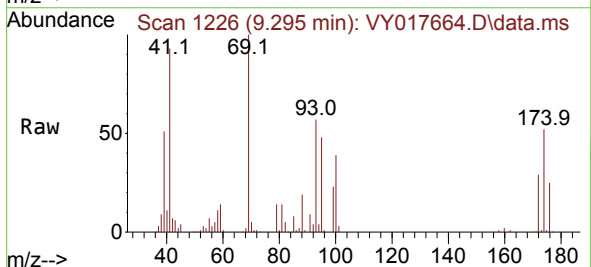
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

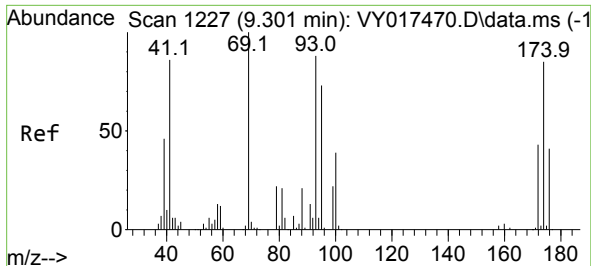
Tgt Ion: 83 Resp: 125124
Ion Ratio Lower Upper
83 100
85 65.1 50.1 75.1
127 8.9 7.4 11.0



#48
Methyl methacrylate
Concen: 56.285 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion: 41 Resp: 43078
Ion Ratio Lower Upper
41 100
69 109.7 84.1 126.1
39 52.2 43.6 65.4





#49

1,4-Dioxane

Concen: 1162.074 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

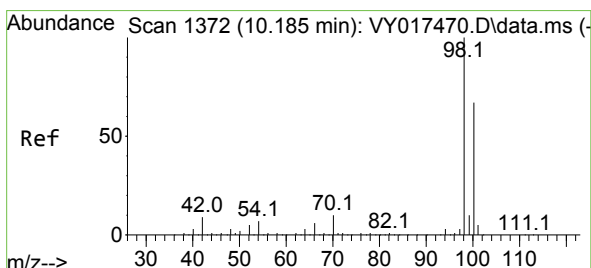
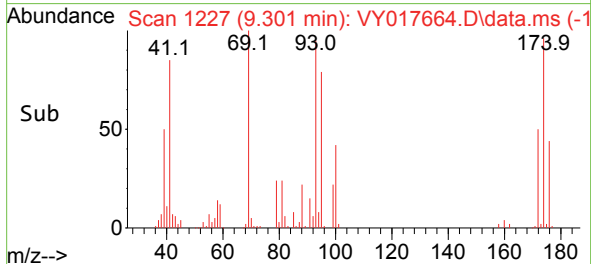
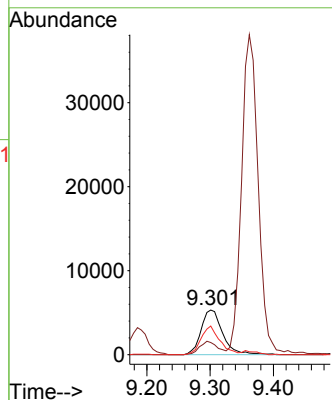
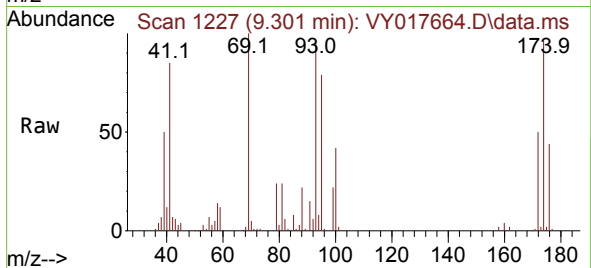
Tgt Ion: 88 Resp: 12669

Ion Ratio Lower Upper

88 100

43 25.4 0.0 0.0#

58 55.3 49.3 73.9



#50

Toluene-d8

Concen: 48.589 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017664.D

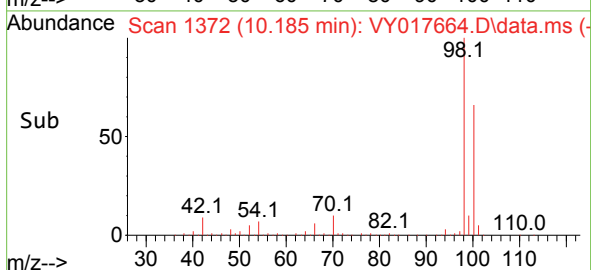
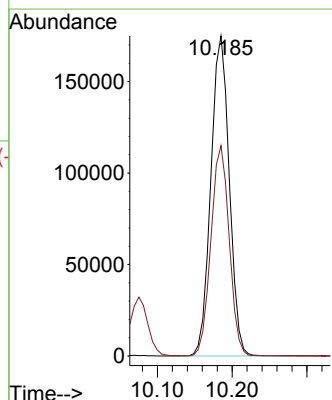
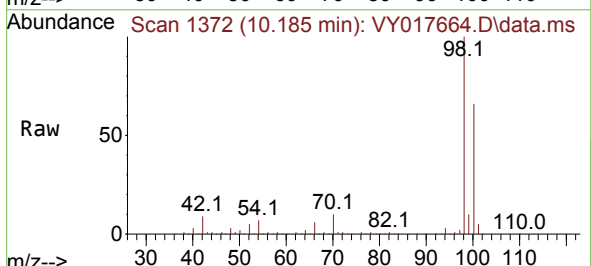
Acq: 15 Mar 2024 08:56

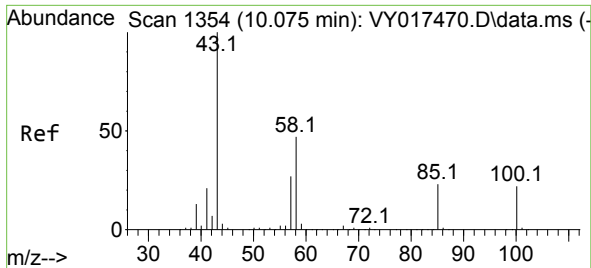
Tgt Ion: 98 Resp: 299971

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0

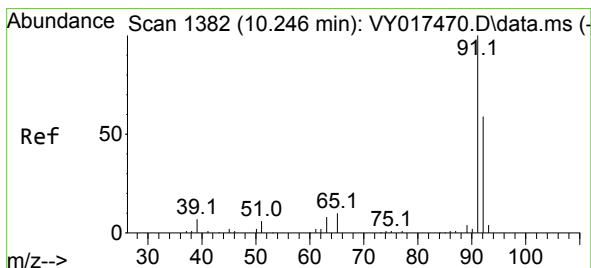
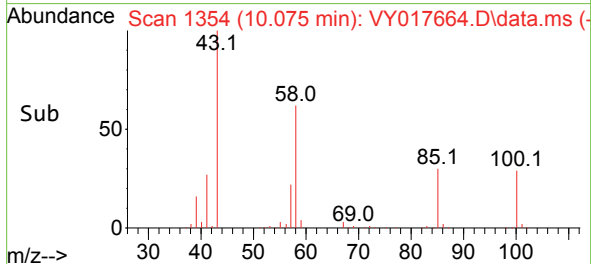
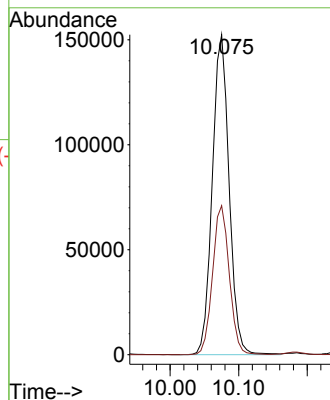
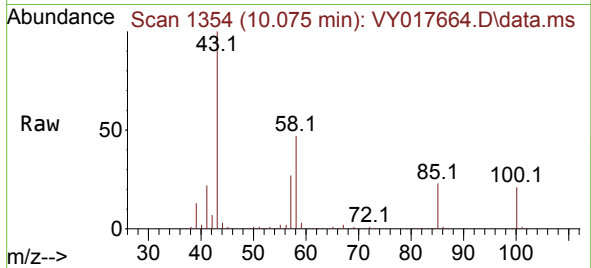




#51
4-Methyl-2-Pentanone
Concen: 282.056 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

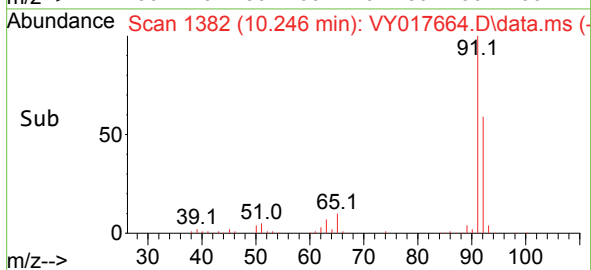
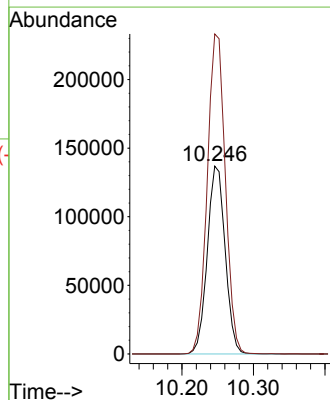
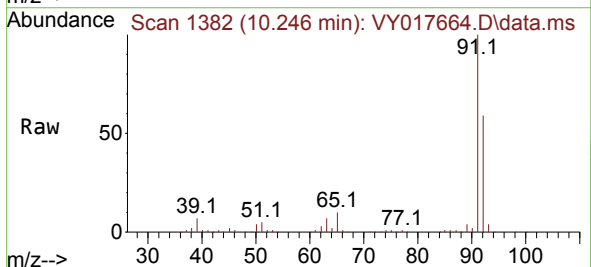
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

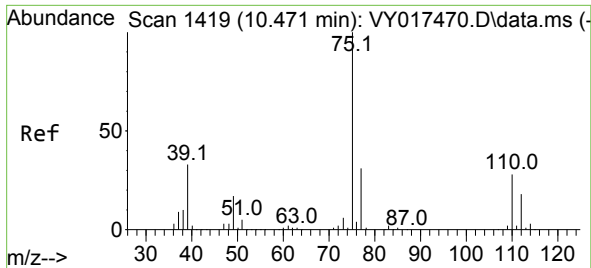
Tgt Ion: 43 Resp: 259924
Ion Ratio Lower Upper
43 100
58 46.4 35.7 53.5



#52
Toluene
Concen: 53.226 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion: 92 Resp: 237394
Ion Ratio Lower Upper
92 100
91 172.1 139.0 208.6

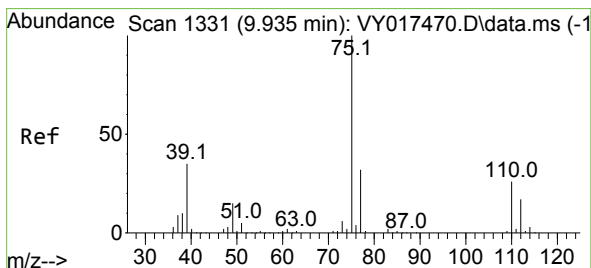
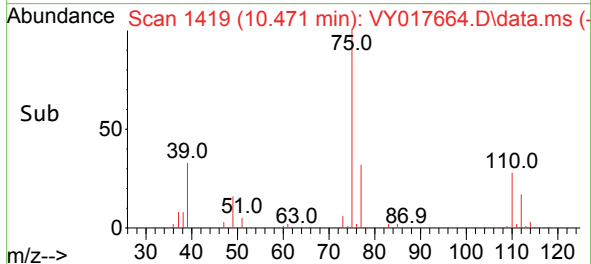
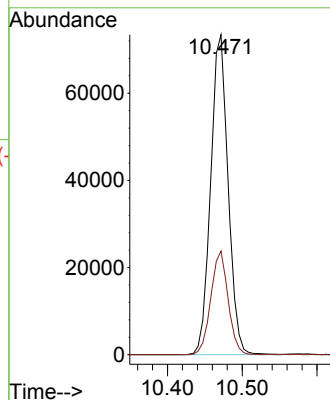
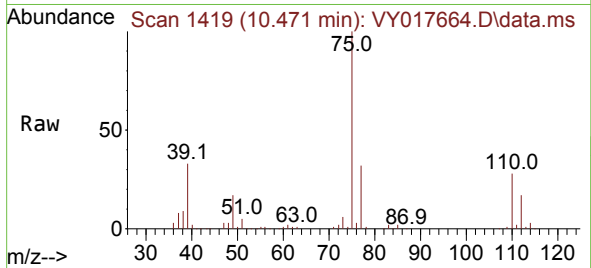




#53
 t-1,3-Dichloropropene
 Concen: 54.846 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017664.D
 Acq: 15 Mar 2024 08:56

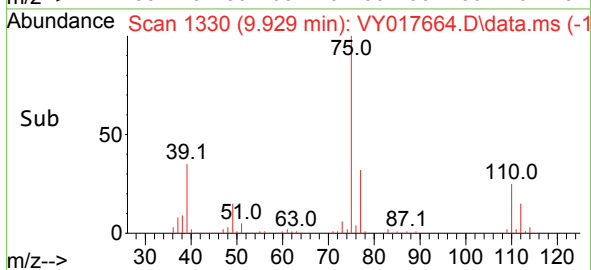
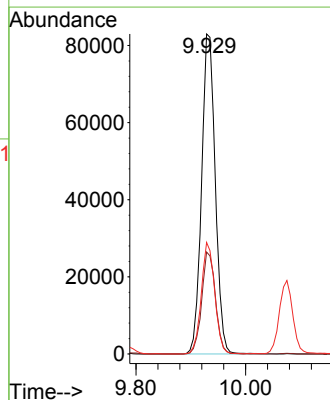
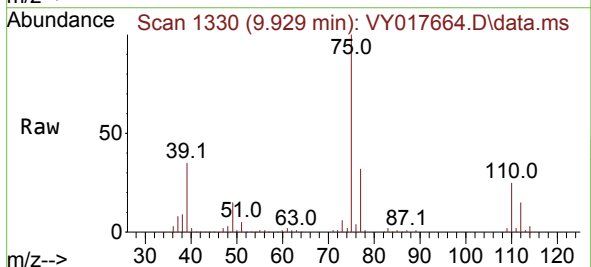
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

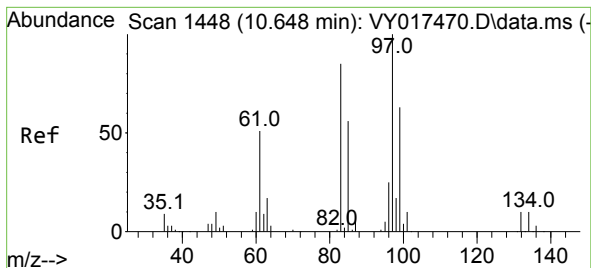
Tgt Ion: 75 Resp: 119071
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 54.668 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY017664.D
 Acq: 15 Mar 2024 08:56

Tgt Ion: 75 Resp: 144214
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0
 39 34.9 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 55.066 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 75316

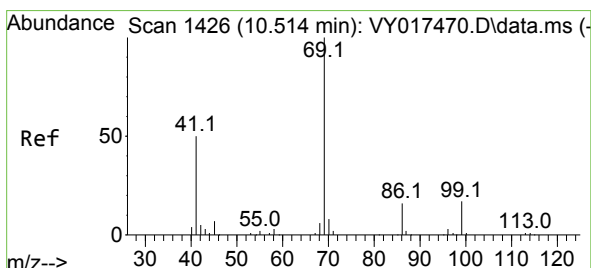
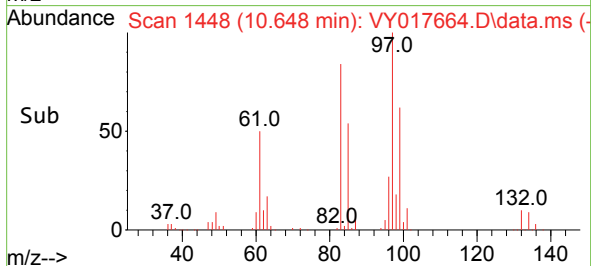
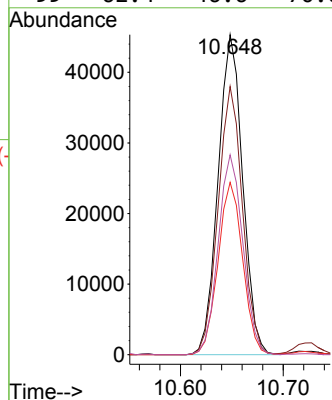
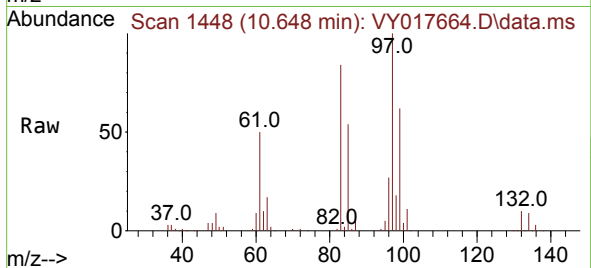
Ion Ratio Lower Upper

97 100

83 83.8 67.5 101.3

85 53.9 42.9 64.3

99 62.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 51.997 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

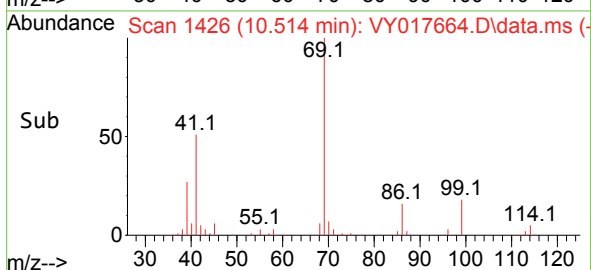
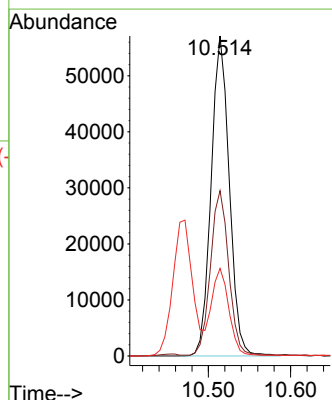
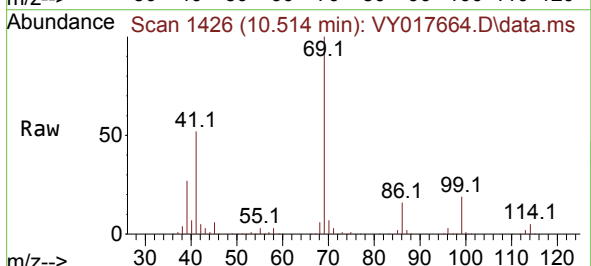
Tgt Ion: 69 Resp: 87670

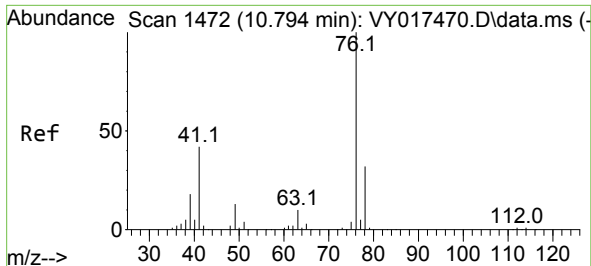
Ion Ratio Lower Upper

69 100

41 51.9 42.3 63.5

39 25.6 22.9 34.3





#57

1,3-Dichloropropane

Concen: 54.216 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Instrument :

MSVOA_Y

ClientSampleId :

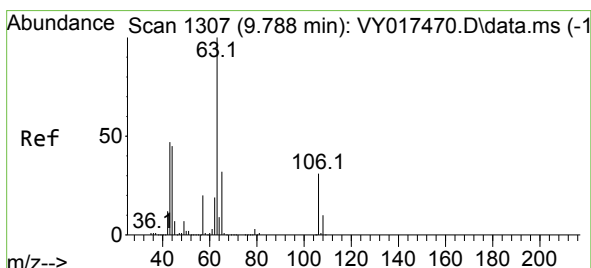
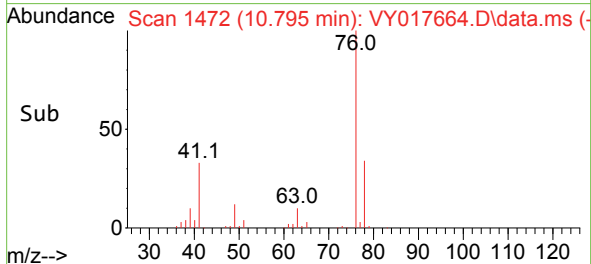
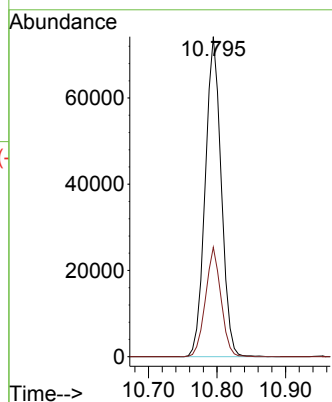
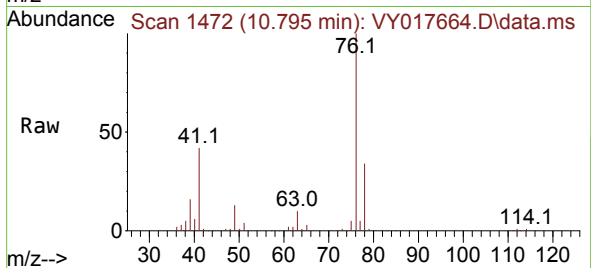
VSTDCCC050

Tgt Ion: 76 Resp: 120563

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 227.557 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY017664.D

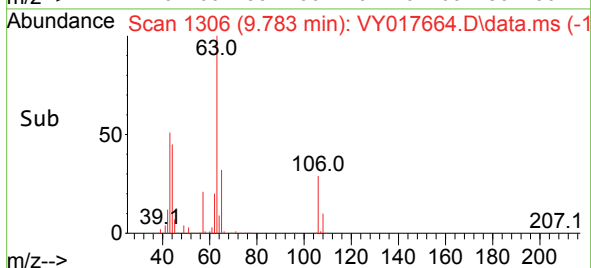
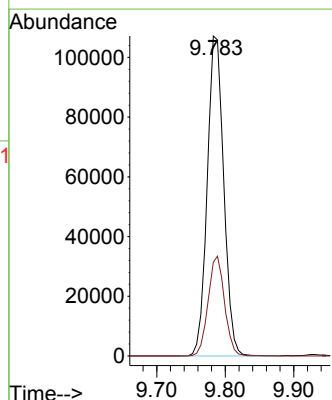
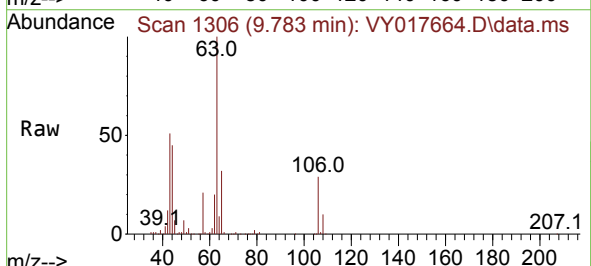
Acq: 15 Mar 2024 08:56

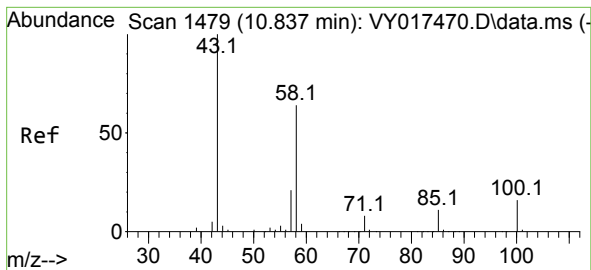
Tgt Ion: 63 Resp: 179600

Ion Ratio Lower Upper

63 100

106 30.9 23.7 35.5

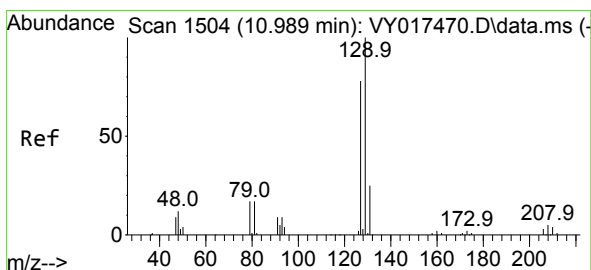
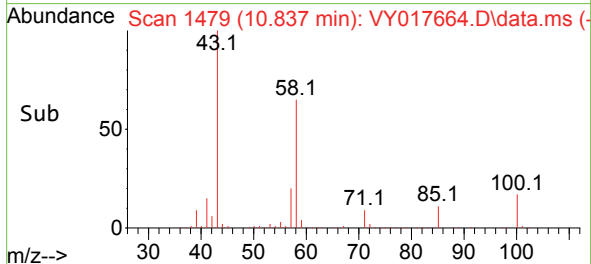
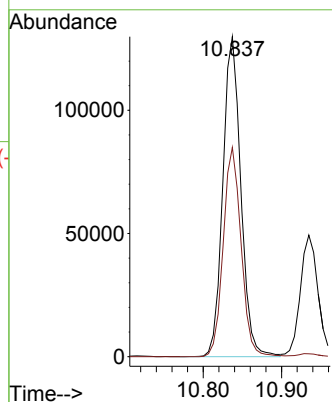
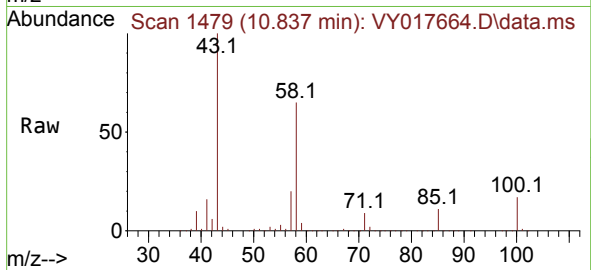




#59
2-Hexanone
Concen: 328.227 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

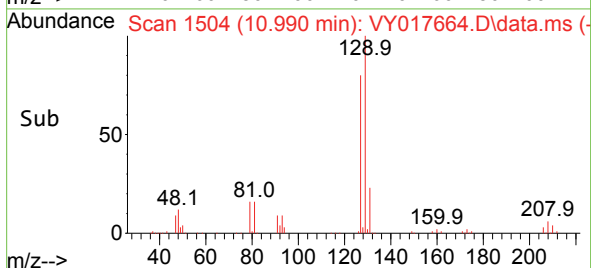
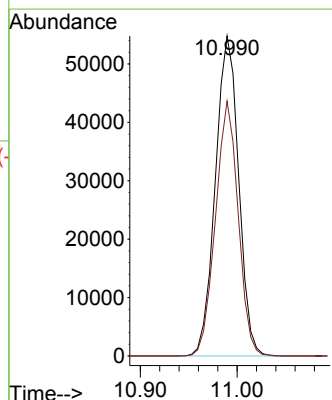
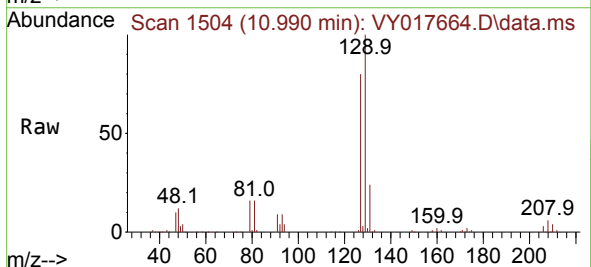
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

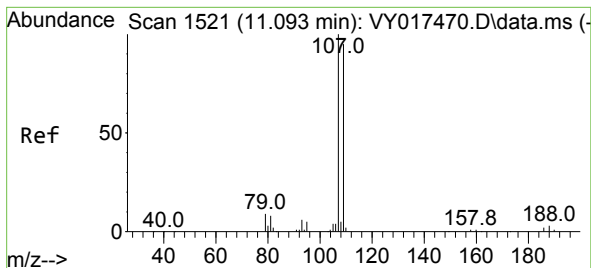
Tgt Ion: 43 Resp: 207762
Ion Ratio Lower Upper
43 100
58 64.8 31.4 94.0



#60
Dibromochloromethane
Concen: 56.509 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion: 129 Resp: 91434
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0

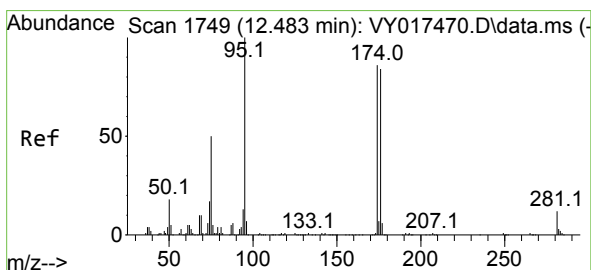
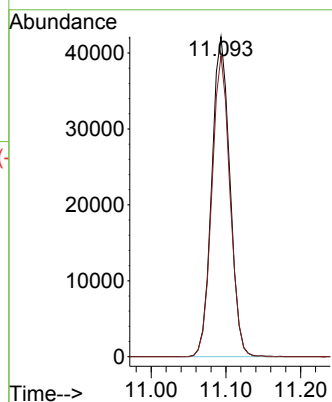
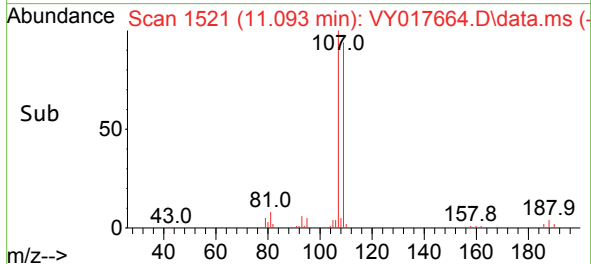
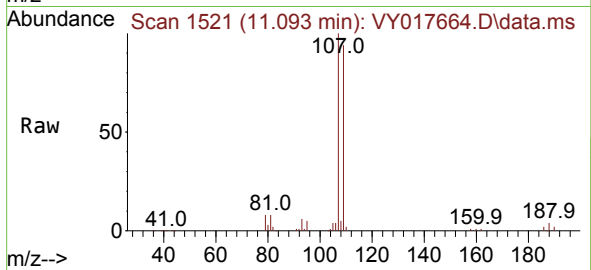




#61
1,2-Dibromoethane
Concen: 56.268 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

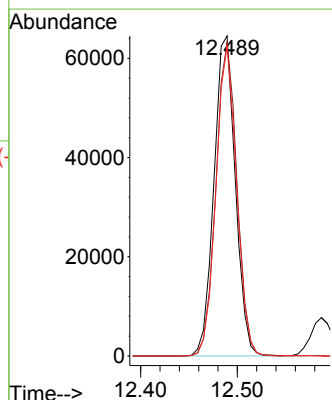
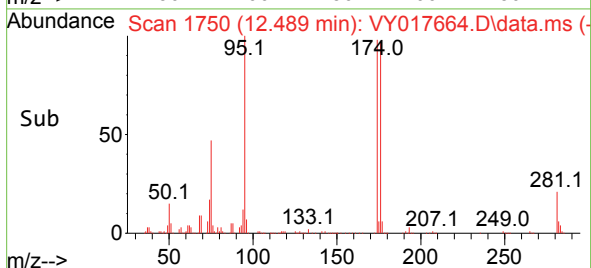
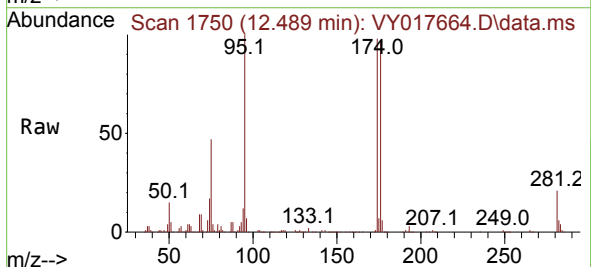
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

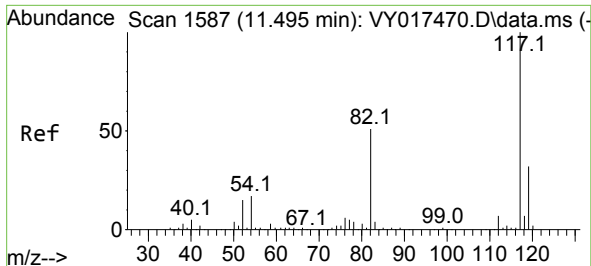
Tgt Ion:107 Resp: 70922
Ion Ratio Lower Upper
107 100
109 93.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.000 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion: 95 Resp: 98951
Ion Ratio Lower Upper
95 100
174 96.2 0.0 175.6
176 92.9 0.0 171.4

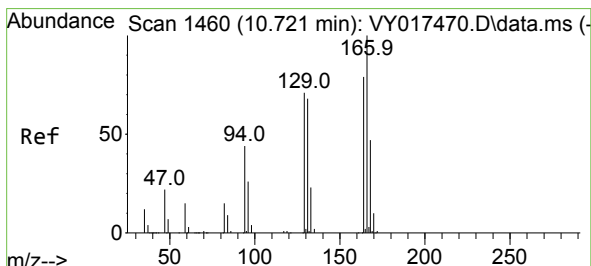
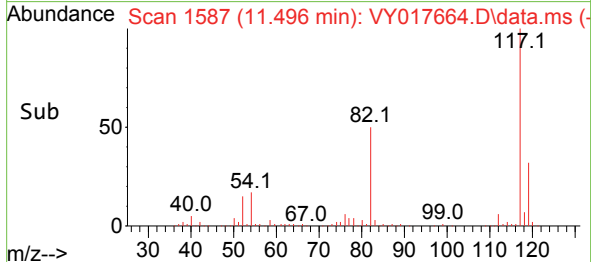
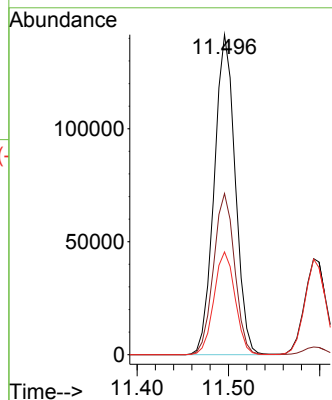
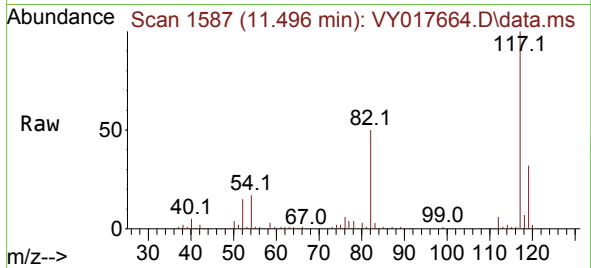




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

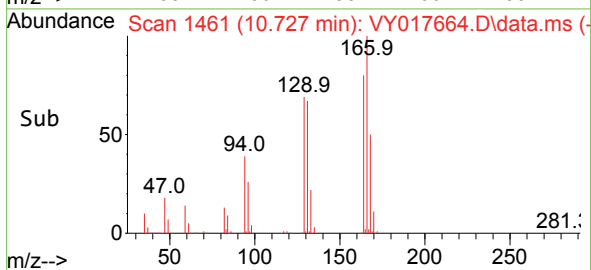
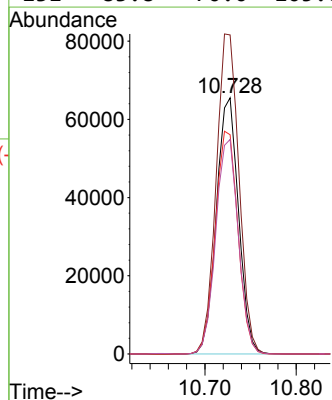
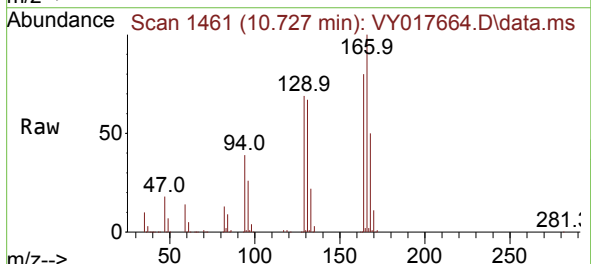
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

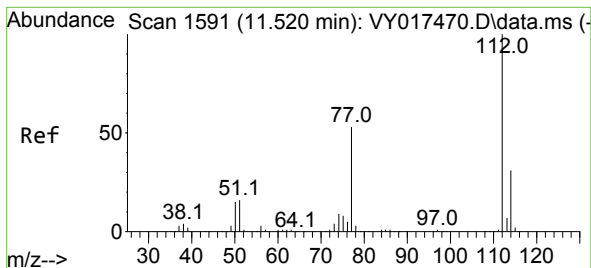
Tgt Ion:117 Resp: 226568
Ion Ratio Lower Upper
117 100
82 50.3 42.4 63.6
119 32.1 25.9 38.9



#64
Tetrachloroethene
Concen: 50.841 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion:164 Resp: 110561
Ion Ratio Lower Upper
164 100
166 124.5 102.6 154.0
129 85.5 72.0 108.0
131 83.8 70.0 105.0

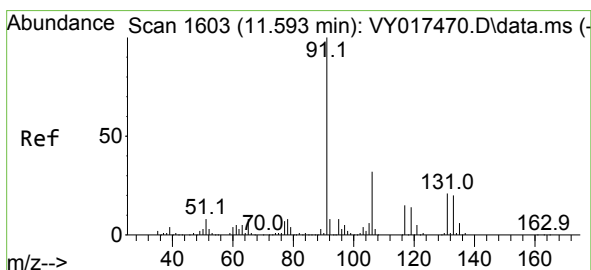
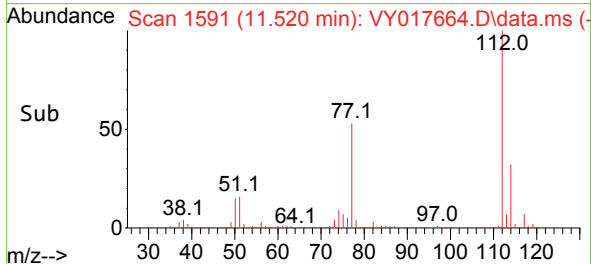
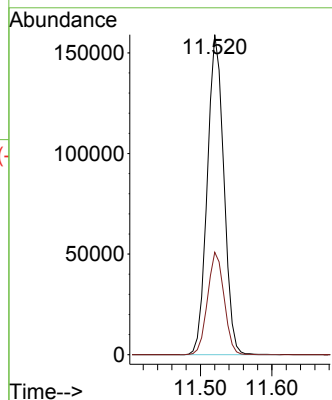
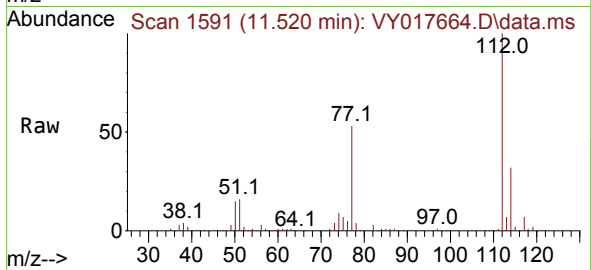




#65
Chlorobenzene
Concen: 53.062 ug/l
RT: 11.520 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

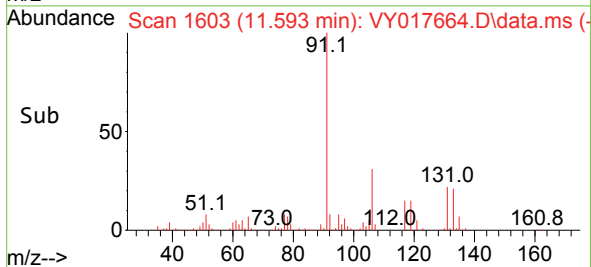
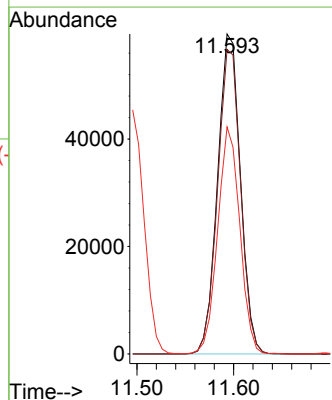
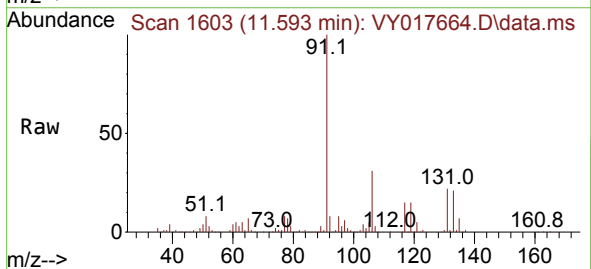
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

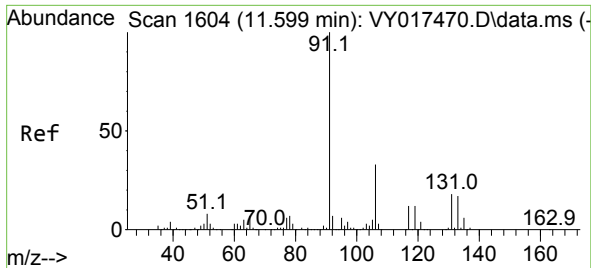
Tgt Ion:112 Resp: 255178
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.165 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion:131 Resp: 97585
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 68.8 34.1 102.2

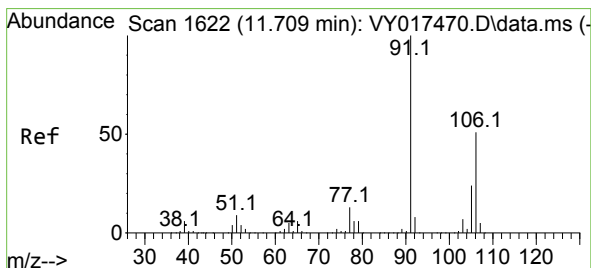
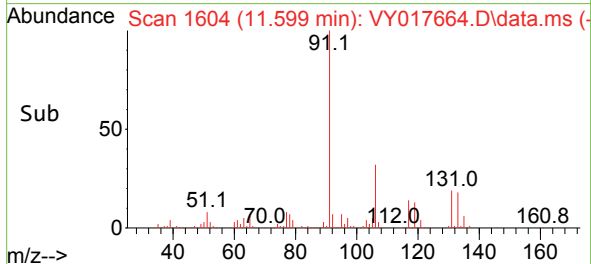
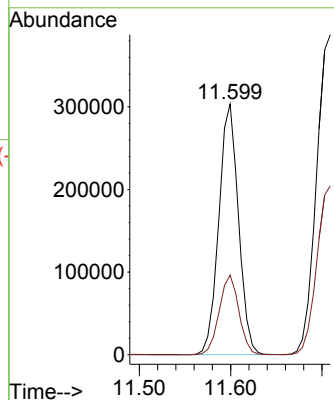
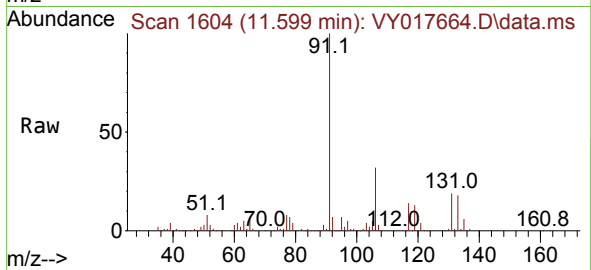




#67
Ethyl Benzene
Concen: 53.703 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

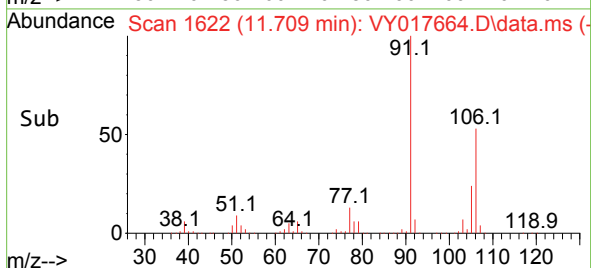
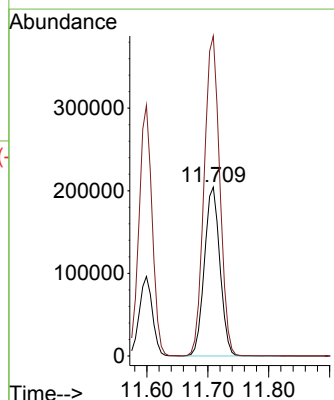
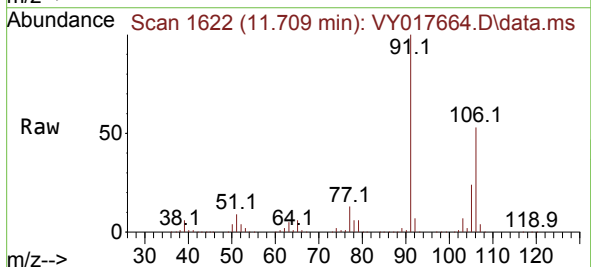
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

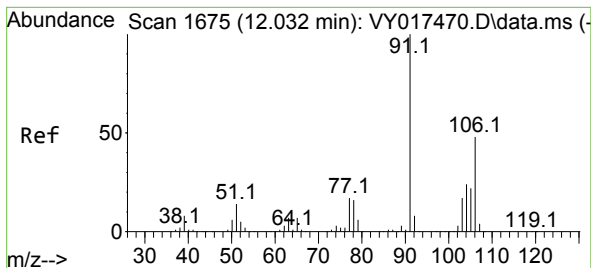
Tgt Ion: 91 Resp: 452924
Ion Ratio Lower Upper
91 100
106 31.7 24.5 36.7



#68
m/p-Xylenes
Concen: 109.153 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion: 106 Resp: 361737
Ion Ratio Lower Upper
106 100
91 190.9 156.0 234.0





#69

o-Xylene

Concen: 54.466 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Instrument :

MSVOA_Y

ClientSampleId :

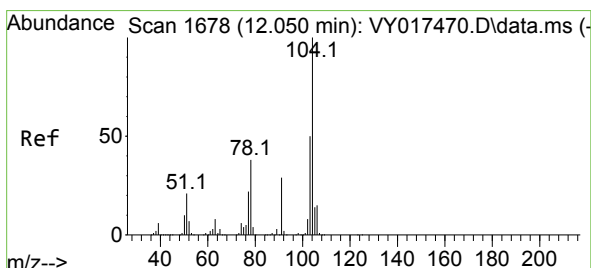
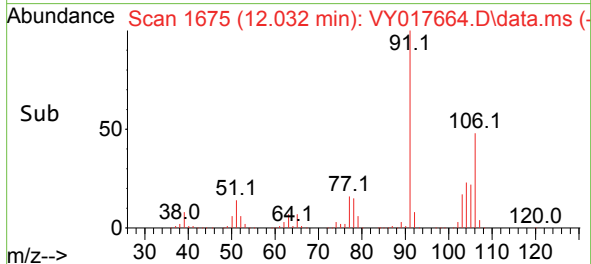
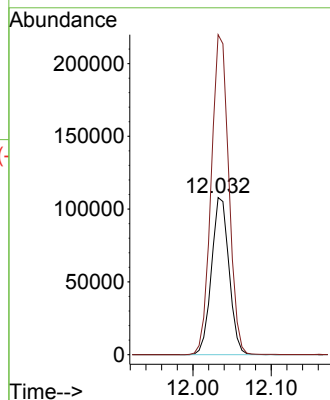
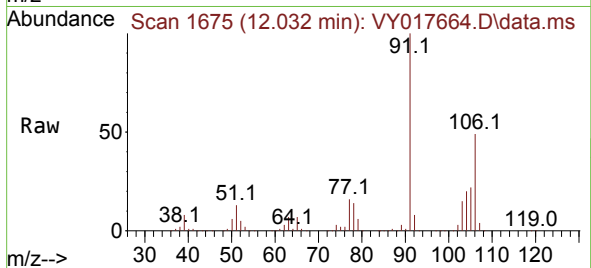
VSTDCCC050

Tgt Ion:106 Resp: 167459

Ion Ratio Lower Upper

106 100

91 204.6 103.6 310.8



#70

Styrene

Concen: 55.799 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

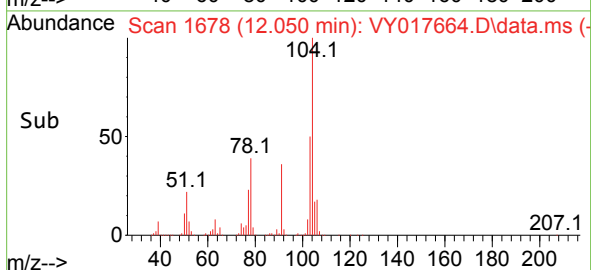
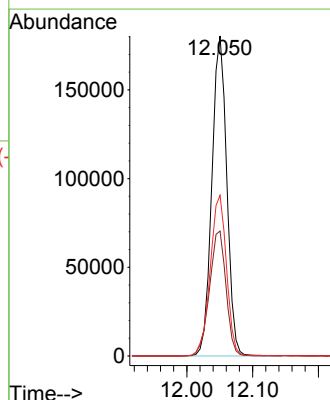
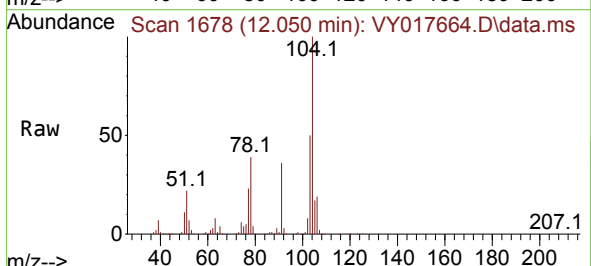
Tgt Ion:104 Resp: 284767

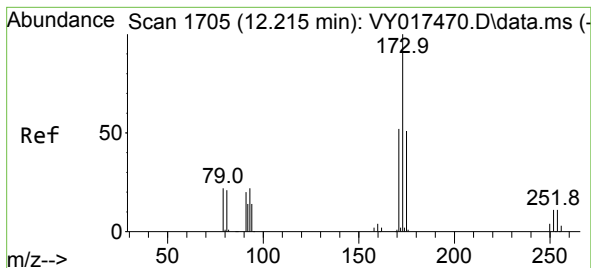
Ion Ratio Lower Upper

104 100

78 43.3 37.0 55.4

103 54.7 44.2 66.2





#71

Bromoform

Concen: 58.230 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

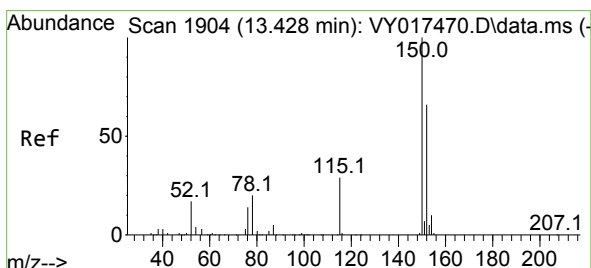
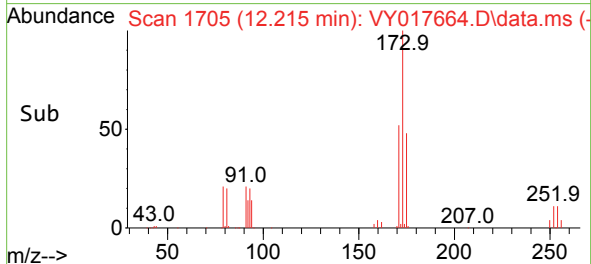
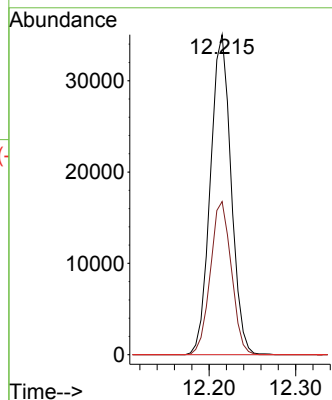
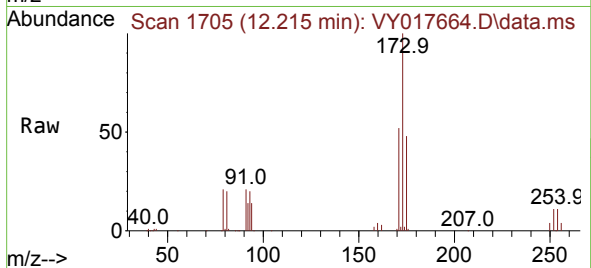
Tgt Ion:173 Resp: 58135

Ion Ratio Lower Upper

173 100

175 48.4 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

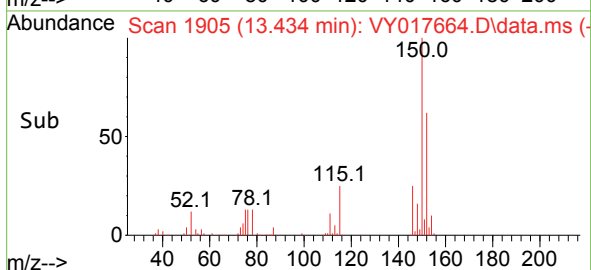
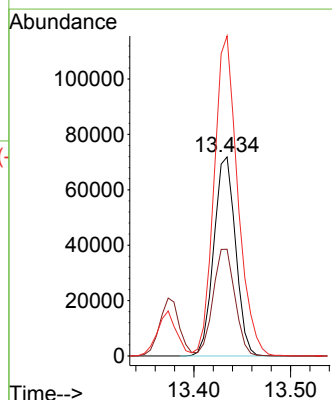
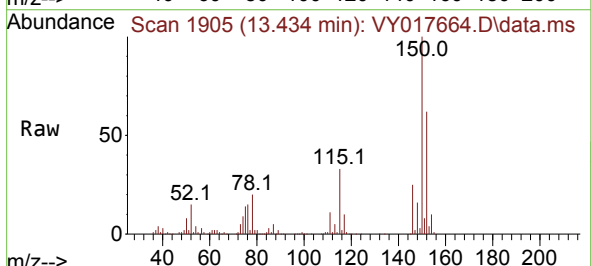
Tgt Ion:152 Resp: 112060

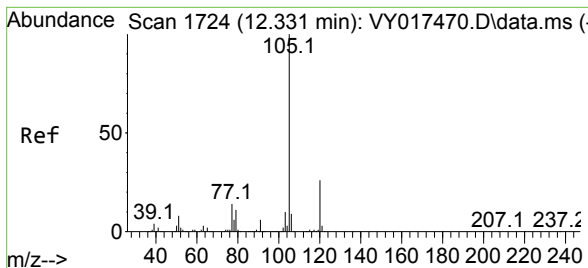
Ion Ratio Lower Upper

152 100

115 54.1 28.2 84.7

150 175.0 0.0 345.6





#73

Isopropylbenzene

Concen: 52.422 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Instrument :

MSVOA_Y

ClientSampleId :

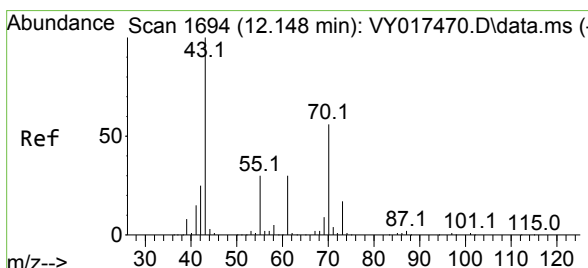
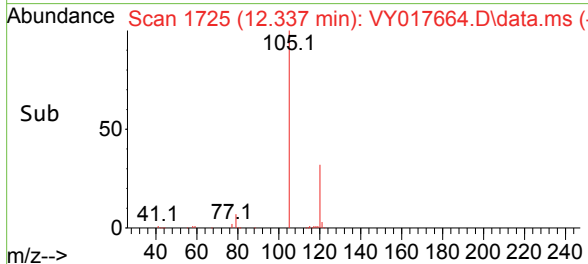
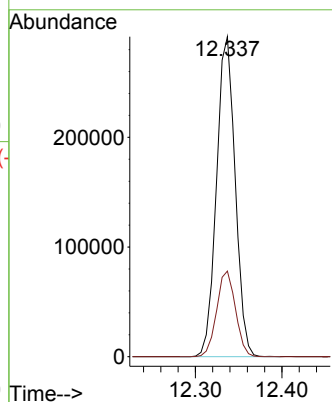
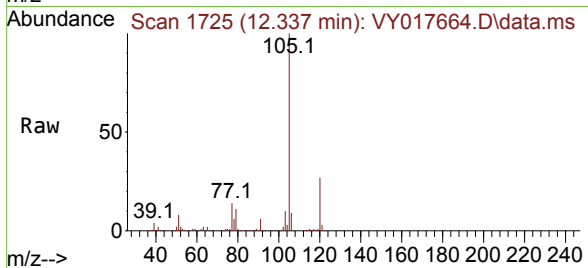
VSTDCCC050

Tgt Ion:105 Resp: 436432

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1



#74

N-ethyl acetate

Concen: 54.410 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Tgt Ion: 43 Resp: 79894

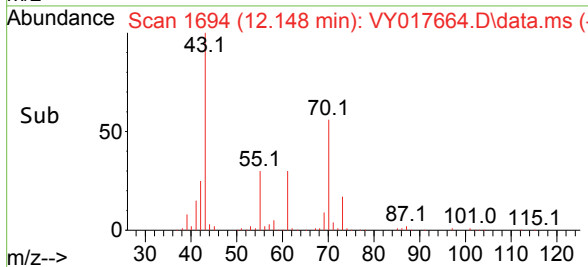
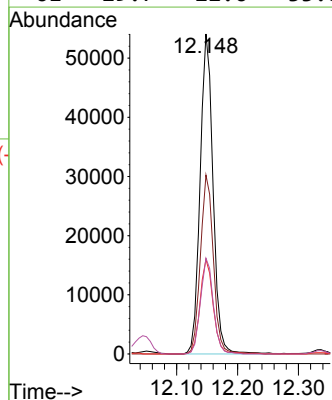
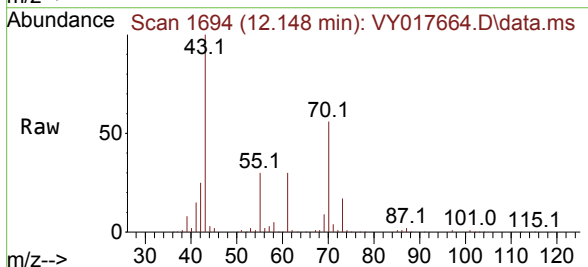
Ion Ratio Lower Upper

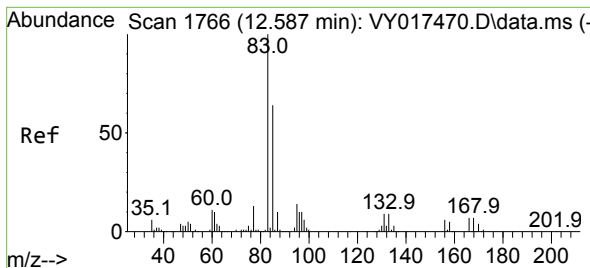
43 100

70 56.0 41.4 62.2

55 30.0 23.3 34.9

61 29.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 56.330 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

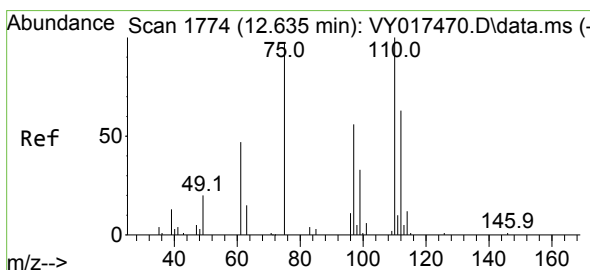
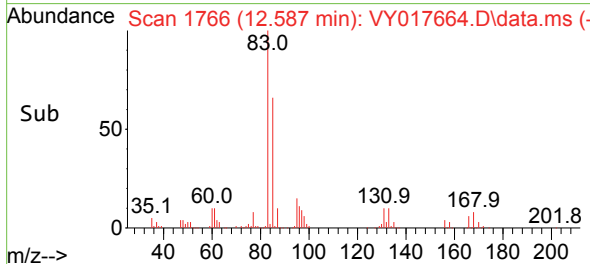
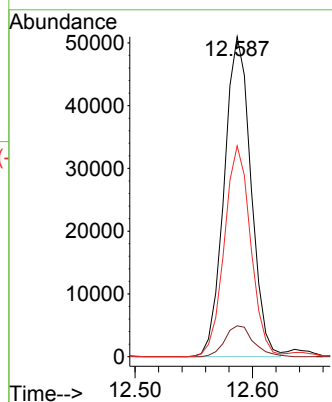
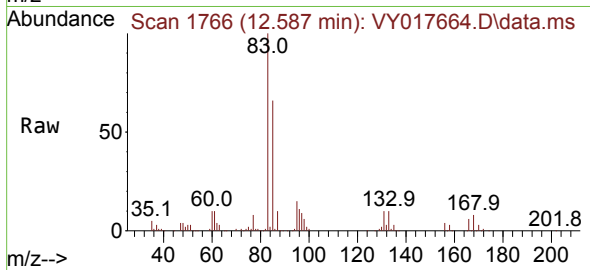
Tgt Ion: 83 Resp: 80531

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 65.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 92.828 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017664.D

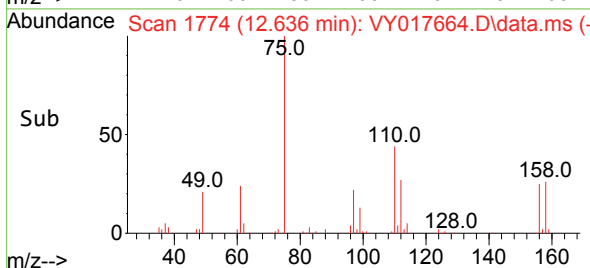
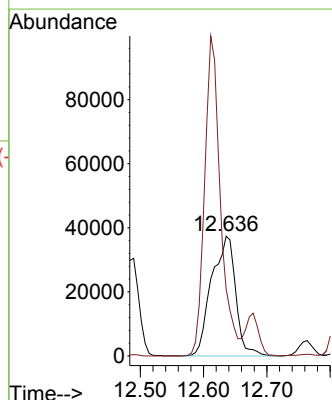
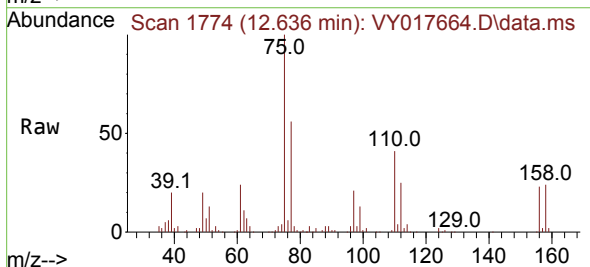
Acq: 15 Mar 2024 08:56

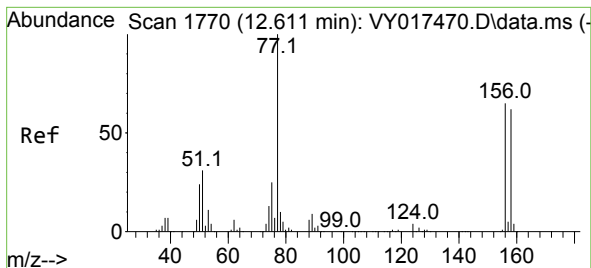
Tgt Ion: 75 Resp: 98838

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.447 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

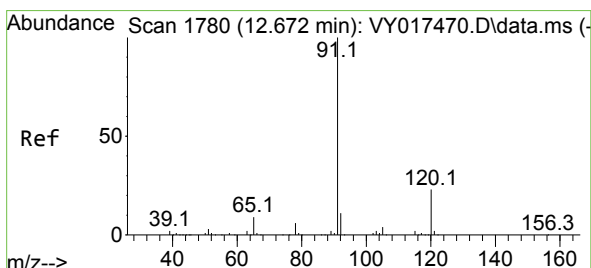
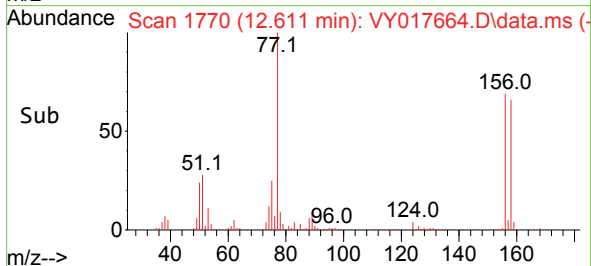
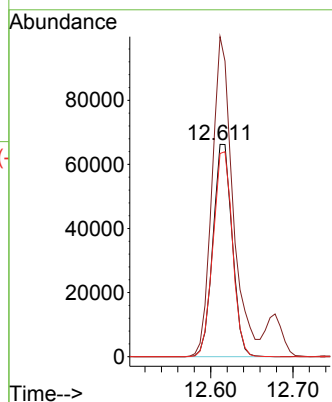
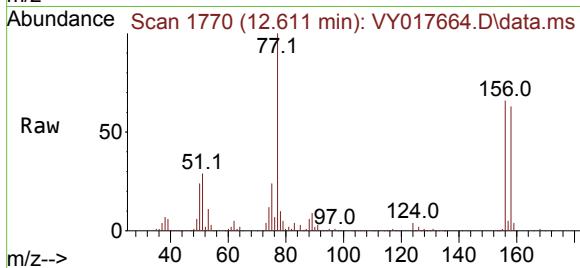
Tgt Ion:156 Resp: 107757

Ion Ratio Lower Upper

156 100

77 163.4 87.1 261.3

158 97.6 48.6 145.9



#78

n-propylbenzene

Concen: 52.589 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017664.D

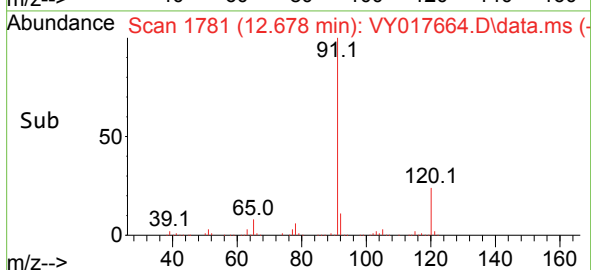
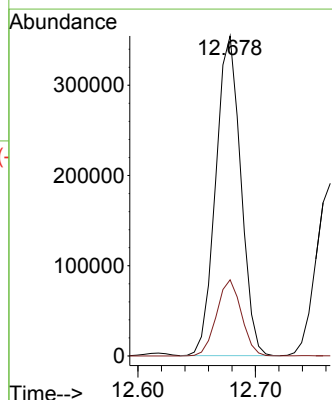
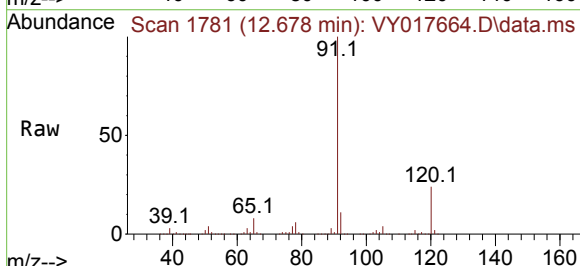
Acq: 15 Mar 2024 08:56

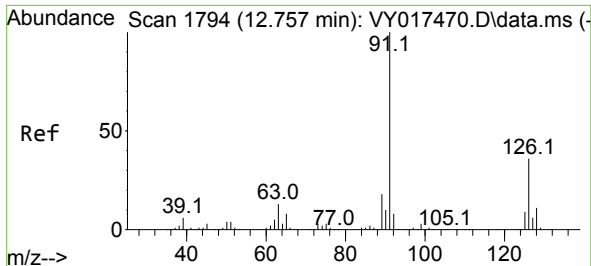
Tgt Ion: 91 Resp: 525337

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

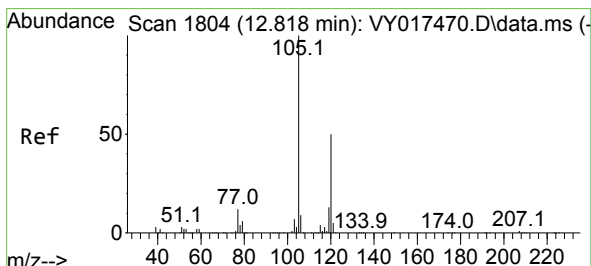
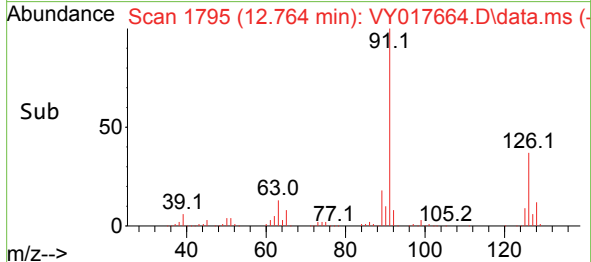
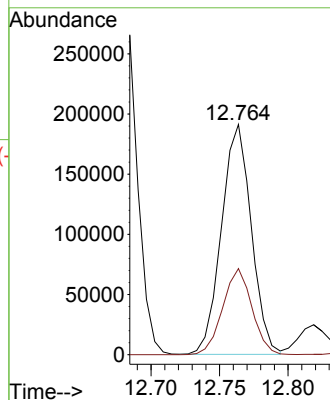
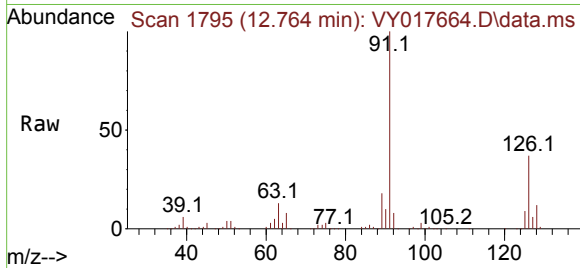




#79
2-Chlorotoluene
Concen: 51.741 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

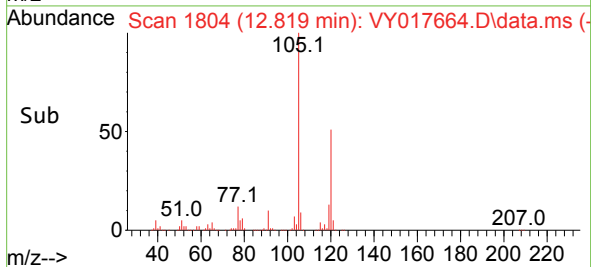
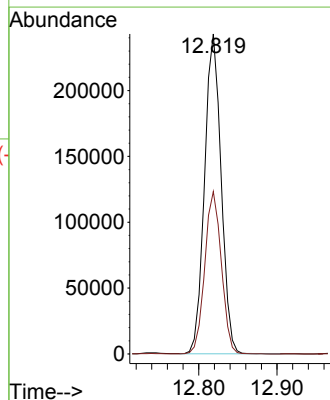
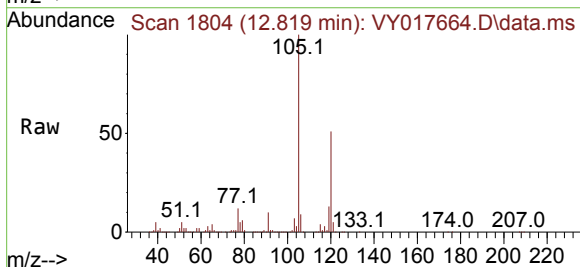
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

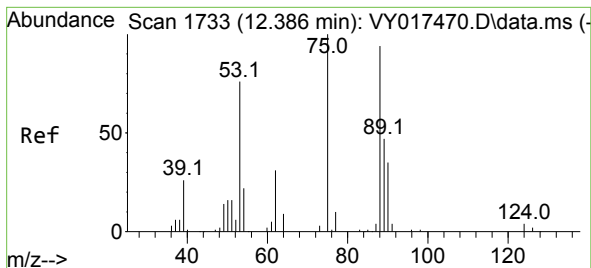
Tgt Ion: 91 Resp: 289385
Ion Ratio Lower Upper
91 100
126 36.7 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 53.417 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion:105 Resp: 356289
Ion Ratio Lower Upper
105 100
120 50.8 25.1 75.2

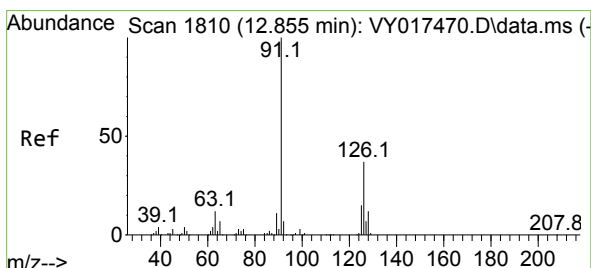
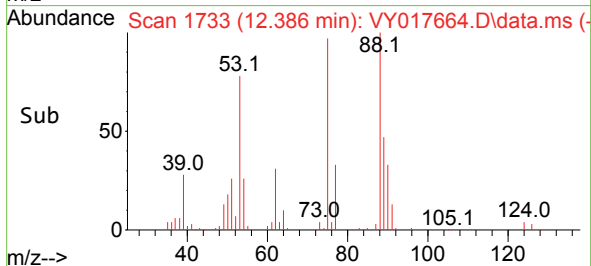
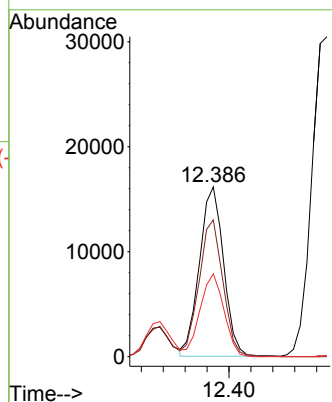
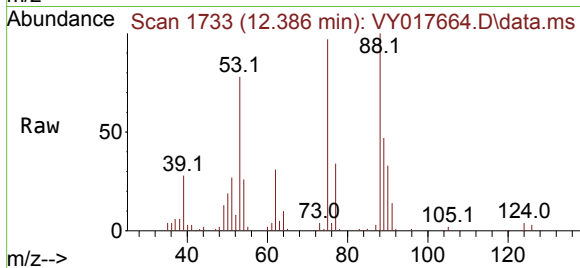




#81
trans-1,4-Dichloro-2-butene
Concen: 53.166 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

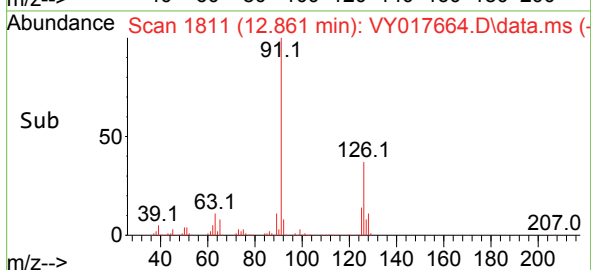
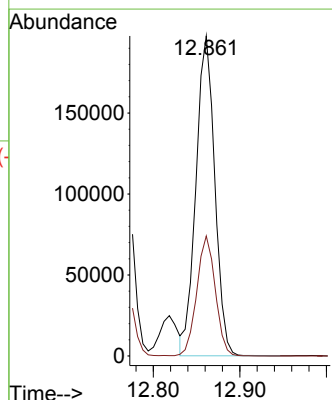
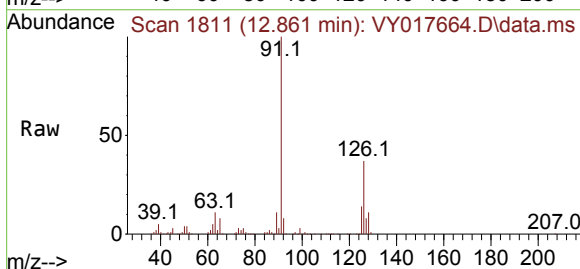
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

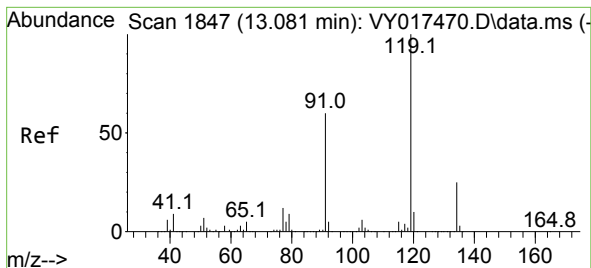
Tgt Ion: 75 Resp: 24636
Ion Ratio Lower Upper
75 100
53 80.4 66.8 100.2
89 48.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 52.094 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion: 91 Resp: 298005
Ion Ratio Lower Upper
91 100
126 37.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 53.351 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

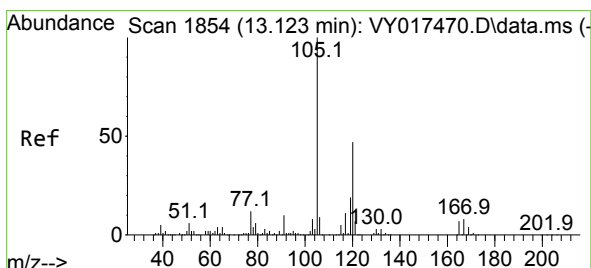
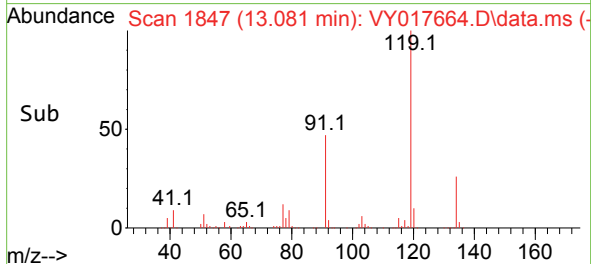
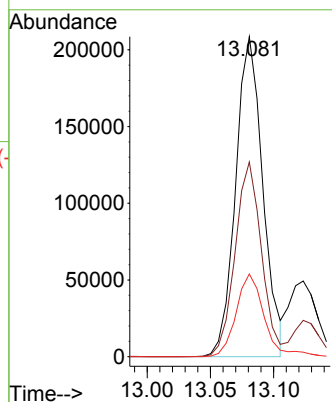
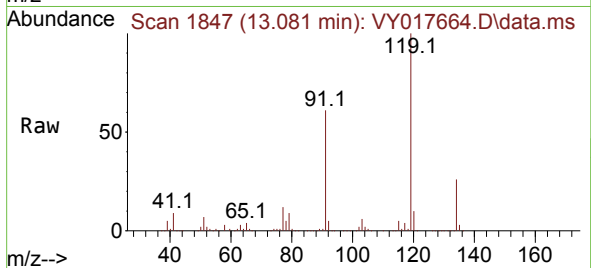
Tgt Ion:119 Resp: 312476

Ion Ratio Lower Upper

119 100

91 58.9 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 53.934 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017664.D

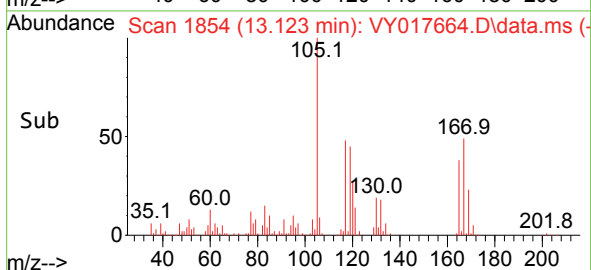
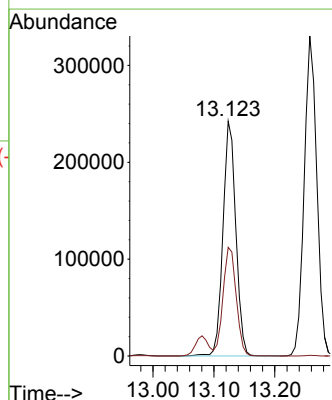
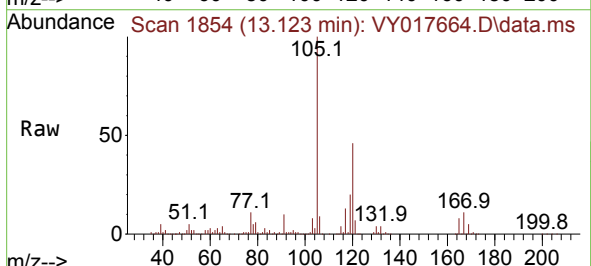
Acq: 15 Mar 2024 08:56

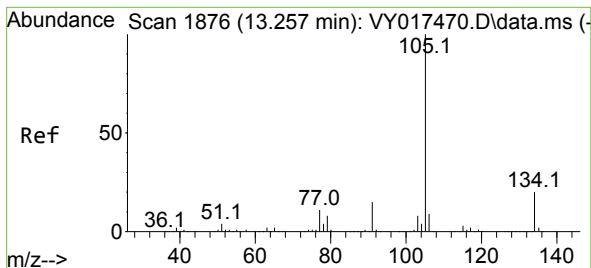
Tgt Ion:105 Resp: 355151

Ion Ratio Lower Upper

105 100

120 47.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 52.829 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Instrument :

MSVOA_Y

ClientSampleId :

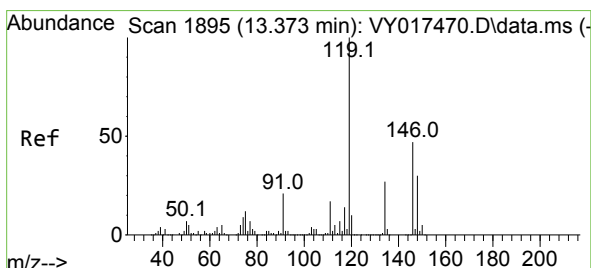
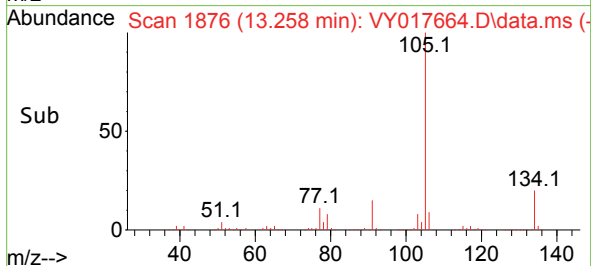
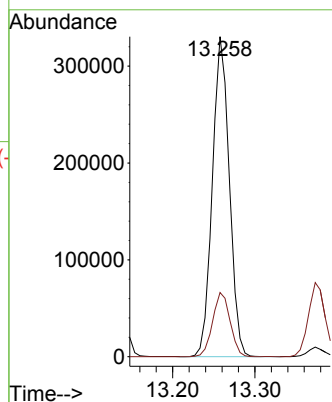
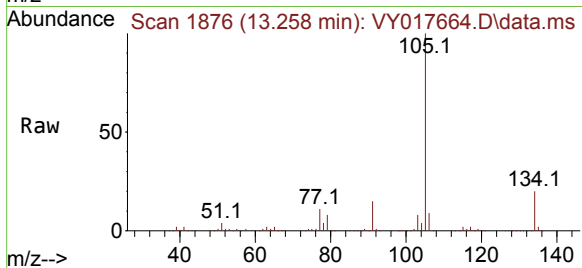
VSTDCCC050

Tgt Ion:105 Resp: 473073

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.047 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

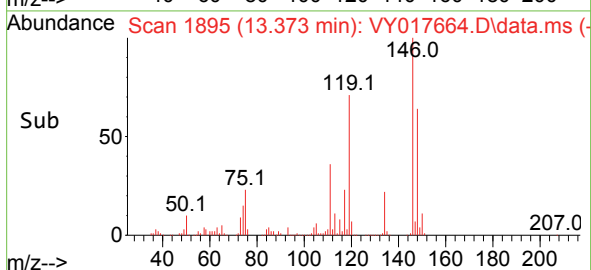
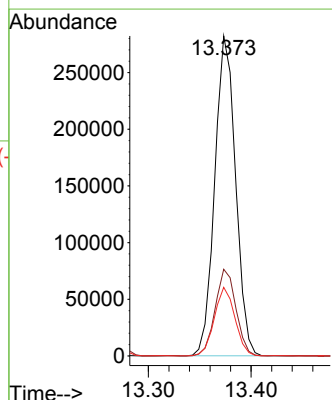
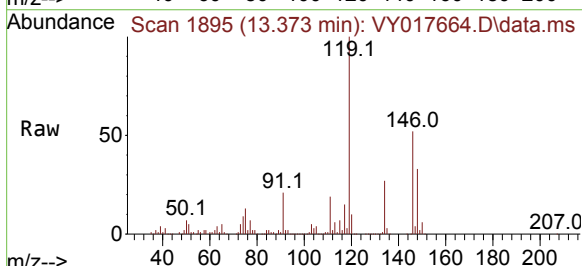
Tgt Ion:119 Resp: 396188

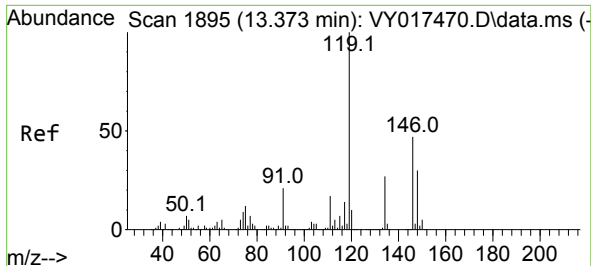
Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.3

91 21.2 10.7 32.1

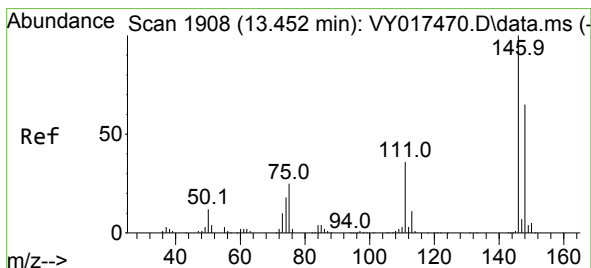
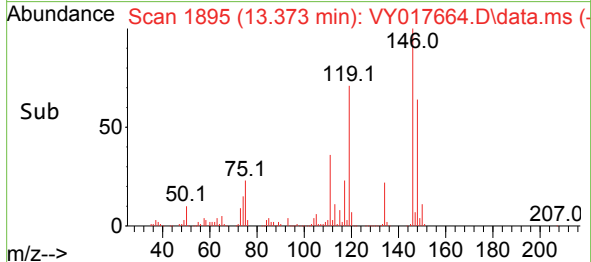
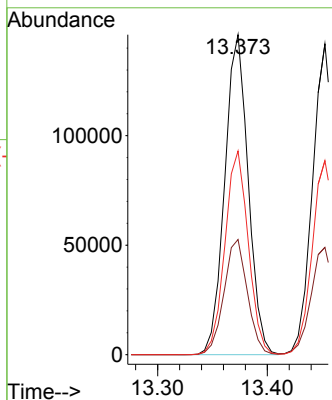
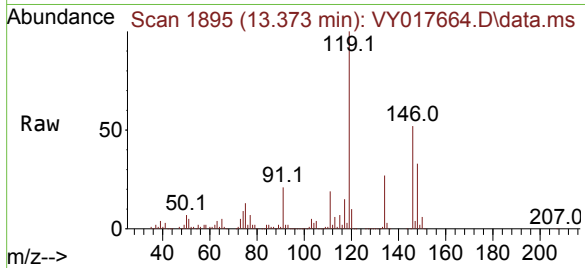




#87
1,3-Dichlorobenzene
Concen: 53.725 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

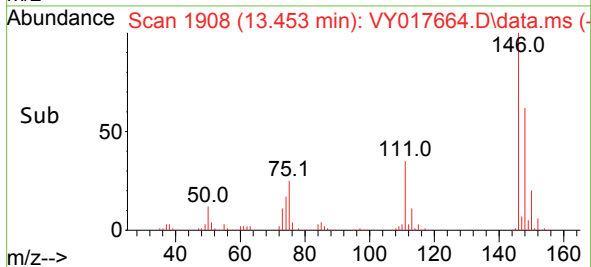
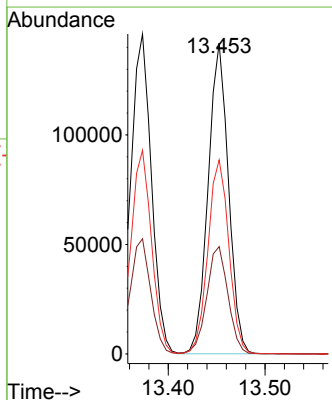
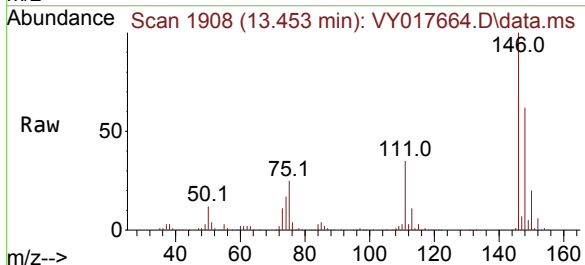
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

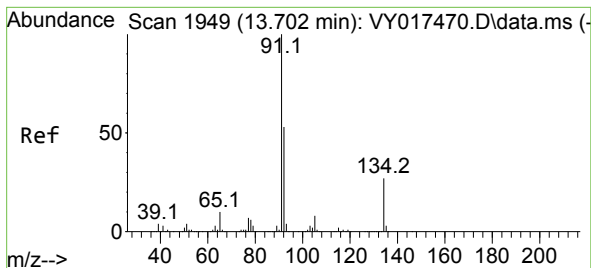
Tgt Ion:146 Resp: 217417
Ion Ratio Lower Upper
146 100
111 36.0 19.0 57.0
148 63.4 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 52.709 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion:146 Resp: 207375
Ion Ratio Lower Upper
146 100
111 36.2 18.4 55.4
148 64.6 32.4 97.2





#89

n-Butylbenzene

Concen: 53.080 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

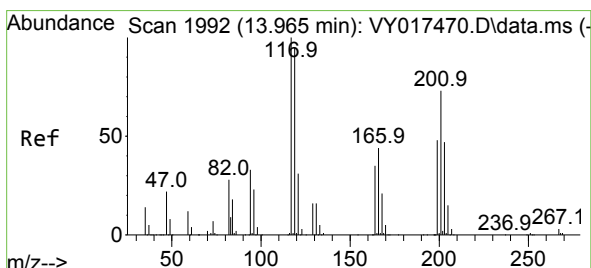
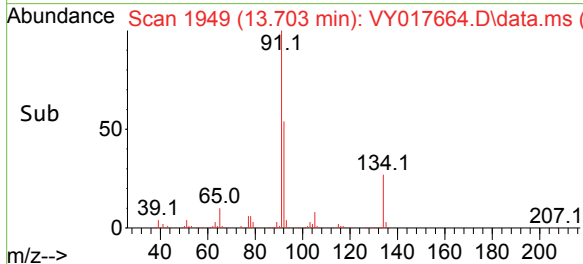
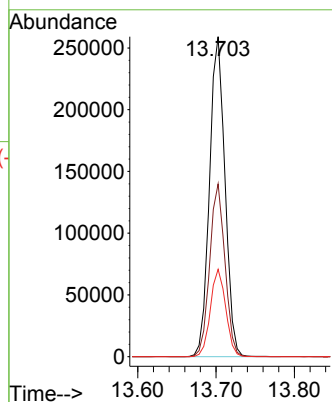
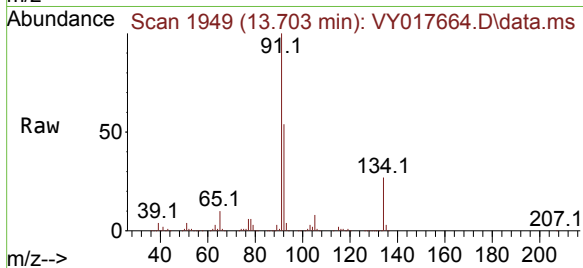
Tgt Ion: 91 Resp: 354999

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.7

134 27.0 12.9 38.7



#90

Hexachloroethane

Concen: 52.599 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017664.D

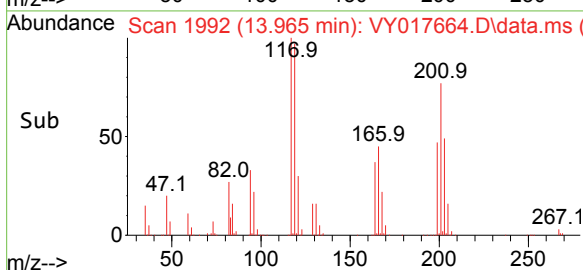
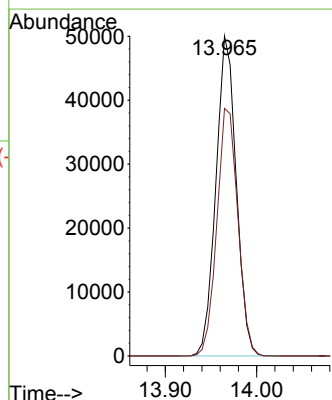
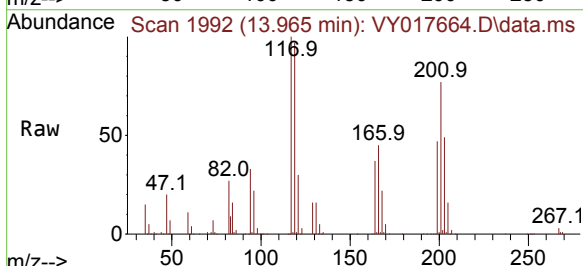
Acq: 15 Mar 2024 08:56

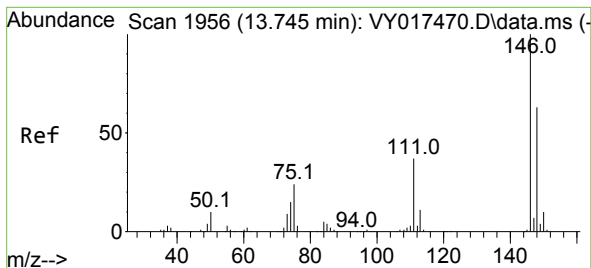
Tgt Ion: 117 Resp: 77300

Ion Ratio Lower Upper

117 100

201 80.1 37.4 112.2

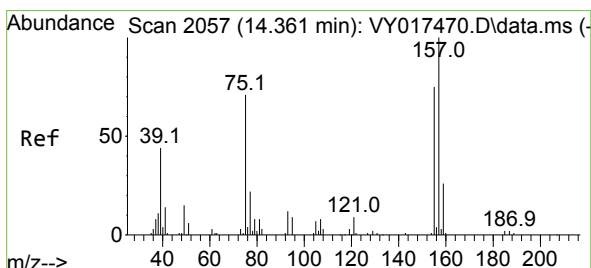
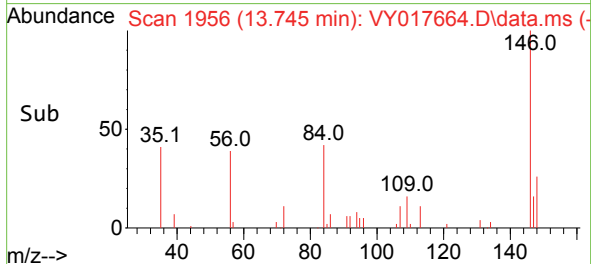
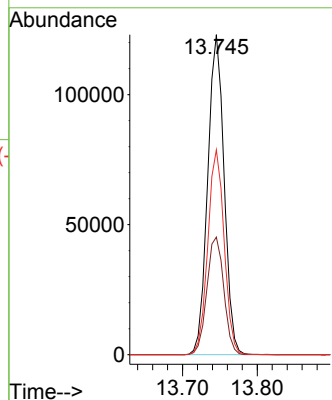
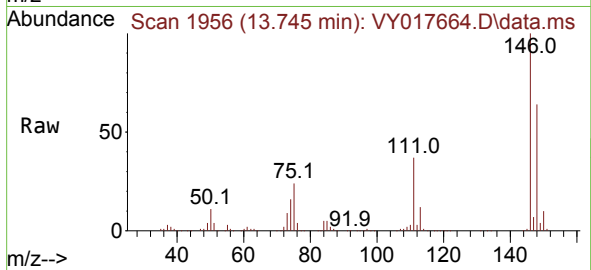




#91
1,2-Dichlorobenzene
Concen: 54.858 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

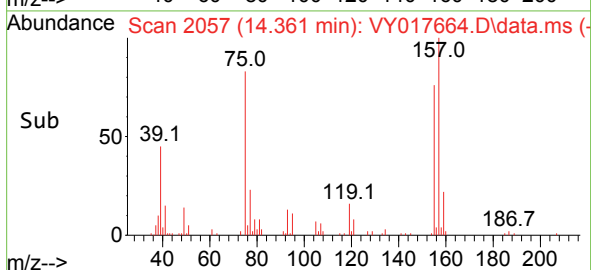
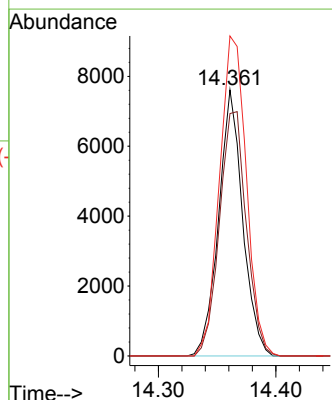
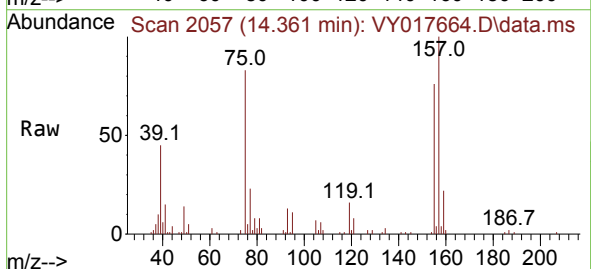
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

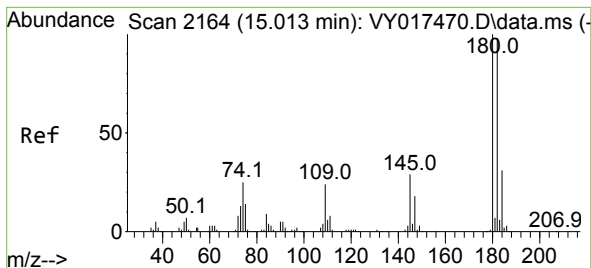
Tgt Ion:146 Resp: 187780
Ion Ratio Lower Upper
146 100
111 38.0 19.9 59.7
148 63.8 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.880 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017664.D
Acq: 15 Mar 2024 08:56

Tgt Ion: 75 Resp: 10829
Ion Ratio Lower Upper
75 100
155 102.7 48.6 145.8
157 134.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 58.400 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

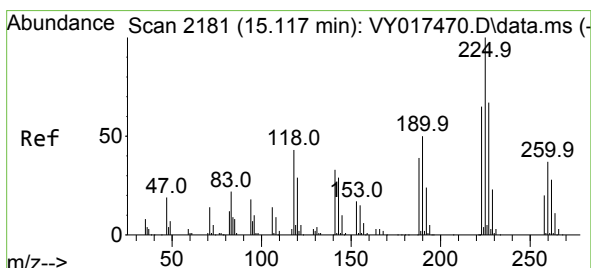
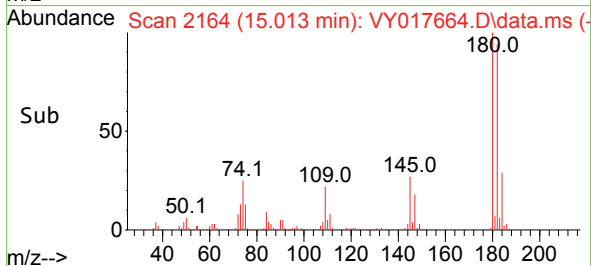
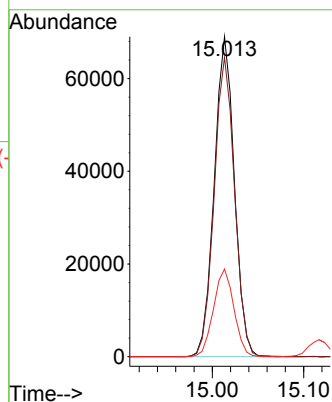
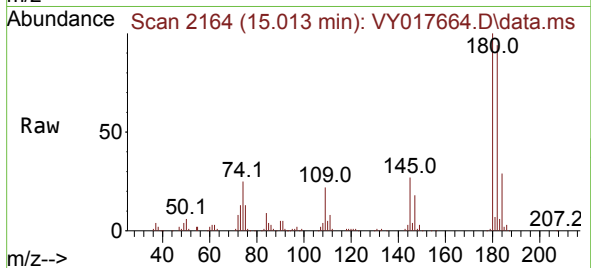
Tgt Ion:180 Resp: 105590

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.8

145 27.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 55.602 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

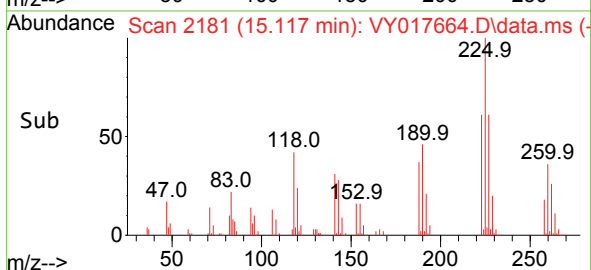
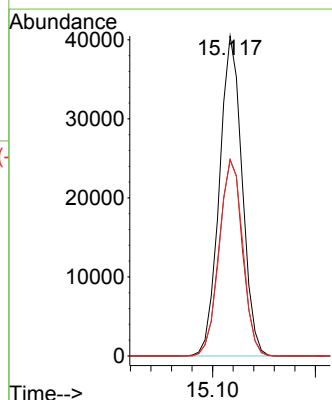
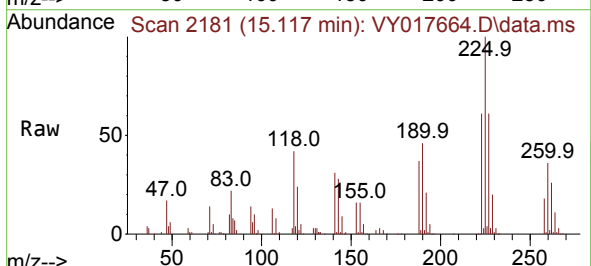
Tgt Ion:225 Resp: 62069

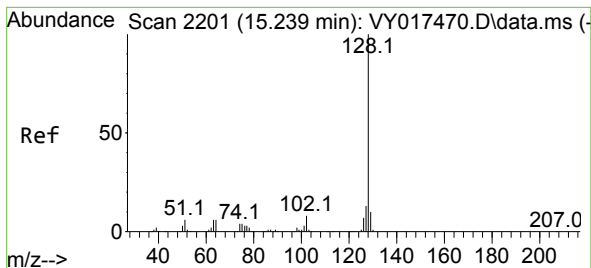
Ion Ratio Lower Upper

225 100

223 63.1 30.4 91.2

227 63.3 31.9 95.9





#95

Naphthalene

Concen: 52.548 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

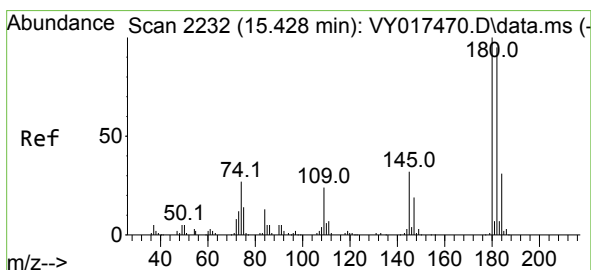
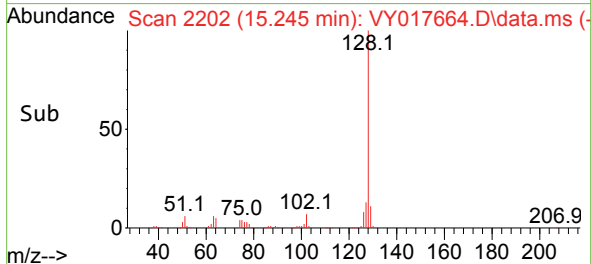
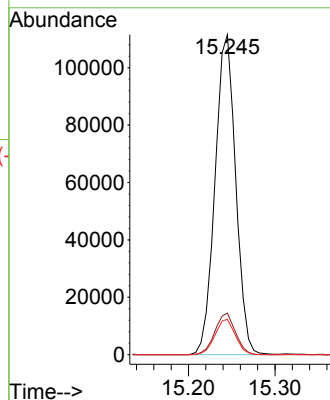
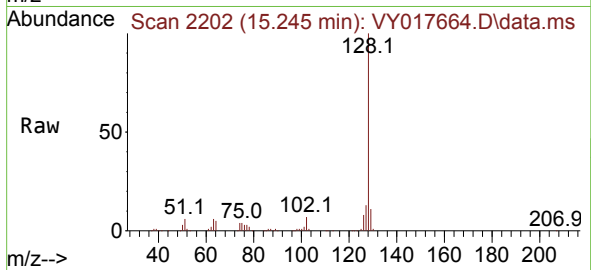
Tgt Ion:128 Resp: 184855

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 58.725 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017664.D

Acq: 15 Mar 2024 08:56

Tgt Ion:180 Resp: 91087

Ion Ratio Lower Upper

180 100

182 94.4 47.6 142.9

145 29.2 15.4 46.1

