

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017162.D
 Acq On : 31 Jan 2024 17:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 31 23:00:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	99475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	171454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	152818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71331	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	53534	55.236	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.480%	
35) Dibromofluoromethane	7.728	113	53348	51.554	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.100%	
50) Toluene-d8	10.191	98	200892	51.399	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.800%	
62) 4-Bromofluorobenzene	12.489	95	64698	53.735	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	31030	42.176	ug/l	93
3) Chloromethane	2.119	50	62184	49.387	ug/l	99
4) Vinyl Chloride	2.253	62	75169	52.679	ug/l	100
5) Bromomethane	2.656	94	59327	55.851	ug/l	96
6) Chloroethane	2.802	64	53667	57.432	ug/l	97
7) Trichlorofluoromethane	3.131	101	81852	50.020	ug/l	97
8) Diethyl Ether	3.534	74	29199	50.946	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	51096	45.923	ug/l	98
10) Methyl Iodide	4.101	142	46411	43.907	ug/l	98
11) Tert butyl alcohol	4.966	59	22478	325.047	ug/l	99
12) 1,1-Dichloroethene	3.881	96	46056	45.219	ug/l	94
13) Acrolein	3.735	56	25845	222.350	ug/l	98
14) Allyl chloride	4.491	41	75997	49.366	ug/l	98
15) Acrylonitrile	5.173	53	76142	306.104	ug/l	99
16) Acetone	3.954	43	71680	280.883	ug/l	94
17) Carbon Disulfide	4.204	76	114933	37.440	ug/l	98
18) Methyl Acetate	4.485	43	68202	68.596	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	137937	55.498	ug/l	99
20) Methylene Chloride	4.728	84	60618	57.110	ug/l	96
21) trans-1,2-Dichloroethene	5.234	96	55039	46.719	ug/l	99
22) Diisopropyl ether	6.131	45	191546	56.368	ug/l	97
23) Vinyl Acetate	6.076	43	454350	275.637	ug/l	99
24) 1,1-Dichloroethane	6.033	63	105982	51.133	ug/l	99
25) 2-Butanone	7.002	43	102796	292.006	ug/l	97
26) 2,2-Dichloropropane	6.990	77	86326	48.764	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	68330	52.340	ug/l	99
28) Bromochloromethane	7.344	49	50307	60.967	ug/l	98
29) Tetrahydrofuran	7.356	42	63304	322.111	ug/l	99
30) Chloroform	7.521	83	112796	53.444	ug/l	99
31) Cyclohexane	7.795	56	79886	46.222	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	89775	49.606	ug/l	98
36) 1,1-Dichloropropene	7.929	75	77696	45.634	ug/l	99
37) Ethyl Acetate	7.082	43	42348	57.846	ug/l	99
38) Carbon Tetrachloride	7.911	117	76941	46.115	ug/l	99
39) Methylcyclohexane	9.197	83	88754	43.341	ug/l	96
40) Benzene	8.173	78	242748	49.095	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017162.D
 Acq On : 31 Jan 2024 17:13
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jan 31 23:00:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	25662	65.542	ug/l	97
42) 1,2-Dichloroethane	8.246	62	68488	53.427	ug/l	100
43) Isopropyl Acetate	8.283	43	78977	57.787	ug/l	99
44) Trichloroethene	8.947	130	60362	47.598	ug/l	99
45) 1,2-Dichloropropane	9.228	63	64008	52.742	ug/l	97
46) Dibromomethane	9.313	93	34860	54.087	ug/l	99
47) Bromodichloromethane	9.508	83	87252	53.212	ug/l	97
48) Methyl methacrylate	9.301	41	45002	59.305	ug/l	97
49) 1,4-Dioxane	9.301	88	8336	1315.046	ug/l	100
51) 4-Methyl-2-Pentanone	10.081	43	230693	317.319	ug/l	100
52) Toluene	10.252	92	151810	50.726	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	81210	54.216	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	96542	52.404	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	49993	55.498	ug/l	98
56) Ethyl methacrylate	10.520	69	47206	59.926	ug/l	99
57) 1,3-Dichloropropane	10.801	76	84486	55.474	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	179853	328.916	ug/l	99
59) 2-Hexanone	10.843	43	161265	290.756	ug/l	100
60) Dibromochloromethane	10.996	129	57945	55.367	ug/l	99
61) 1,2-Dibromoethane	11.099	107	45366	55.438	ug/l	100
64) Tetrachloroethene	10.727	164	48883	45.892	ug/l	96
65) Chlorobenzene	11.526	112	161482	49.865	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	60247	50.932	ug/l	99
67) Ethyl Benzene	11.599	91	291696	49.548	ug/l	99
68) m/p-Xylenes	11.709	106	217709	98.426	ug/l	100
69) o-Xylene	12.038	106	101231	50.383	ug/l	99
70) Styrene	12.050	104	157213	53.898	ug/l	99
71) Bromoform	12.215	173	32588	54.941	ug/l #	98
73) Isopropylbenzene	12.337	105	275151	46.922	ug/l	99
74) N-amyl acetate	12.154	43	66252	56.052	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	59919	53.586	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	71878	83.018	ug/l #	100
77) Bromobenzene	12.617	156	62367	49.152	ug/l	99
78) n-propylbenzene	12.678	91	338268	47.961	ug/l	100
79) 2-Chlorotoluene	12.764	91	186099	48.083	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	226126	48.724	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	17650	52.775	ug/l	98
82) 4-Chlorotoluene	12.861	91	190515	47.495	ug/l	99
83) tert-Butylbenzene	13.081	119	192123	47.860	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	223331	48.417	ug/l	98
85) sec-Butylbenzene	13.257	105	287221	48.321	ug/l	100
86) p-Isopropyltoluene	13.379	119	240577	48.589	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	121469	48.488	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	119926	48.656	ug/l	100
89) n-Butylbenzene	13.702	91	233881	48.973	ug/l	100
90) Hexachloroethane	13.971	117	49026	47.507	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	106989	50.010	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7955	55.702	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	55772	49.888	ug/l	99
94) Hexachlorobutadiene	15.117	225	31289	46.503	ug/l	99
95) Naphthalene	15.245	128	111949	56.696	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	47971	51.577	ug/l	97

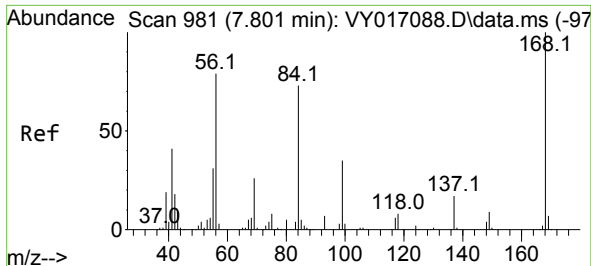
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
Data File : VY017162.D
Acq On : 31 Jan 2024 17:13
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jan 31 23:00:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 2024
Response via : Initial Calibration

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

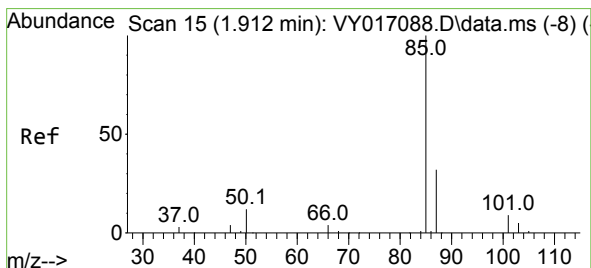
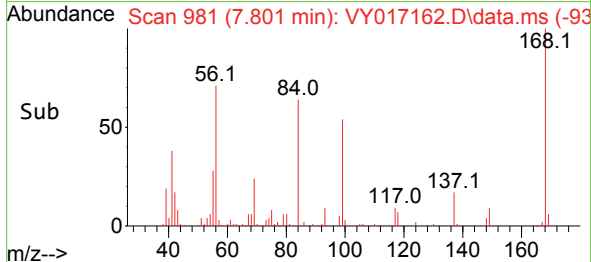
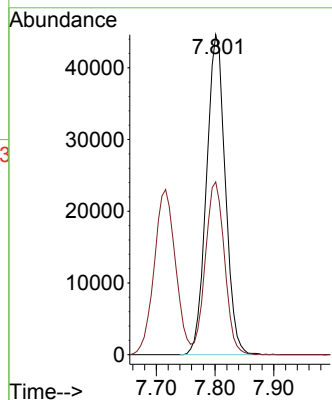
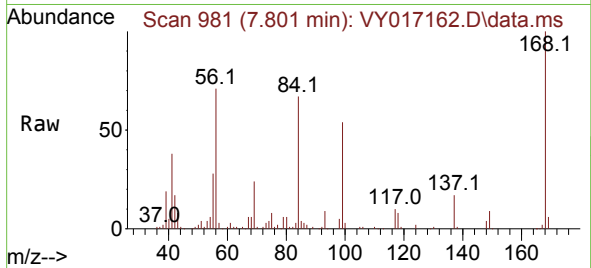
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

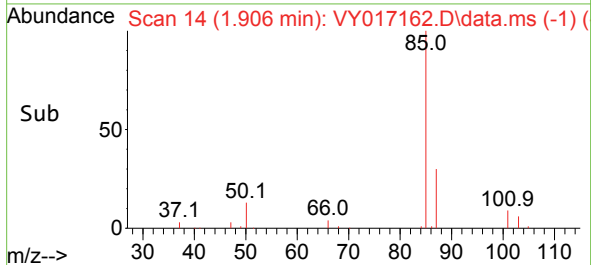
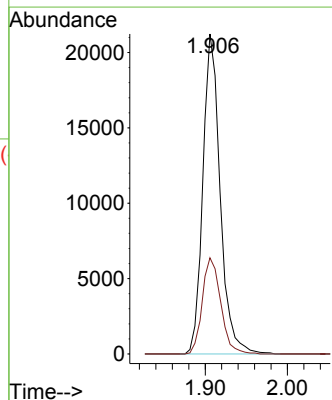
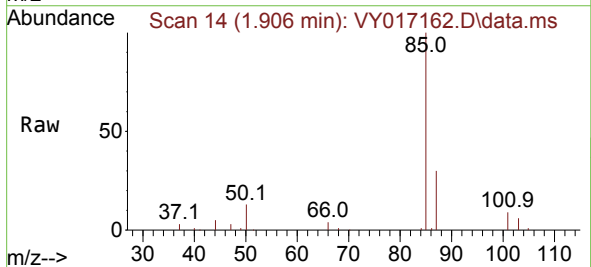
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

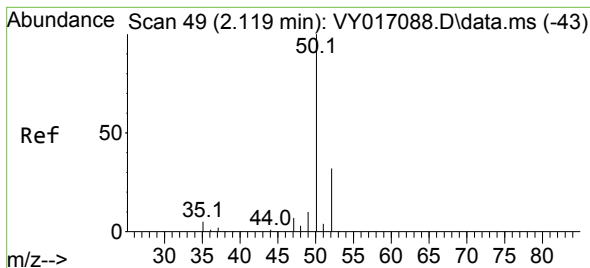
Tgt Ion:168 Resp: 99475
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 42.176 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion: 85 Resp: 31030
Ion Ratio Lower Upper
85 100
87 30.1 17.1 51.3





#3

Chloromethane

Concen: 49.387 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

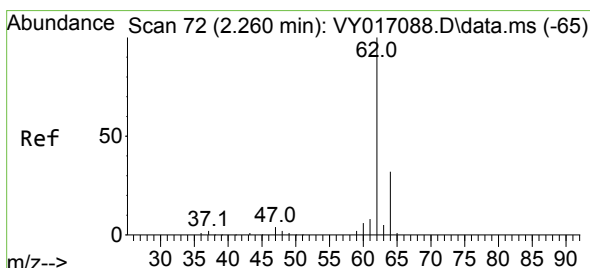
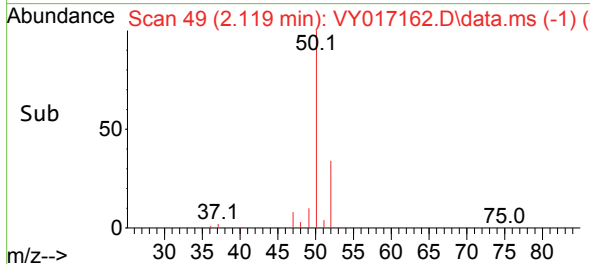
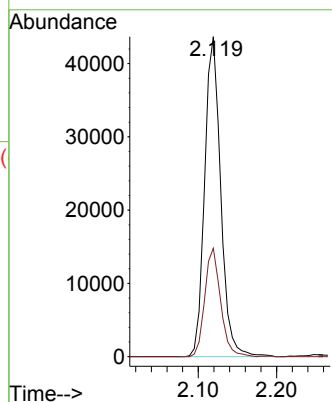
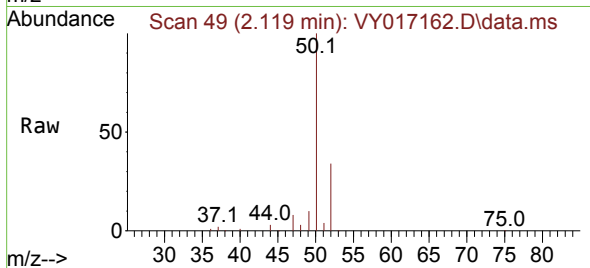
VSTDCCC050EC

Tgt Ion: 50 Resp: 62184

Ion Ratio Lower Upper

50 100

52 33.9 26.7 40.1



#4

Vinyl Chloride

Concen: 52.679 ug/l

RT: 2.253 min Scan# 71

Delta R.T. -0.006 min

Lab File: VY017162.D

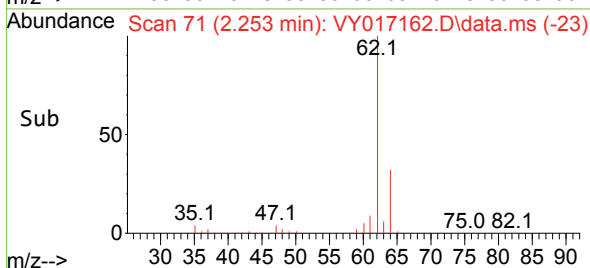
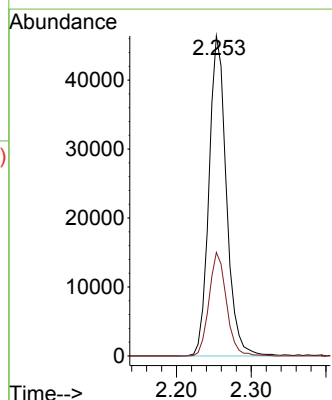
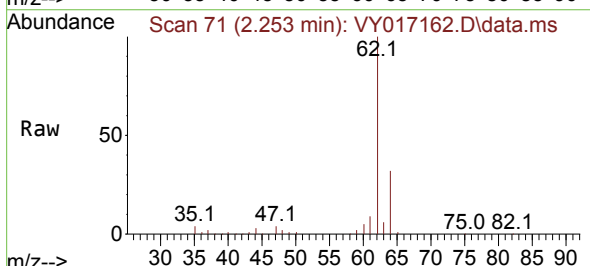
Acq: 31 Jan 2024 17:13

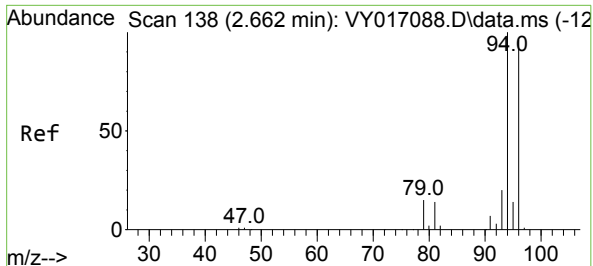
Tgt Ion: 62 Resp: 75169

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5





#5

Bromomethane

Concen: 55.851 ug/l

RT: 2.656 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

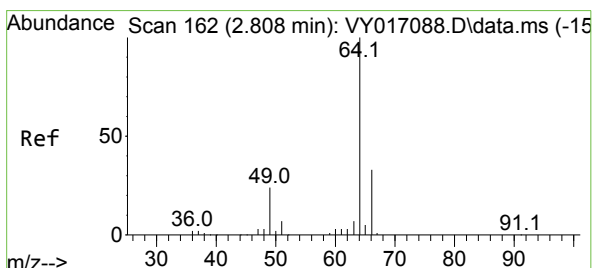
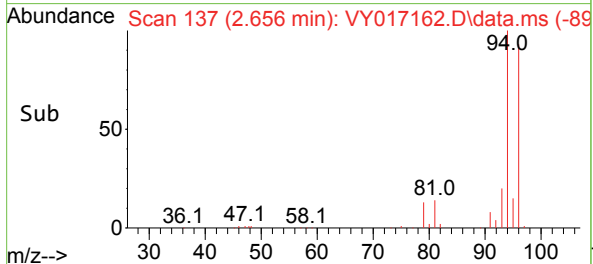
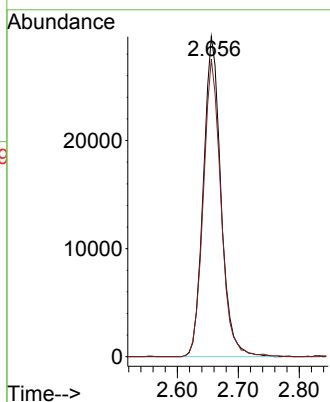
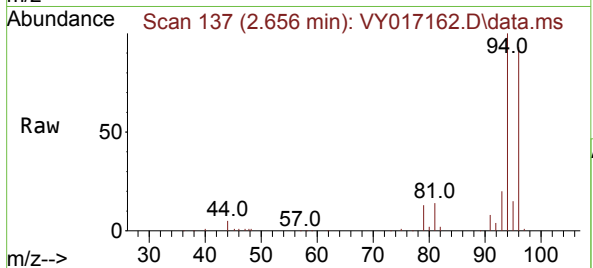
VSTDCCC050EC

Tgt Ion: 94 Resp: 59327

Ion Ratio Lower Upper

94 100

96 92.9 77.3 115.9



#6

Chloroethane

Concen: 57.432 ug/l

RT: 2.802 min Scan# 161

Delta R.T. -0.006 min

Lab File: VY017162.D

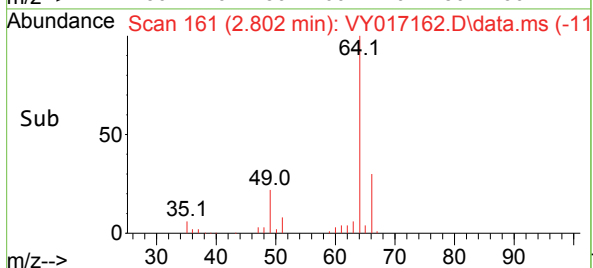
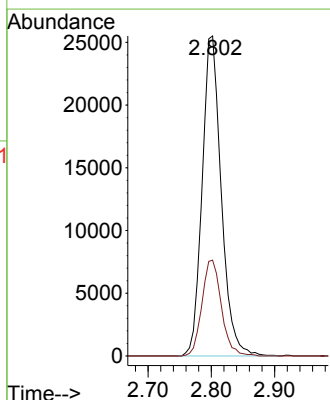
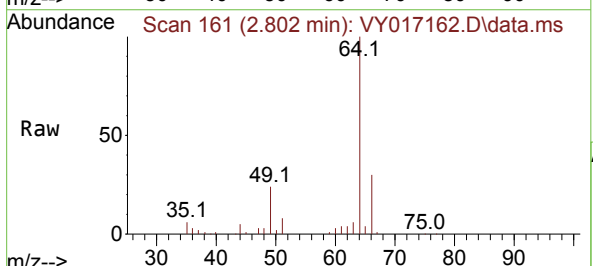
Acq: 31 Jan 2024 17:13

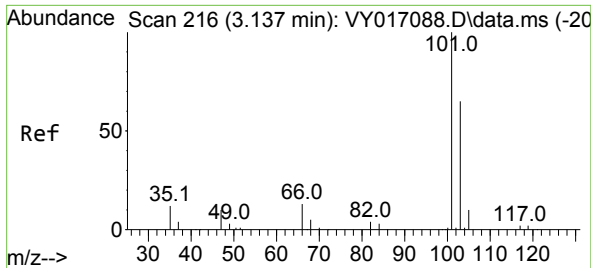
Tgt Ion: 64 Resp: 53667

Ion Ratio Lower Upper

64 100

66 30.0 25.1 37.7

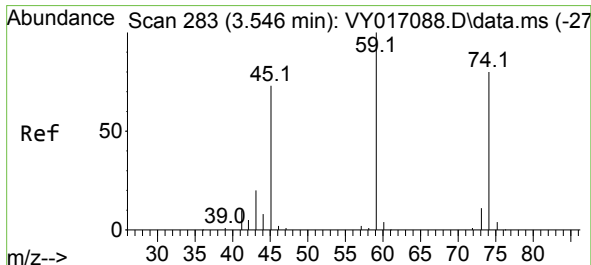
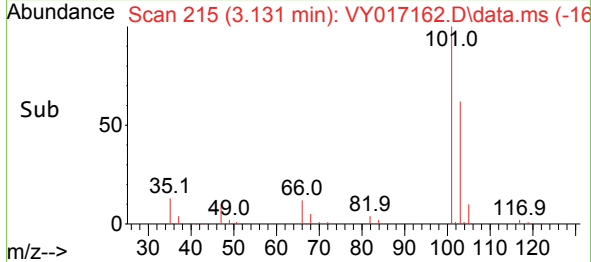
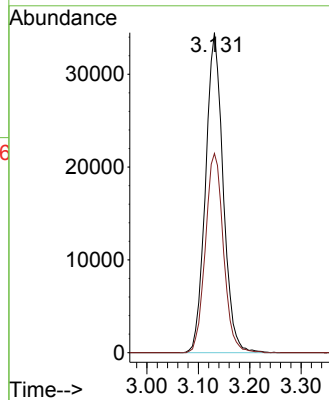
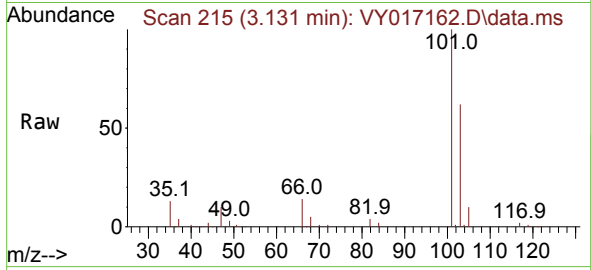




#7
 Trichlorofluoromethane
 Concen: 50.020 ug/l
 RT: 3.131 min Scan# 216
 Delta R.T. -0.006 min
 Lab File: VY017162.D
 Acq: 31 Jan 2024 17:13

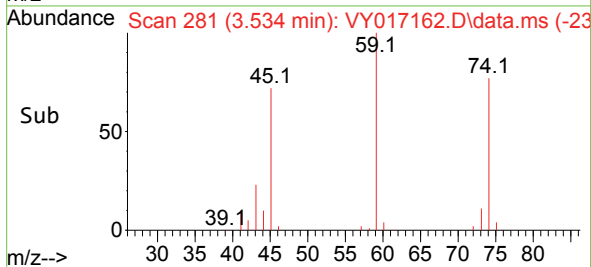
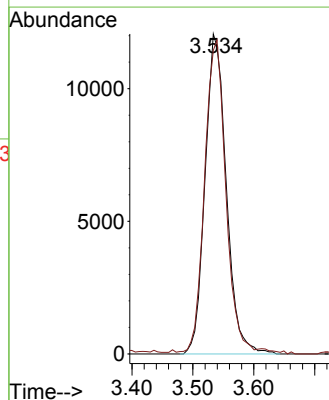
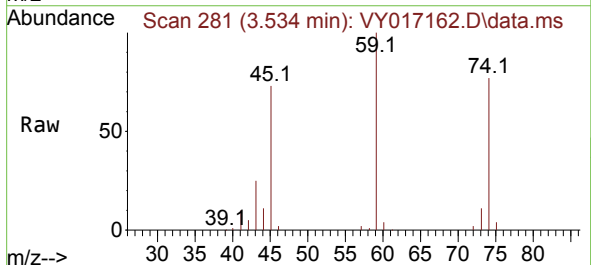
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

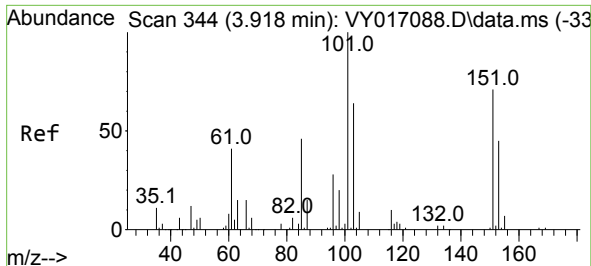
Tgt Ion:101 Resp: 81852
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.9 77.9



#8
 Diethyl Ether
 Concen: 50.946 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.006 min
 Lab File: VY017162.D
 Acq: 31 Jan 2024 17:13

Tgt Ion: 74 Resp: 29199
 Ion Ratio Lower Upper
 74 100
 45 95.9 47.9 143.7

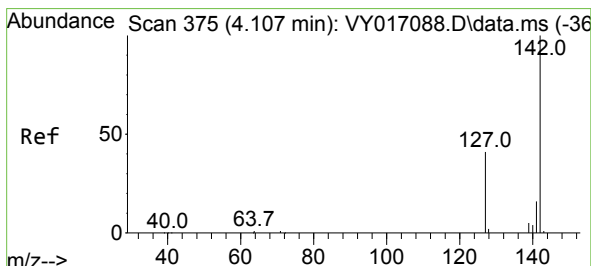
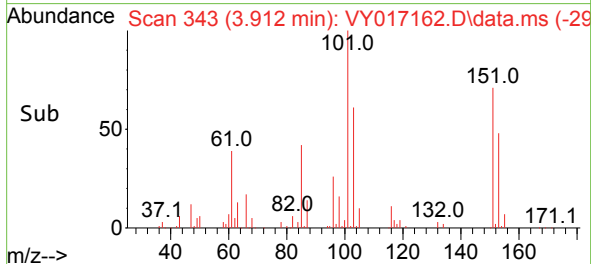
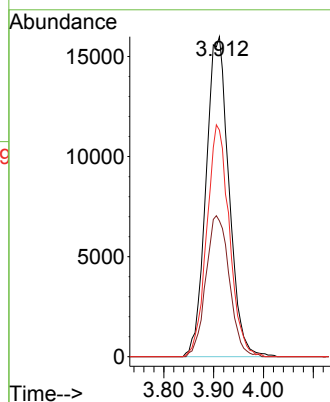
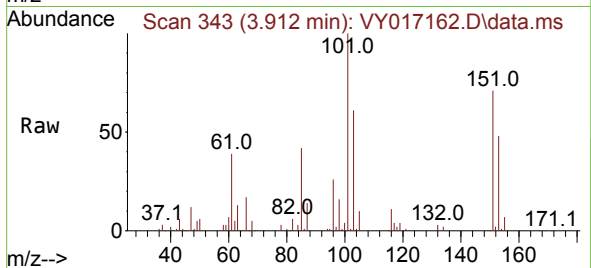




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.923 ug/l
RT: 3.912 min Scan# 34
Delta R.T. 0.001 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

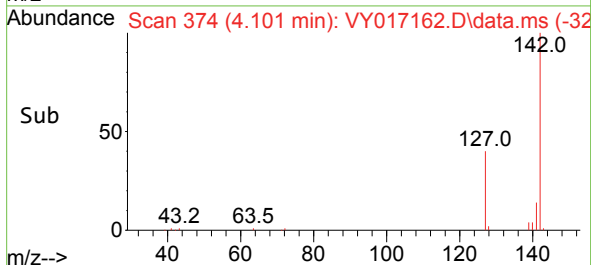
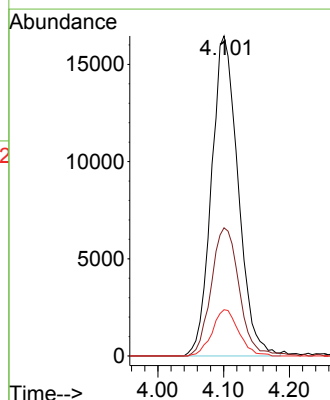
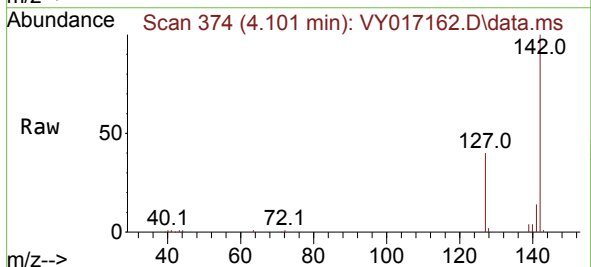
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

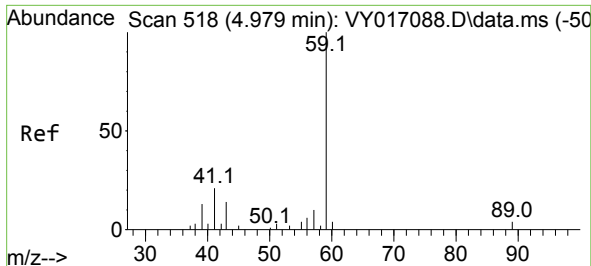
Tgt Ion:101 Resp: 51096
Ion Ratio Lower Upper
101 100
85 45.1 35.8 53.6
151 71.2 58.6 88.0



#10
Methyl Iodide
Concen: 43.907 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.005 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion:142 Resp: 46411
Ion Ratio Lower Upper
142 100
127 42.2 35.1 52.7
141 14.4 11.8 17.6

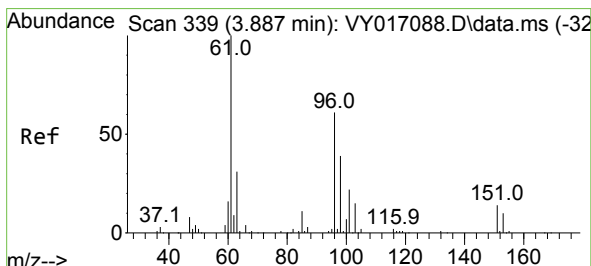
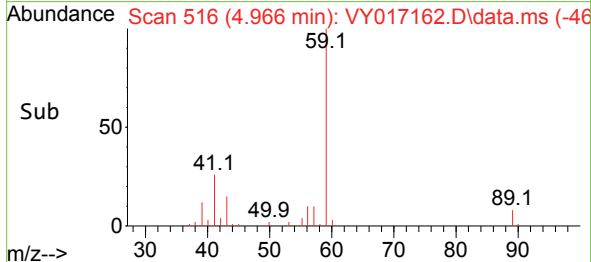
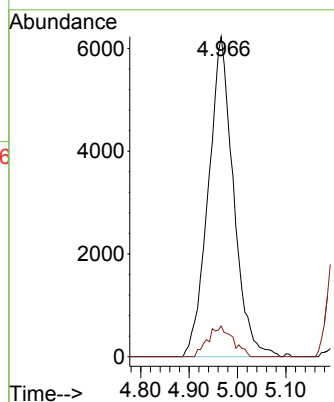
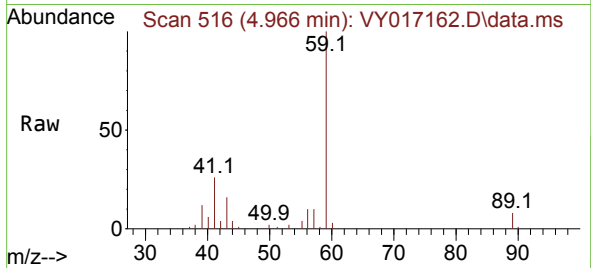




#11
Tert butyl alcohol
Concen: 325.047 ug/l
RT: 4.966 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

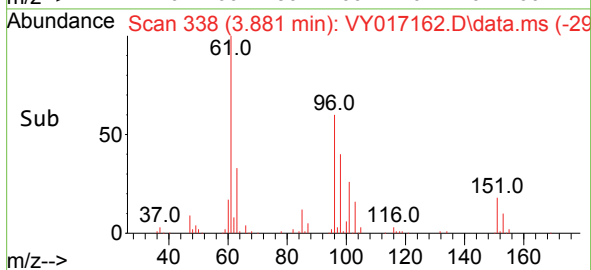
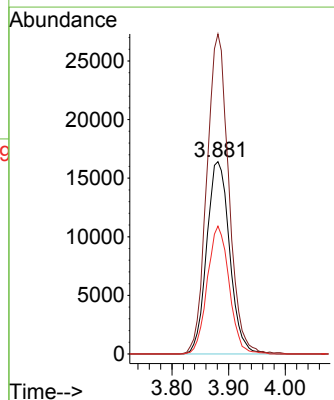
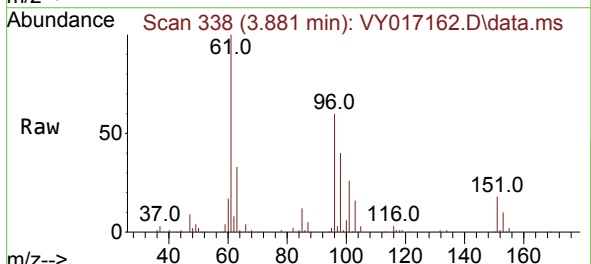
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

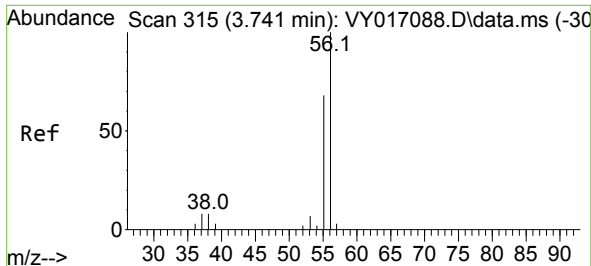
Tgt Ion: 59 Resp: 22478
Ion Ratio Lower Upper
59 100
57 9.5 7.4 11.0



#12
1,1-Dichloroethene
Concen: 45.219 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion: 96 Resp: 46056
Ion Ratio Lower Upper
96 100
61 166.3 124.2 186.2
98 66.5 52.6 79.0





#13

Acrolein

Concen: 222.350 ug/l

RT: 3.735 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

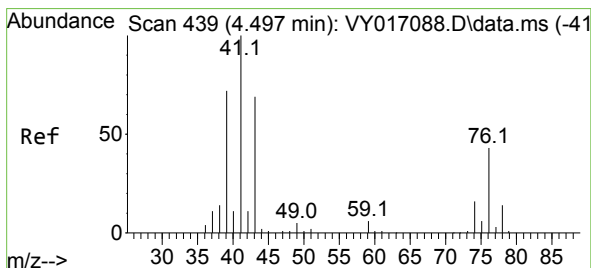
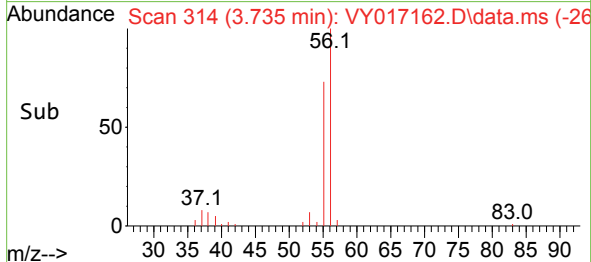
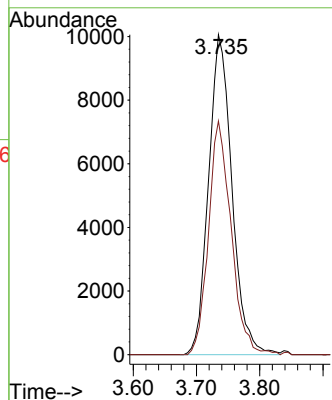
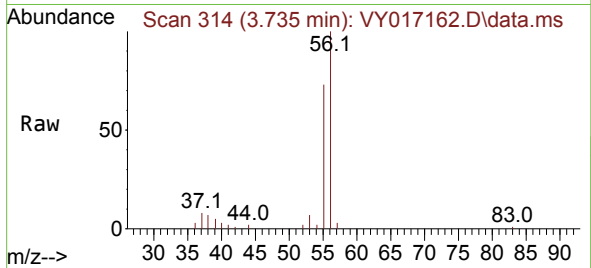
VSTDCCC050EC

Tgt Ion: 56 Resp: 25845

Ion Ratio Lower Upper

56 100

55 70.7 55.4 83.0



#14

Allyl chloride

Concen: 49.366 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

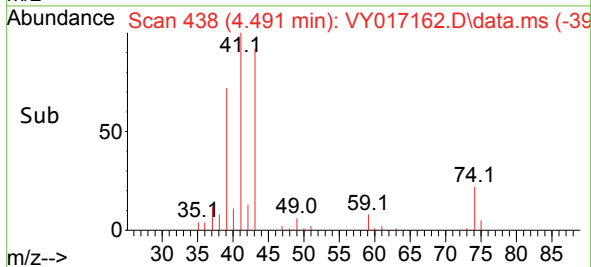
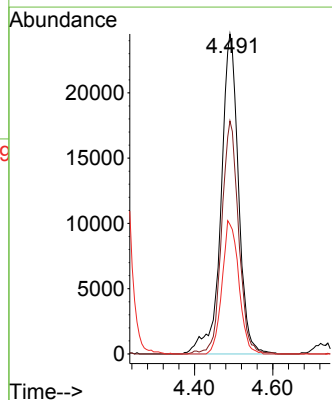
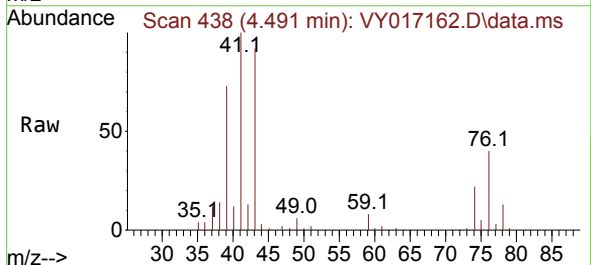
Tgt Ion: 41 Resp: 75997

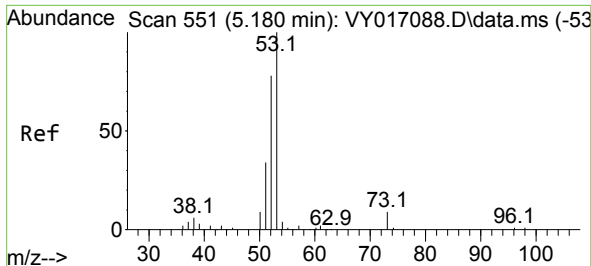
Ion Ratio Lower Upper

41 100

39 70.3 54.7 82.1

76 39.8 31.8 47.6

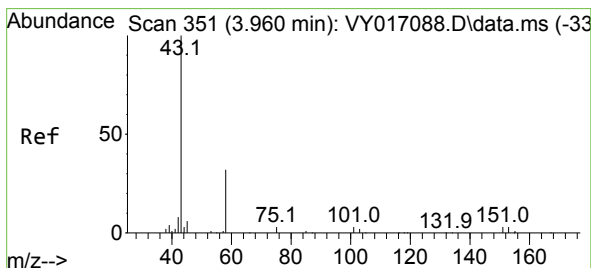
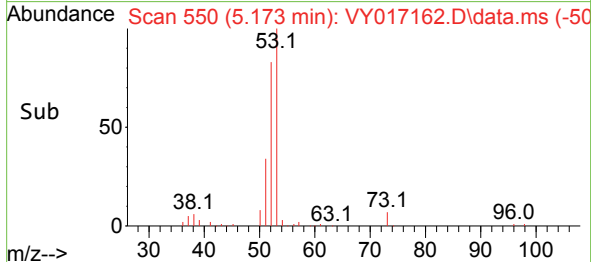
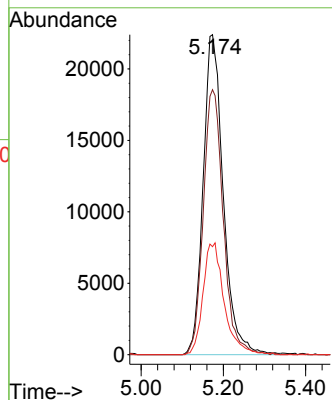
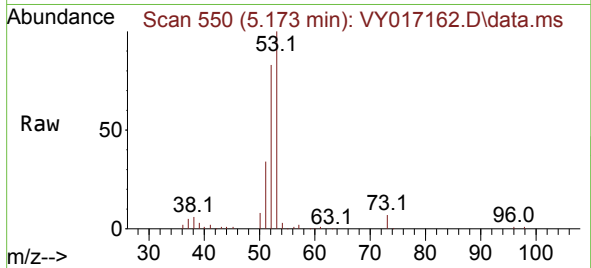




#15
Acrylonitrile
Concen: 306.104 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

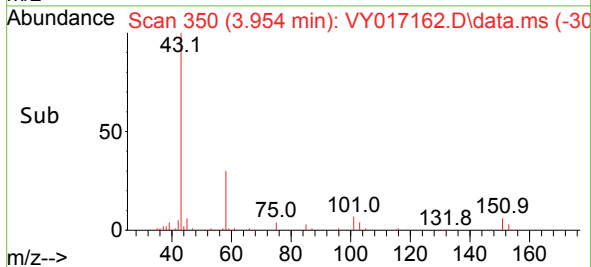
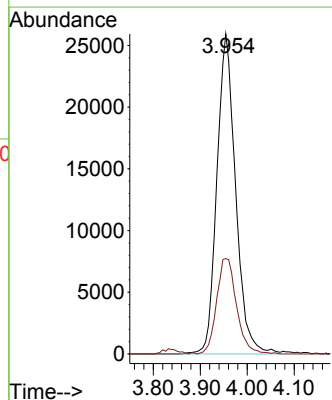
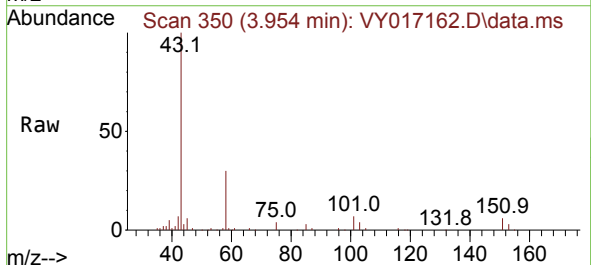
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

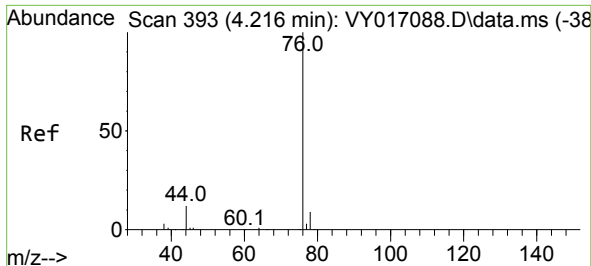
Tgt Ion: 53	Resp:	76142
Ion	Ratio	Lower Upper
53	100	
52	82.2	65.1 97.7
51	36.8	29.0 43.4



#16
Acetone
Concen: 280.883 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion: 43	Resp:	71680
Ion	Ratio	Lower Upper
43	100	
58	29.8	26.6 39.8





#17

Carbon Disulfide

Concen: 37.440 ug/l

RT: 4.204 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

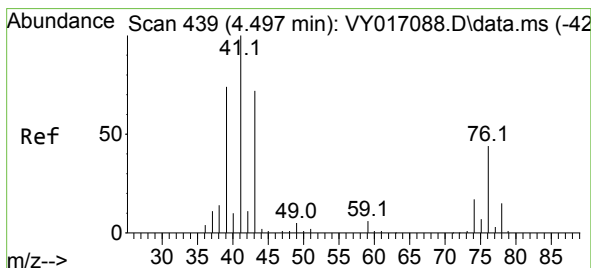
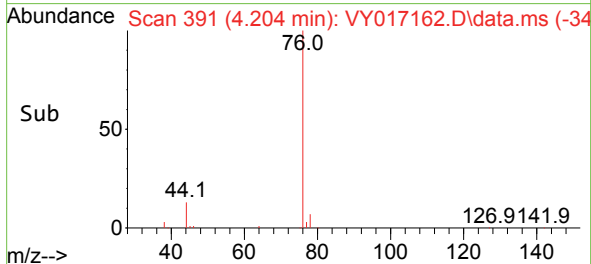
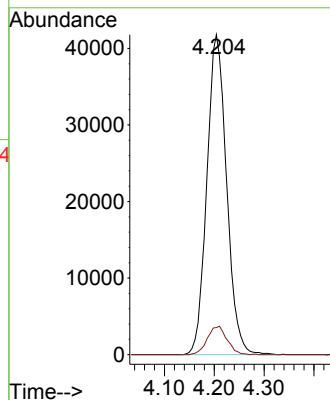
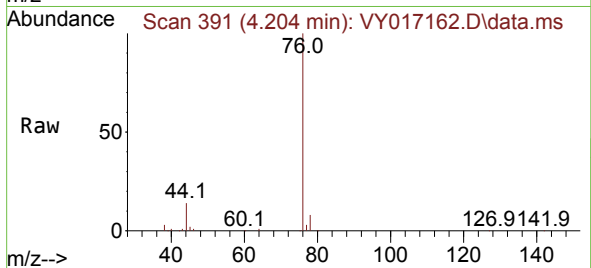
VSTDCCC050EC

Tgt Ion: 76 Resp: 114933

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0



#18

Methyl Acetate

Concen: 68.596 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.012 min

Lab File: VY017162.D

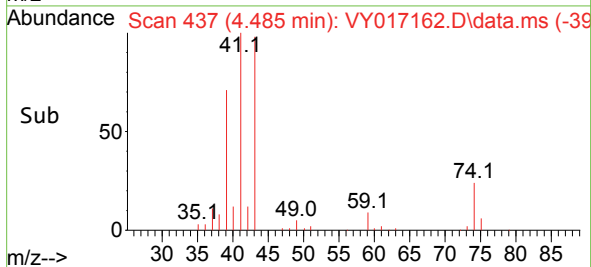
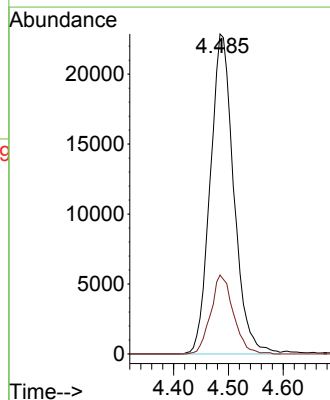
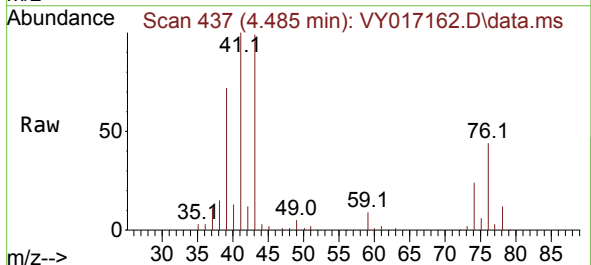
Acq: 31 Jan 2024 17:13

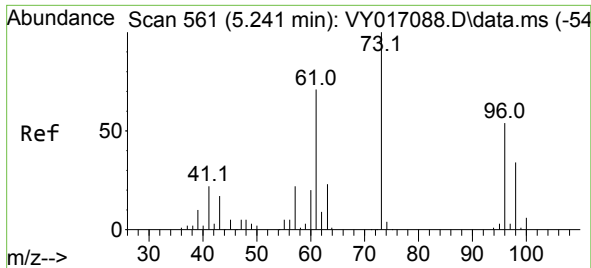
Tgt Ion: 43 Resp: 68202

Ion Ratio Lower Upper

43 100

74 23.8 19.8 29.6

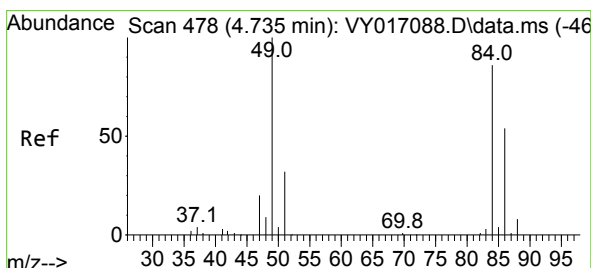
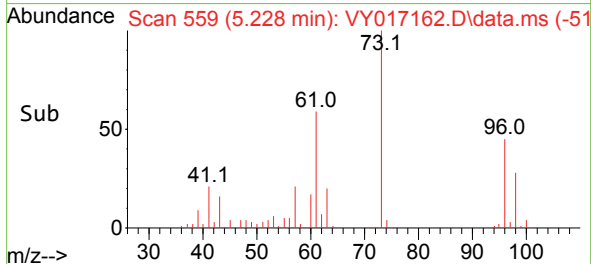
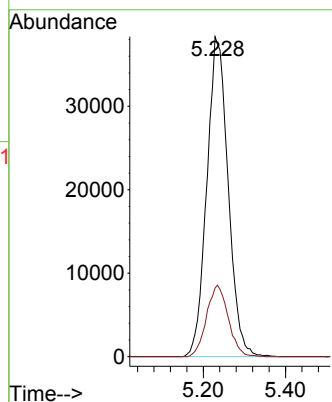
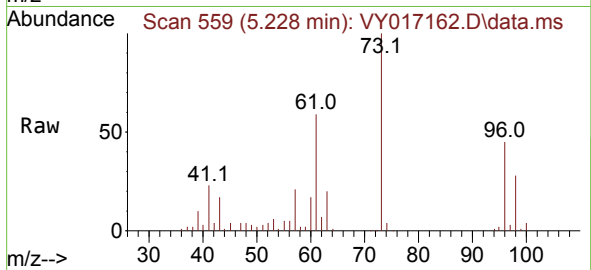




#19
Methyl tert-butyl Ether
Concen: 55.498 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

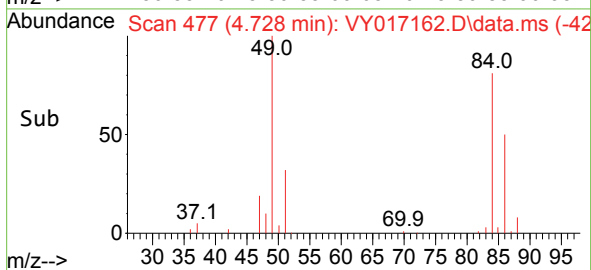
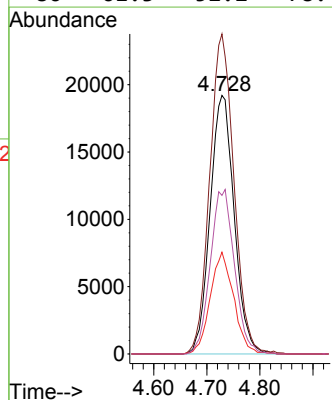
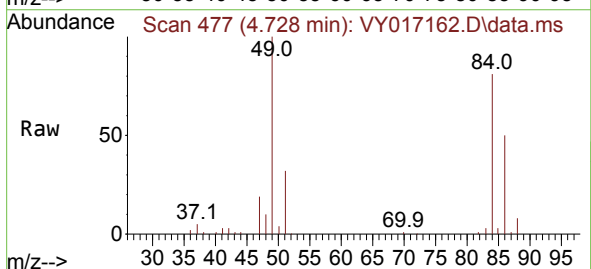
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

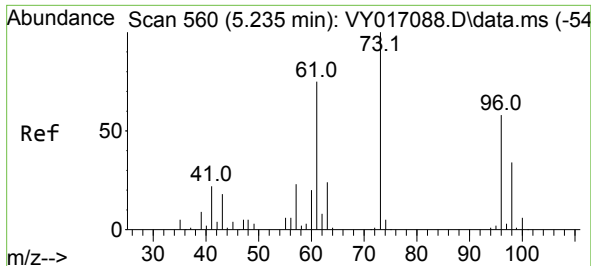
Tgt Ion: 73 Resp: 137937
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5



#20
Methylene Chloride
Concen: 57.110 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion: 84 Resp: 60618
Ion Ratio Lower Upper
84 100
49 123.8 95.2 142.8
51 39.3 29.9 44.9
86 61.3 52.2 78.4

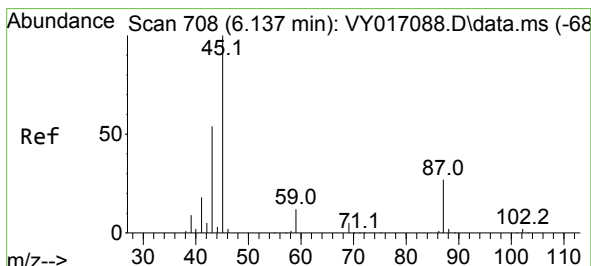
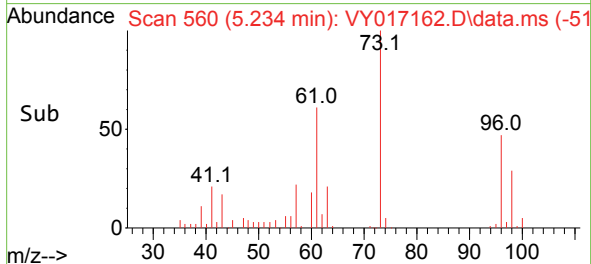
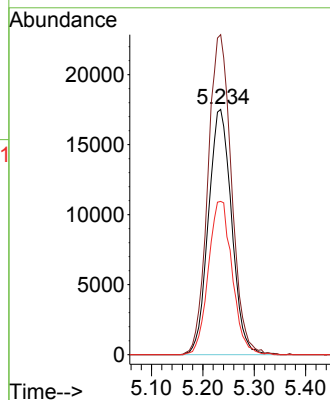
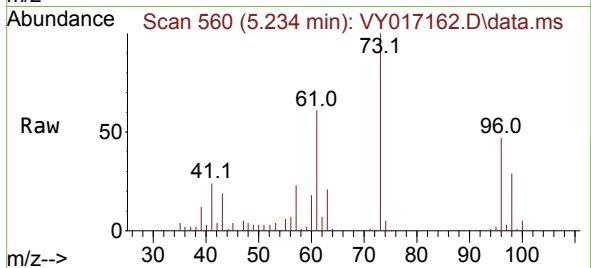




#21
trans-1,2-Dichloroethene
Concen: 46.719 ug/l
RT: 5.234 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

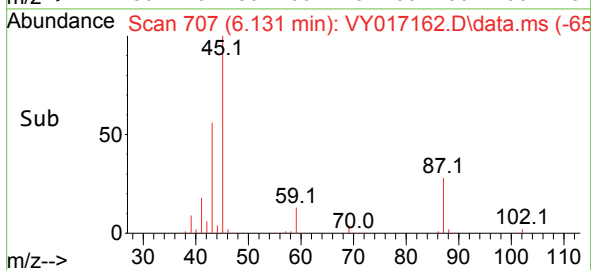
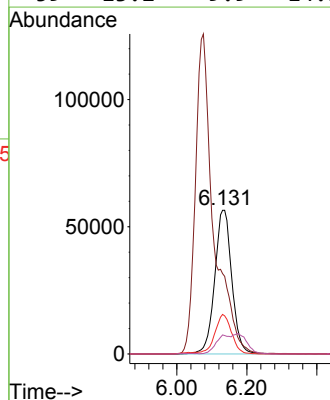
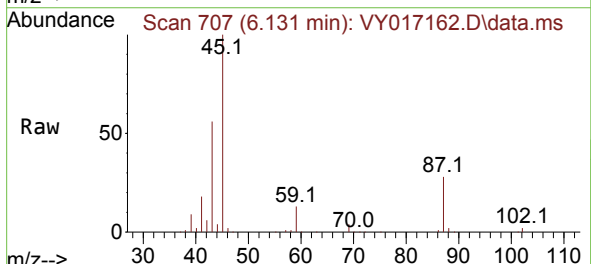
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

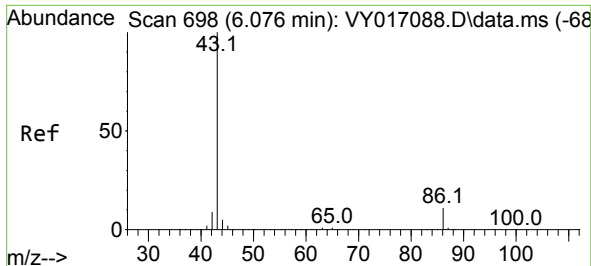
Tgt Ion: 96 Resp: 55039
Ion Ratio Lower Upper
96 100
61 130.5 104.6 156.8
98 62.5 50.9 76.3



#22
Diisopropyl ether
Concen: 56.368 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion: 45 Resp: 191546
Ion Ratio Lower Upper
45 100
43 55.7 46.8 70.2
87 27.5 22.2 33.2
59 13.2 9.9 14.9

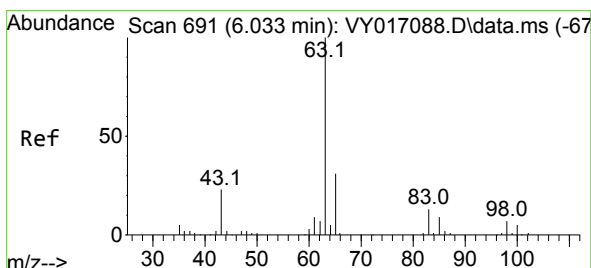
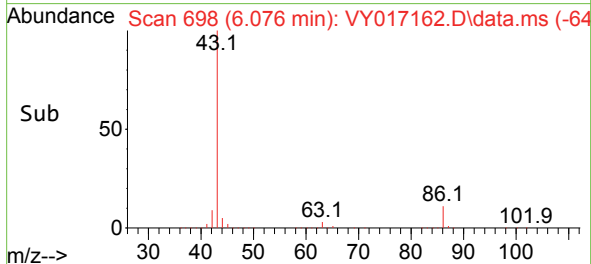
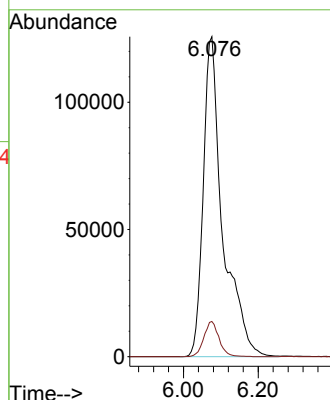
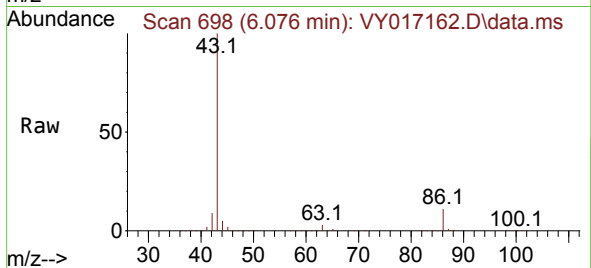




#23
 Vinyl Acetate
 Concen: 275.637 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY017162.D
 Acq: 31 Jan 2024 17:13

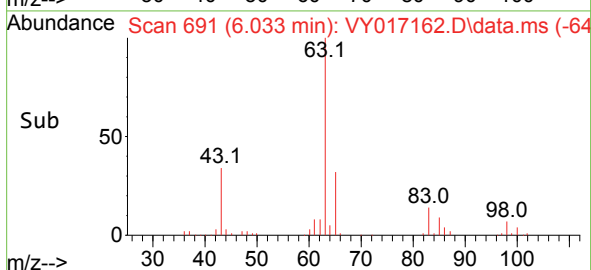
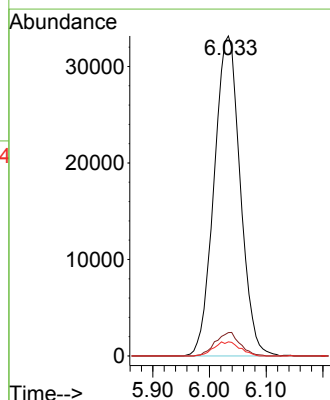
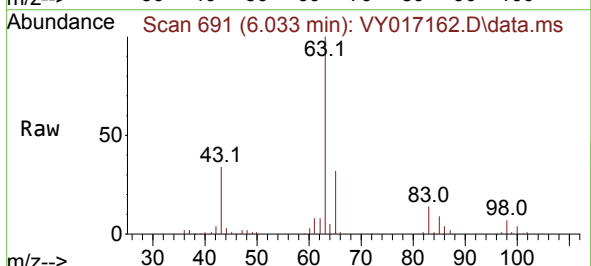
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

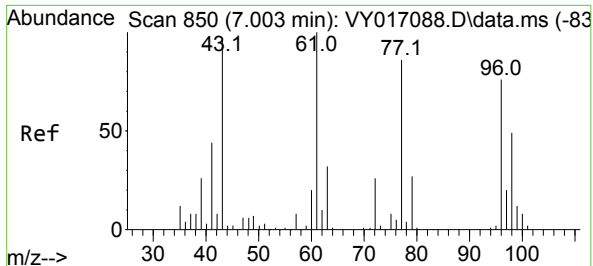
Tgt Ion: 43 Resp: 454350
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 51.133 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY017162.D
 Acq: 31 Jan 2024 17:13

Tgt Ion: 63 Resp: 105982
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.4 2.1 6.2





#25

2-Butanone

Concen: 292.006 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

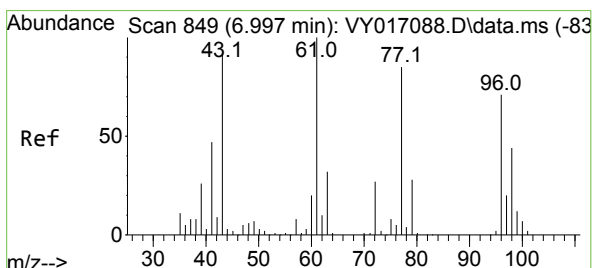
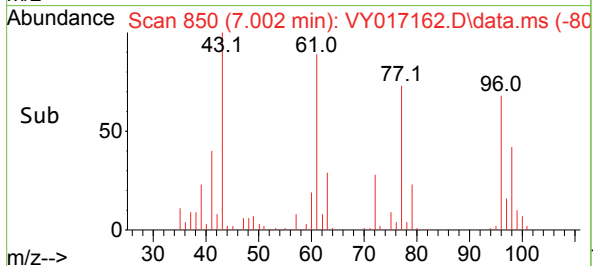
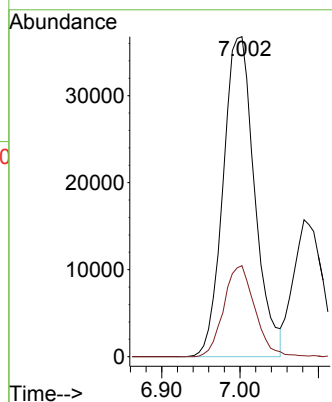
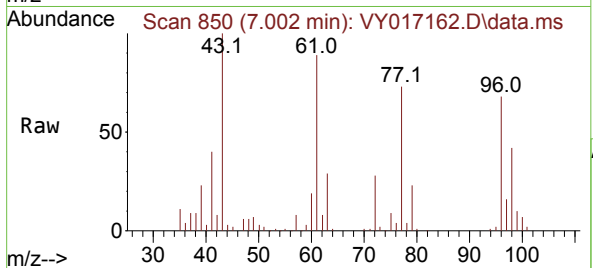
VSTDCCC050EC

Tgt Ion: 43 Resp: 102796

Ion Ratio Lower Upper

43 100

72 28.4 21.4 32.2



#26

2,2-Dichloropropane

Concen: 48.764 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY017162.D

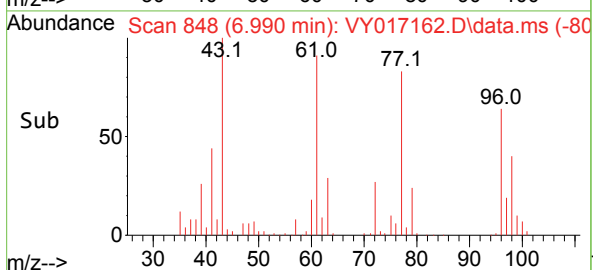
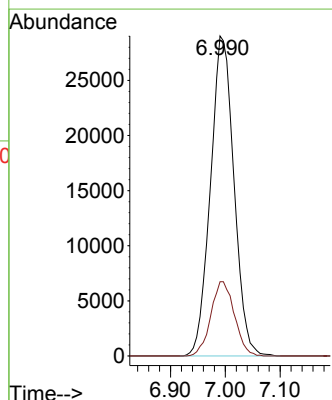
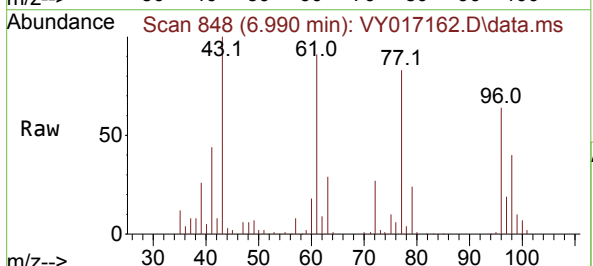
Acq: 31 Jan 2024 17:13

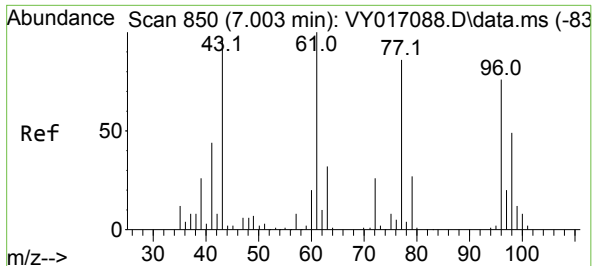
Tgt Ion: 77 Resp: 86326

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 52.340 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

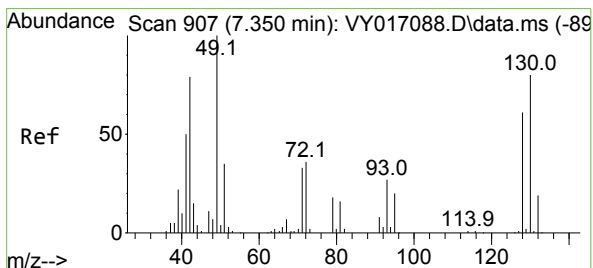
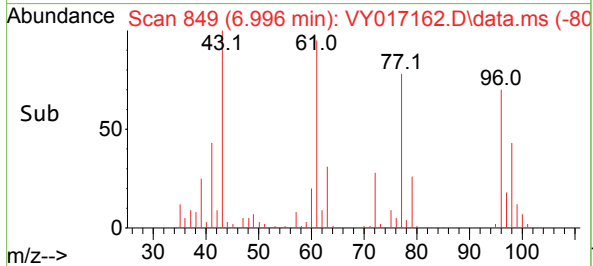
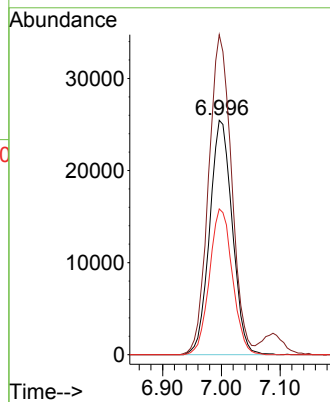
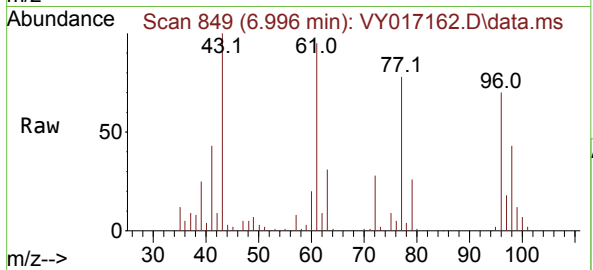
Tgt Ion: 96 Resp: 68330

Ion Ratio Lower Upper

96 100

61 138.4 0.0 278.8

98 62.9 0.0 127.0



#28

Bromochloromethane

Concen: 60.967 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

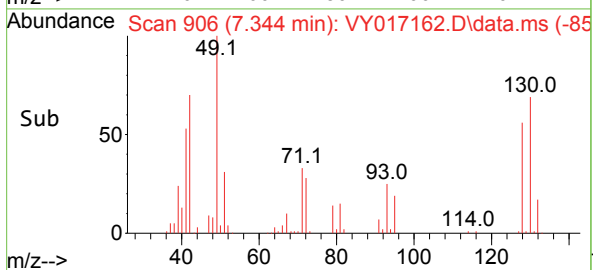
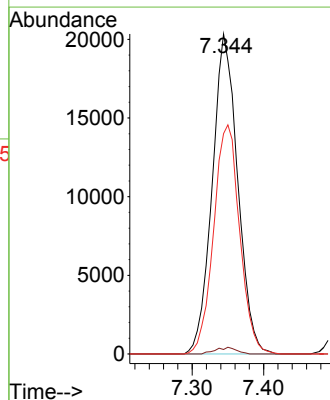
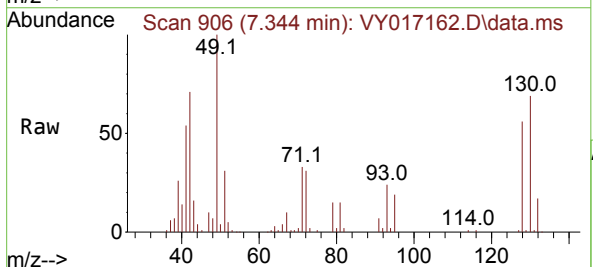
Tgt Ion: 49 Resp: 50307

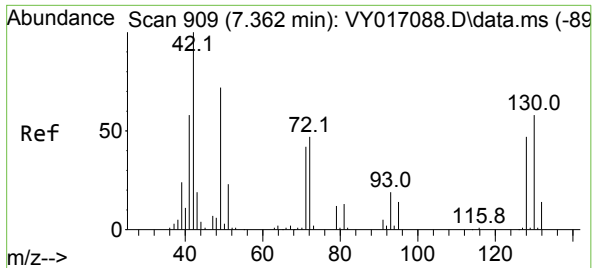
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 73.3 59.8 89.8





#29

Tetrahydrofuran

Concen: 322.111 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

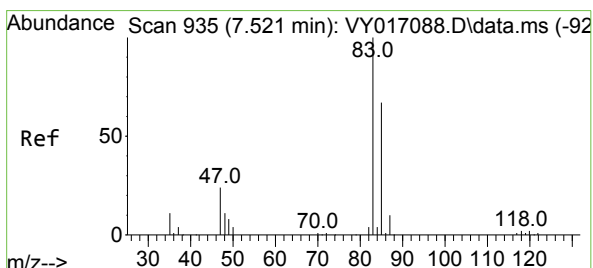
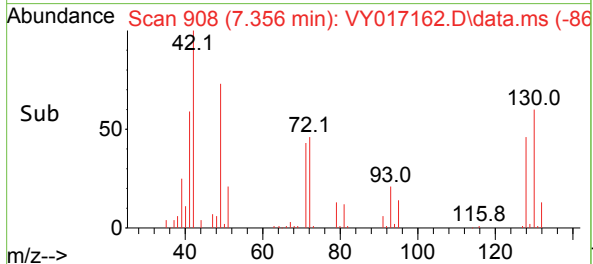
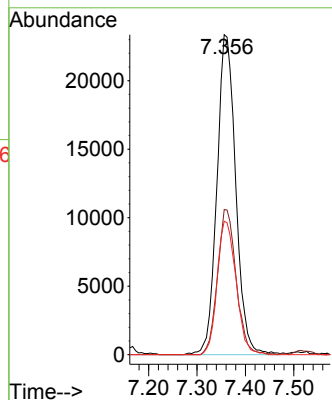
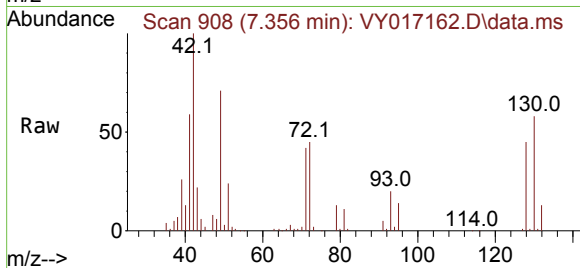
Tgt Ion: 42 Resp: 63304

Ion Ratio Lower Upper

42 100

72 44.9 36.6 54.8

71 41.8 33.8 50.6



#30

Chloroform

Concen: 53.444 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY017162.D

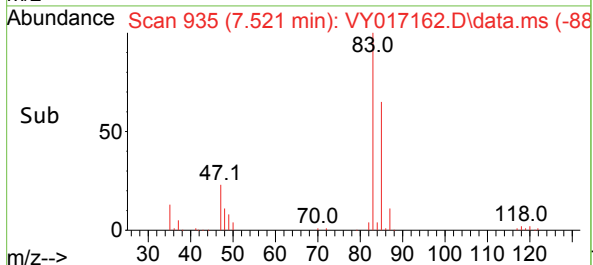
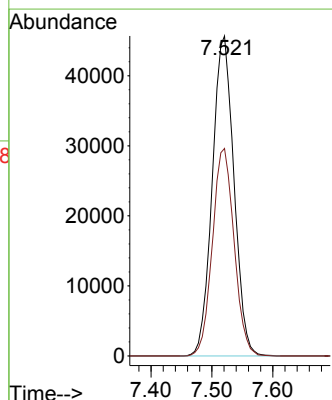
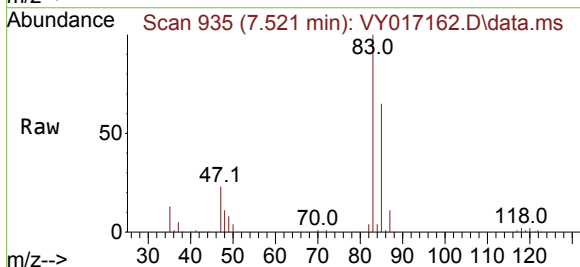
Acq: 31 Jan 2024 17:13

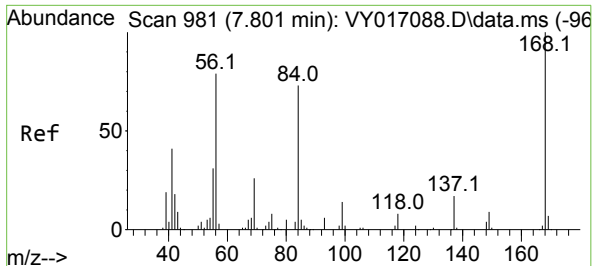
Tgt Ion: 83 Resp: 112796

Ion Ratio Lower Upper

83 100

85 64.8 51.2 76.8

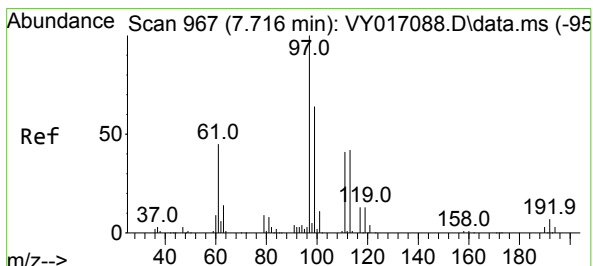
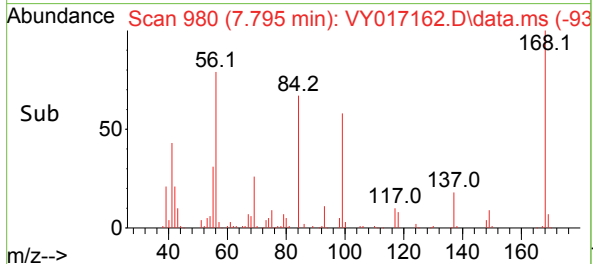
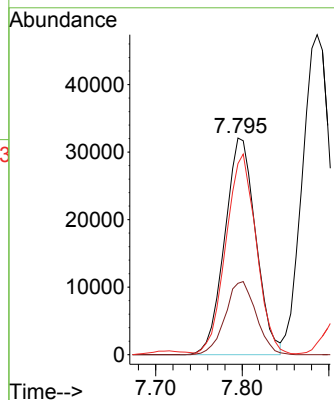
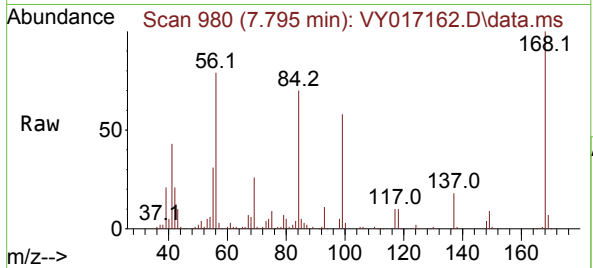




#31
Cyclohexane
Concen: 46.222 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

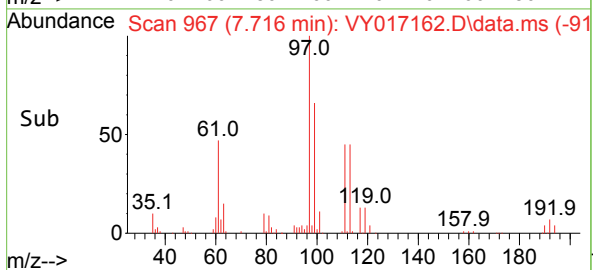
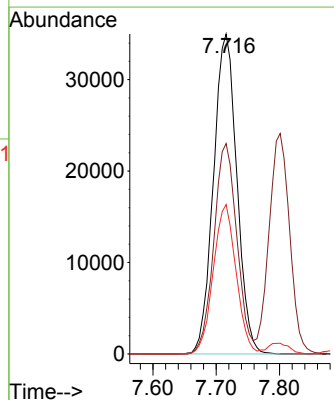
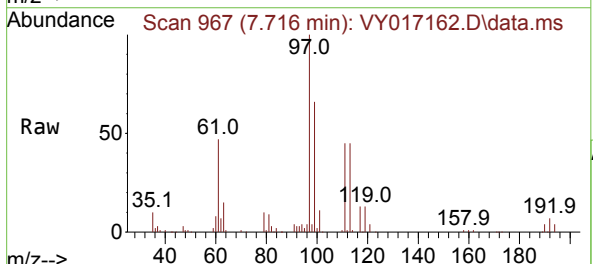
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

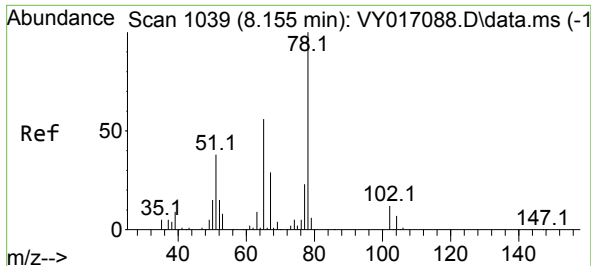
Tgt Ion: 56 Resp: 79886
Ion Ratio Lower Upper
56 100
69 33.0 27.0 40.6
84 87.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.606 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion: 97 Resp: 89775
Ion Ratio Lower Upper
97 100
99 64.7 51.2 76.8
61 45.5 35.0 52.6

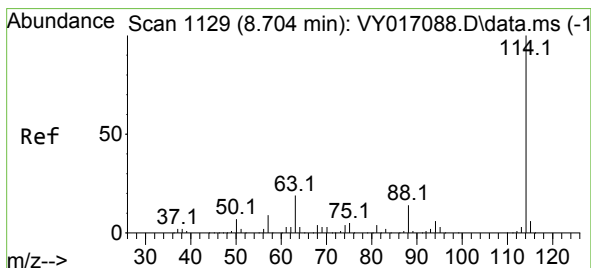
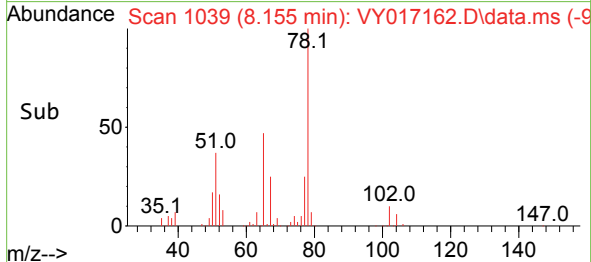
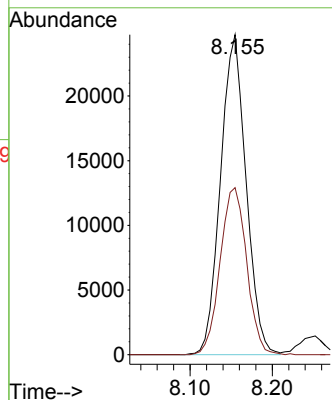
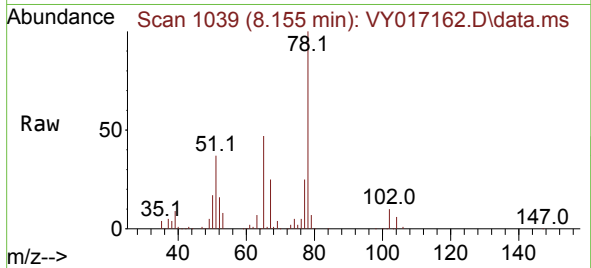




#33
 1,2-Dichloroethane-d4
 Concen: 55.236 ug/l
 RT: 8.155 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: VY017162.D
 Acq: 31 Jan 2024 17:13

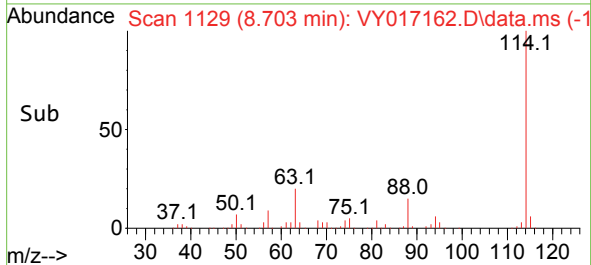
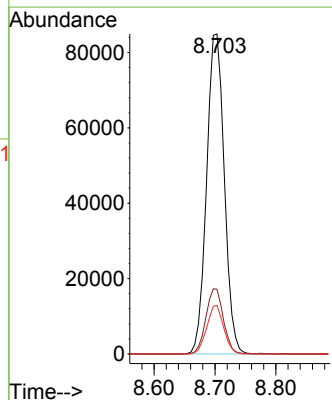
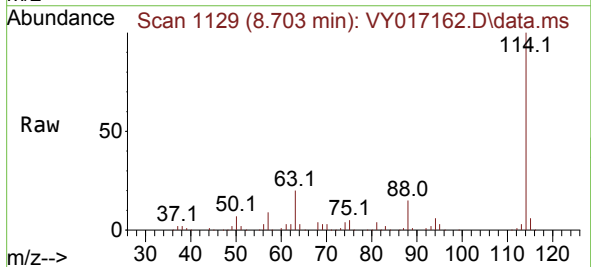
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

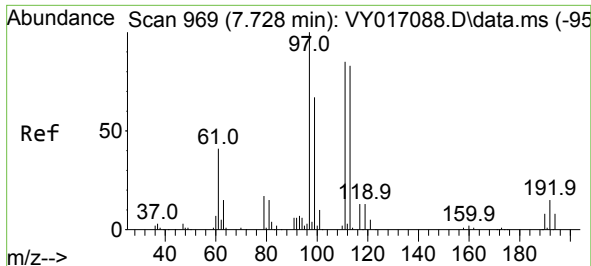
Tgt Ion: 65 Resp: 53534
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VY017162.D
 Acq: 31 Jan 2024 17:13

Tgt Ion: 114 Resp: 171454
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 37.4
 88 15.2 0.0 29.0

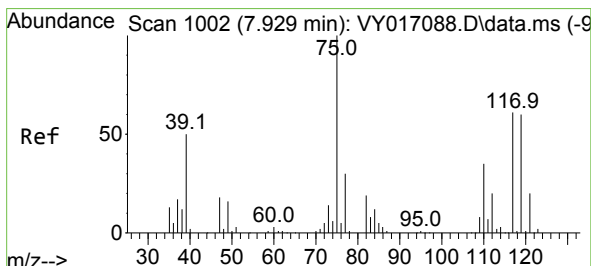
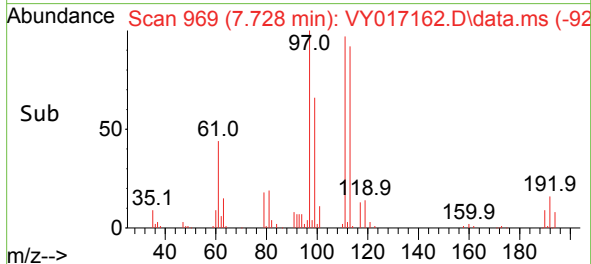
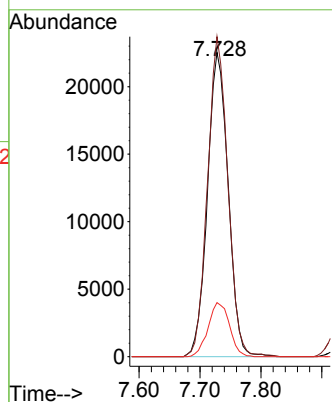
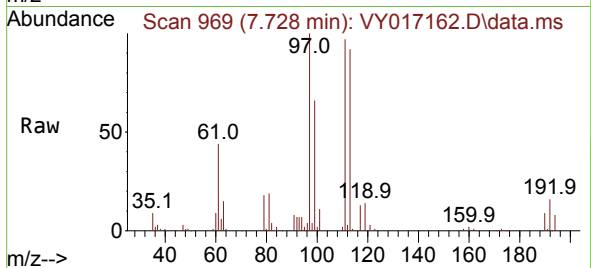




#35
Dibromofluoromethane
Concen: 51.554 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

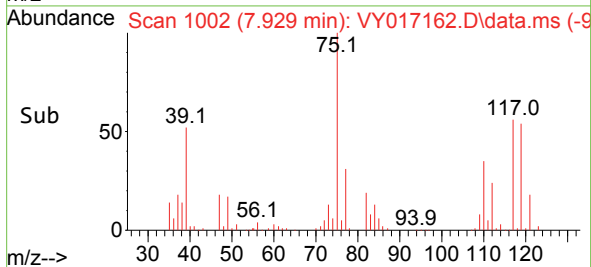
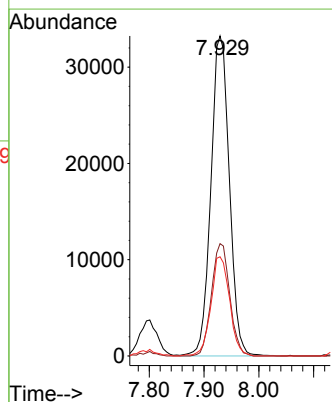
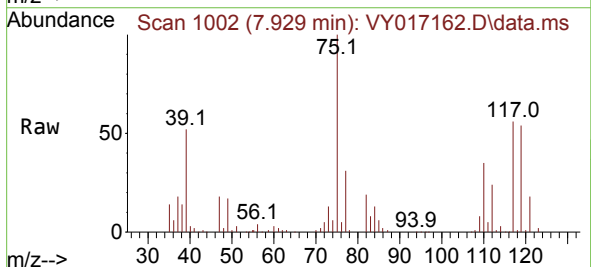
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

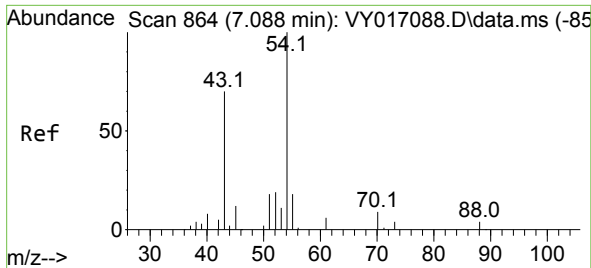
Tgt Ion:113 Resp: 53348
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 18.3 14.5 21.7



#36
1,1-Dichloropropene
Concen: 45.634 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion: 75 Resp: 77696
Ion Ratio Lower Upper
75 100
110 34.7 17.4 52.3
77 31.3 24.7 37.1

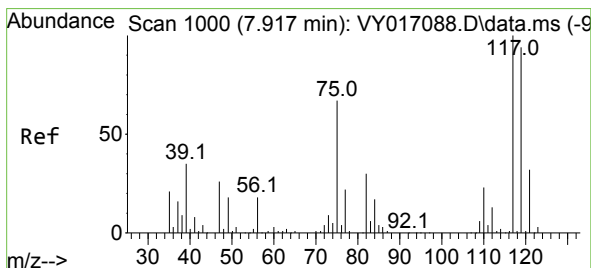
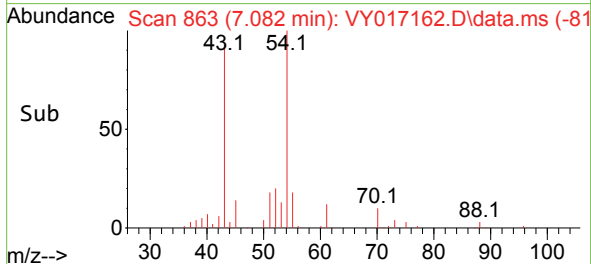
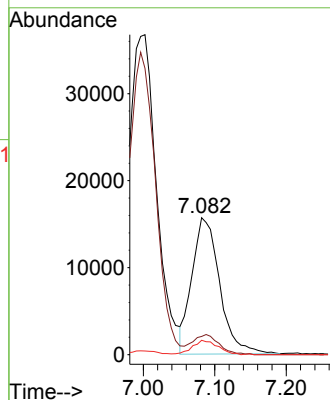
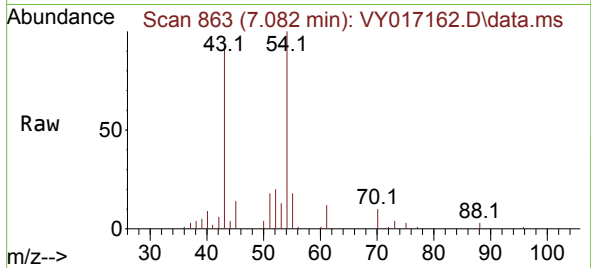




#37
Ethyl Acetate
Concen: 57.846 ug/l
RT: 7.082 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

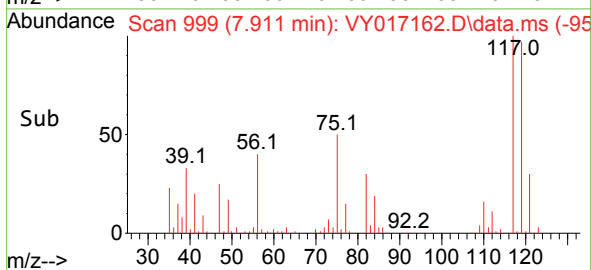
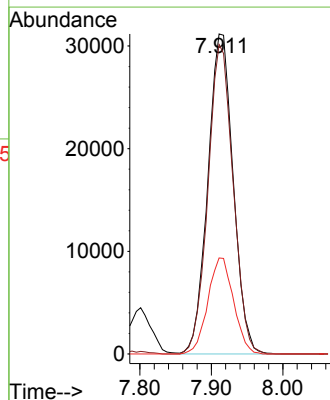
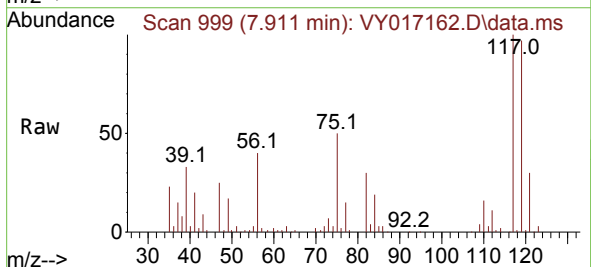
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

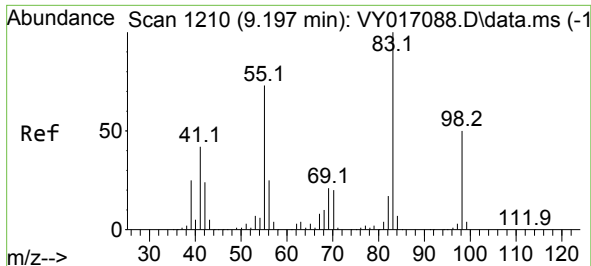
Tgt Ion: 43 Resp: 42348
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.6
70 9.8 8.1 12.1



#38
Carbon Tetrachloride
Concen: 46.115 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion: 117 Resp: 76941
Ion Ratio Lower Upper
117 100
119 96.7 76.0 114.0
121 30.0 24.2 36.2





#39

Methylcyclohexane

Concen: 43.341 ug/l

RT: 9.197 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

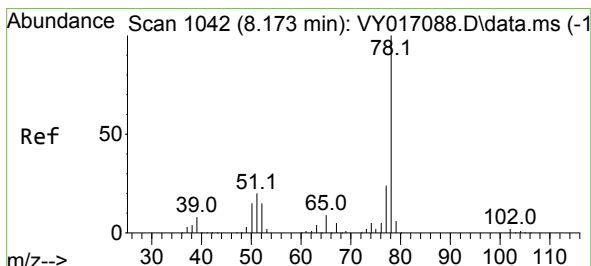
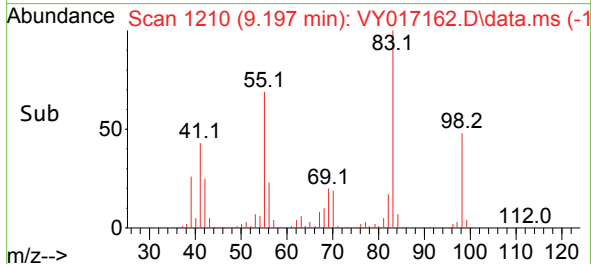
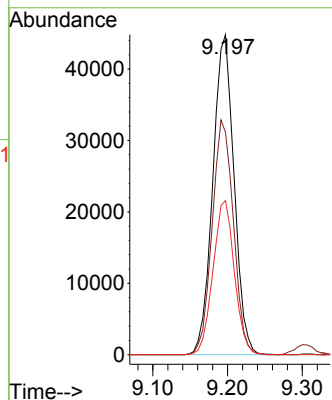
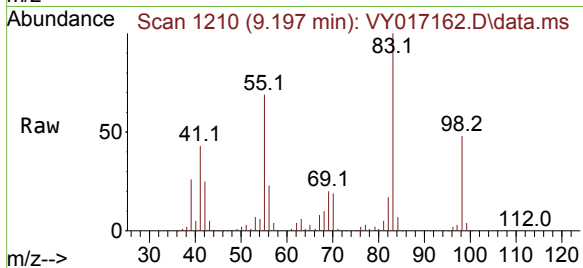
Tgt Ion: 83 Resp: 88754

Ion Ratio Lower Upper

83 100

55 69.5 59.7 89.5

98 48.1 38.0 57.0



#40

Benzene

Concen: 49.095 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY017162.D

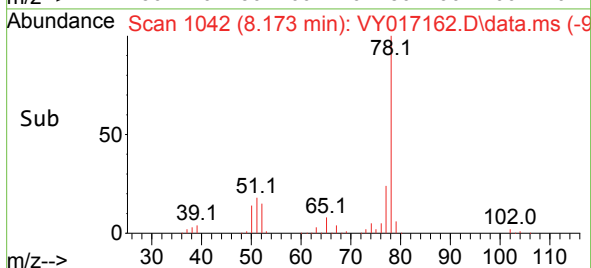
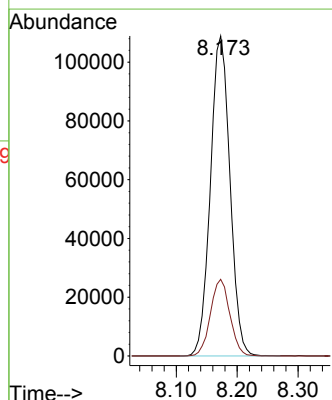
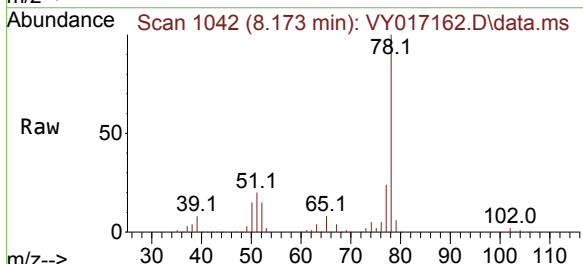
Acq: 31 Jan 2024 17:13

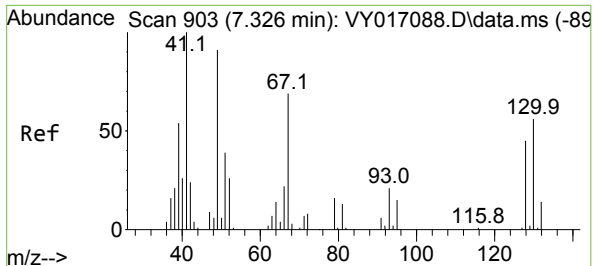
Tgt Ion: 78 Resp: 242748

Ion Ratio Lower Upper

78 100

77 23.9 18.8 28.2



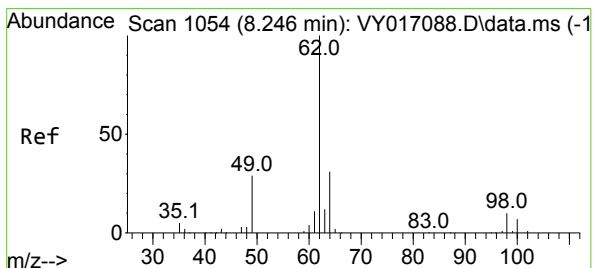
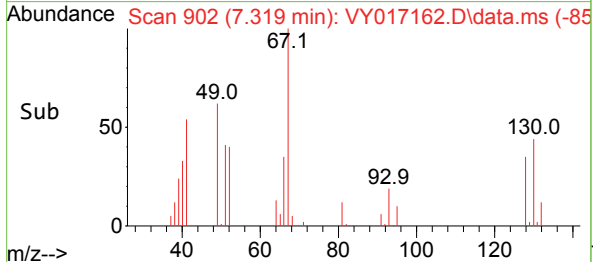
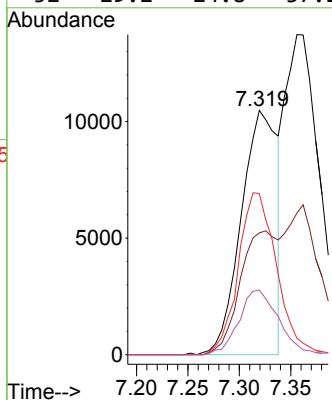
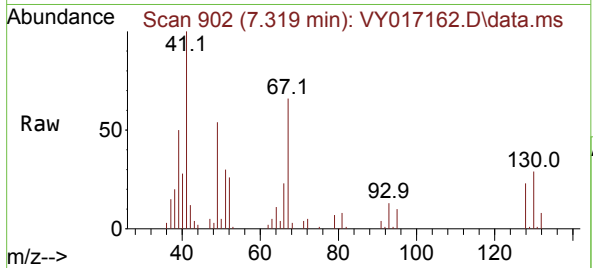


#41
Methacrylonitrile
Concen: 65.542 ug/l
RT: 7.319 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 25662

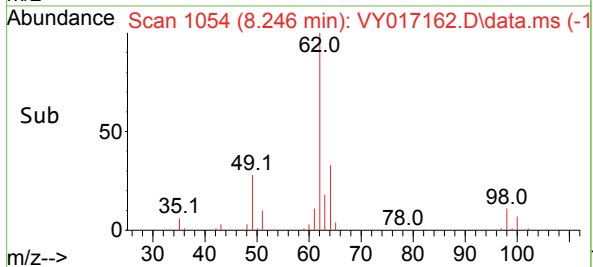
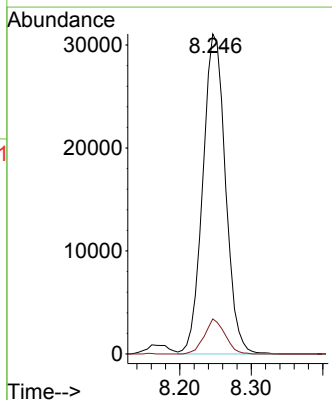
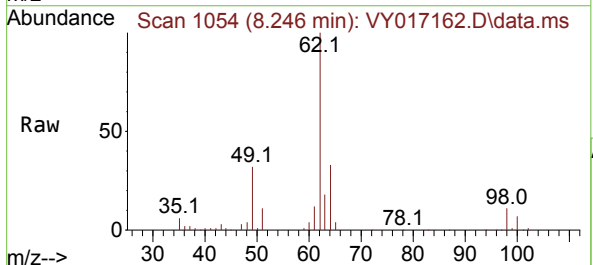
Ion	Ratio	Lower	Upper
41	100		
39	52.9	41.9	62.9
67	70.3	59.8	89.6
52	29.2	24.8	37.2

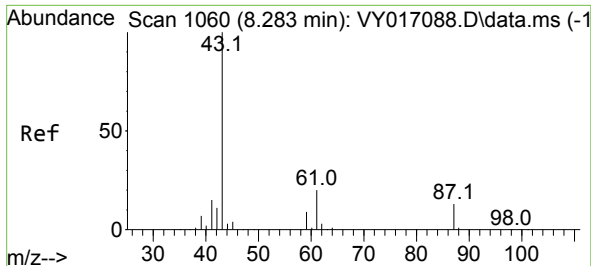


#42
1,2-Dichloroethane
Concen: 53.427 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion: 62 Resp: 68488

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2

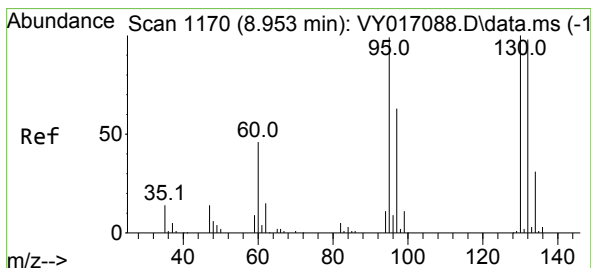
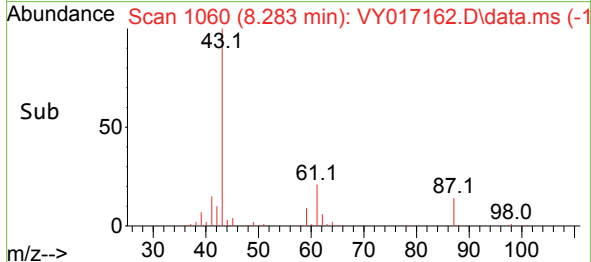
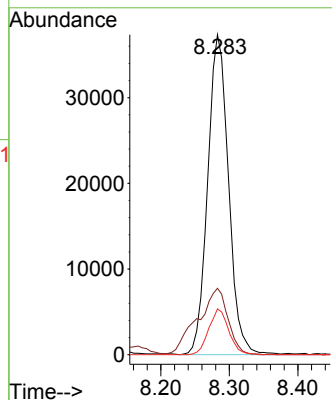
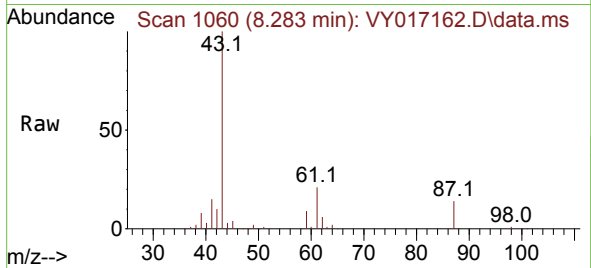




#43
Isopropyl Acetate
Concen: 57.787 ug/l
RT: 8.283 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

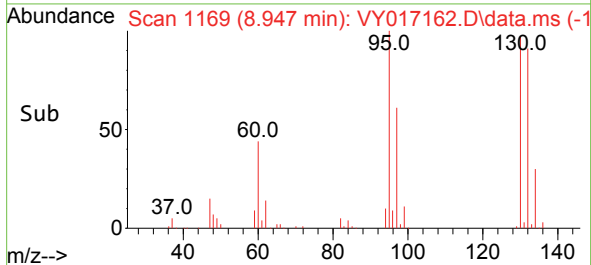
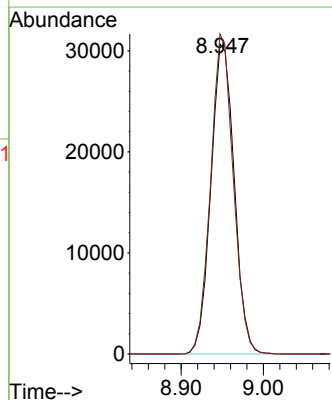
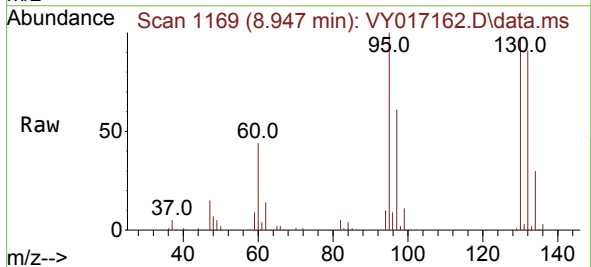
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

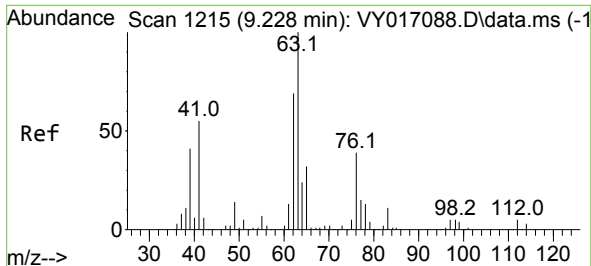
Tgt Ion: 43 Resp: 78977
Ion Ratio Lower Upper
43 100
61 30.3 24.8 37.2
87 13.7 10.7 16.1



#44
Trichloroethene
Concen: 47.598 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion:130 Resp: 60362
Ion Ratio Lower Upper
130 100
95 103.3 0.0 203.8

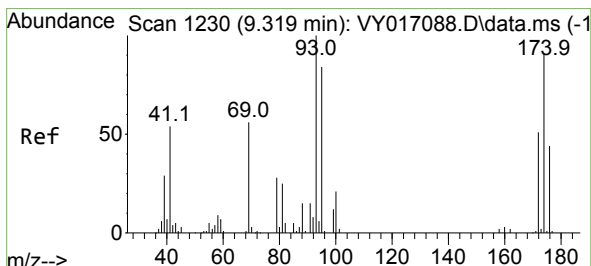
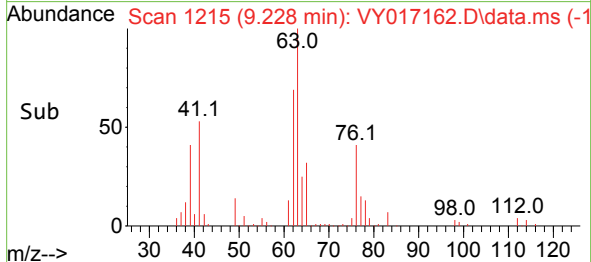
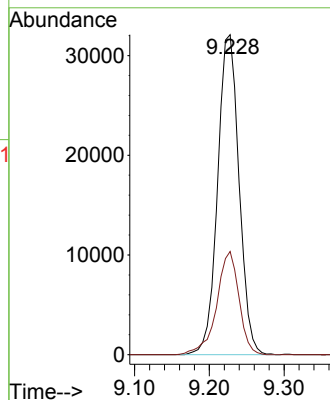
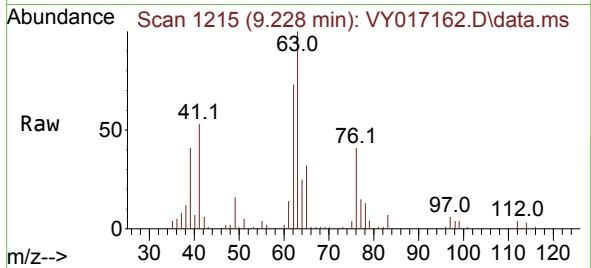




#45
1,2-Dichloropropane
Concen: 52.742 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

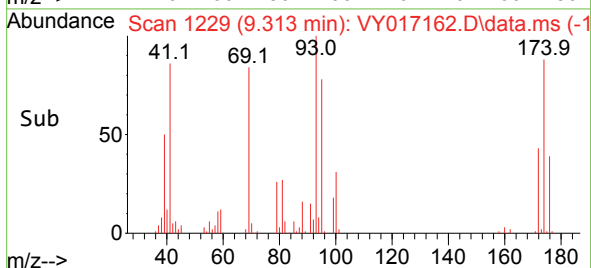
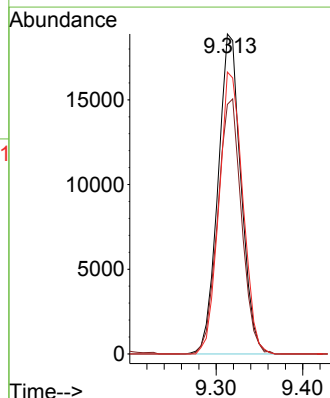
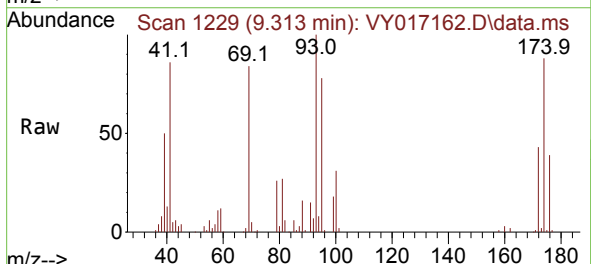
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

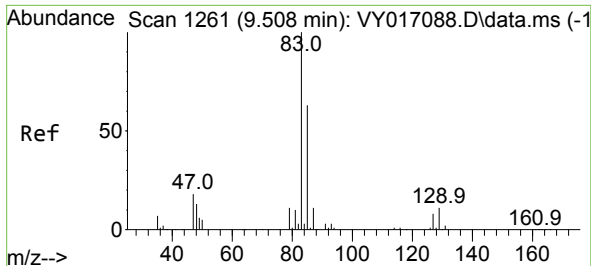
Tgt Ion: 63 Resp: 64008
Ion Ratio Lower Upper
63 100
65 32.3 24.6 36.8



#46
Dibromomethane
Concen: 54.087 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion: 93 Resp: 34860
Ion Ratio Lower Upper
93 100
95 82.4 66.6 99.8
174 90.8 73.8 110.6

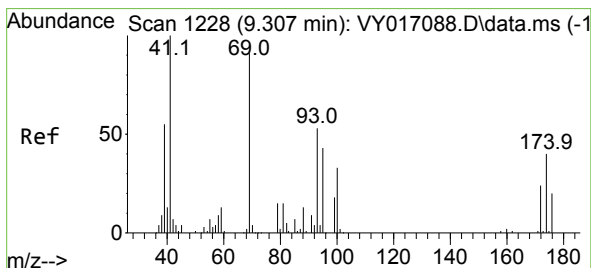
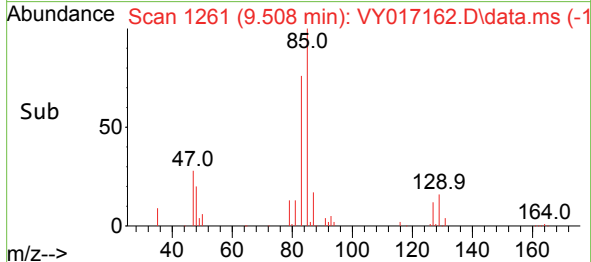
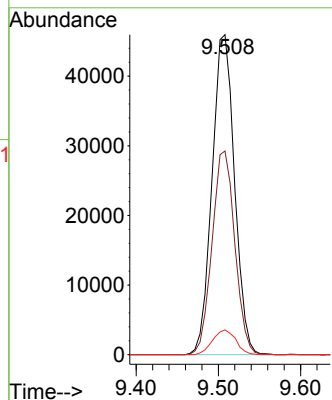
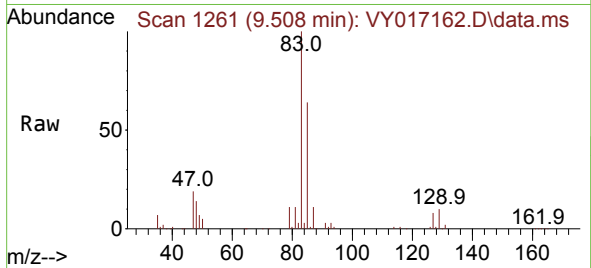




#47
Bromodichloromethane
Concen: 53.212 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

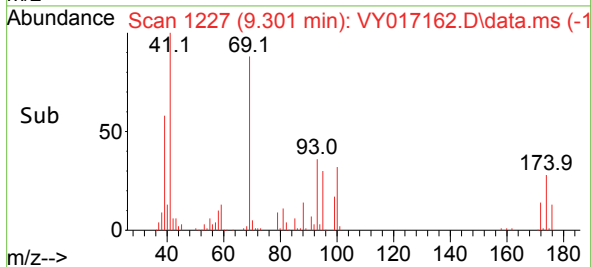
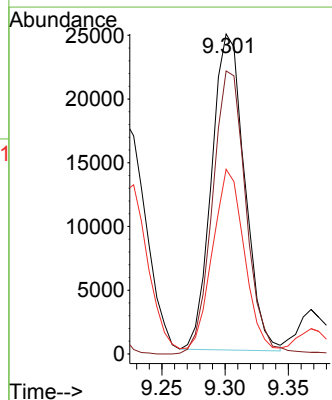
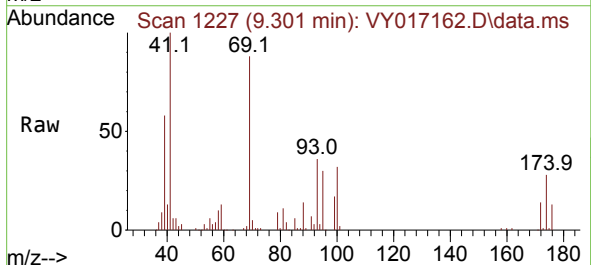
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

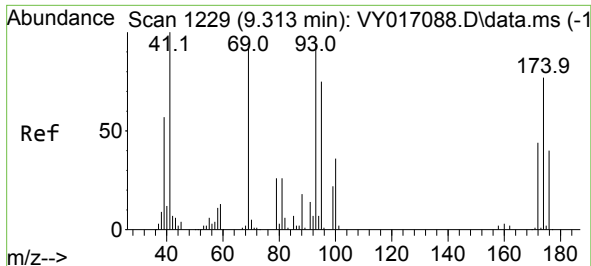
Tgt Ion: 83 Resp: 87252
Ion Ratio Lower Upper
83 100
85 63.7 53.2 79.8
127 7.8 6.4 9.6



#48
Methyl methacrylate
Concen: 59.305 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion: 41 Resp: 45002
Ion Ratio Lower Upper
41 100
69 90.9 72.1 108.1
39 57.8 42.8 64.2





#49

1,4-Dioxane

Concen: 1315.046 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.012 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

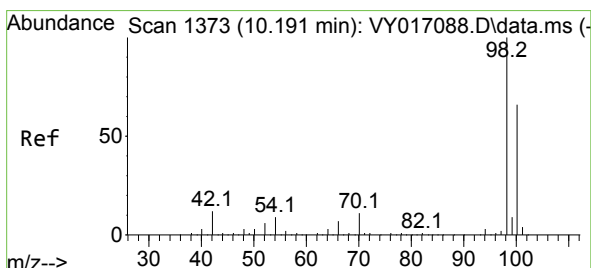
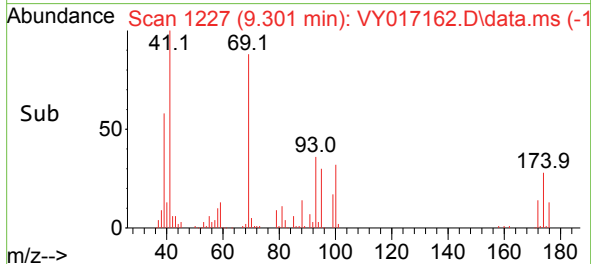
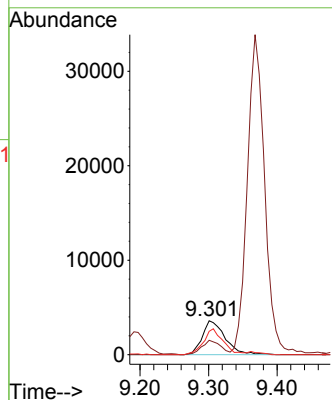
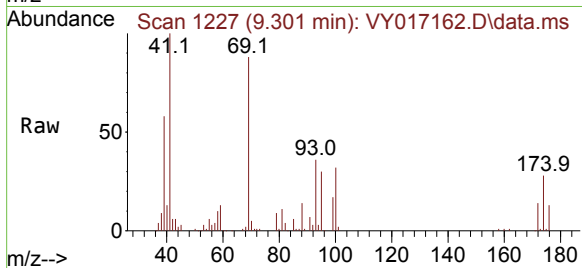
Tgt Ion: 88 Resp: 8336

Ion Ratio Lower Upper

88 100

43 35.3 28.2 42.4

58 65.3 52.2 78.2



#50

Toluene-d8

Concen: 51.399 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY017162.D

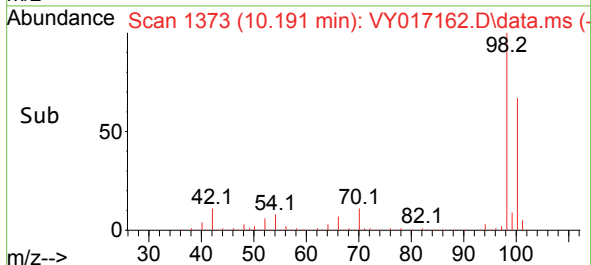
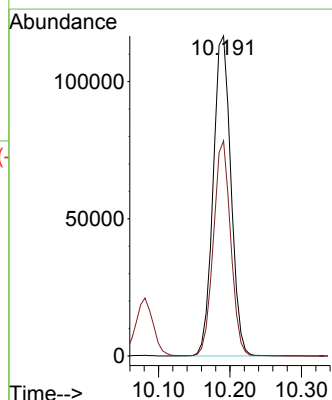
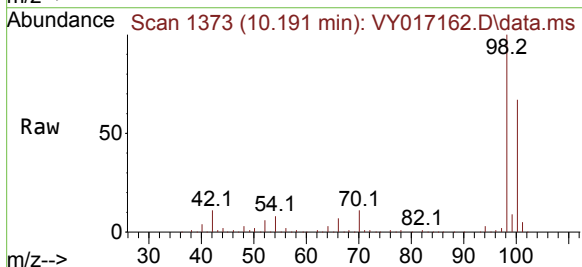
Acq: 31 Jan 2024 17:13

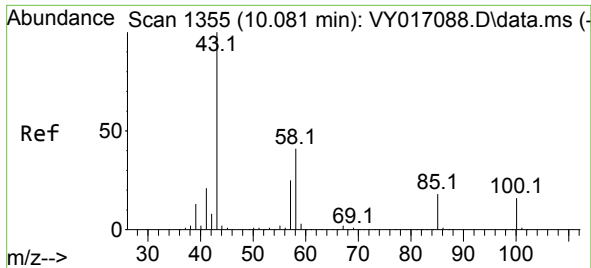
Tgt Ion: 98 Resp: 200892

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5

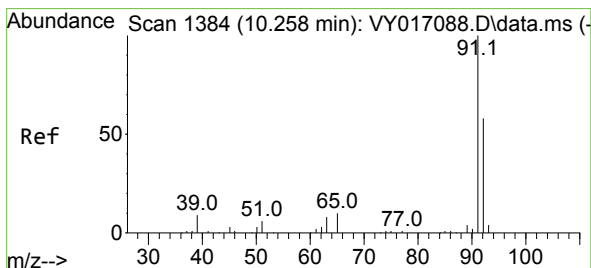
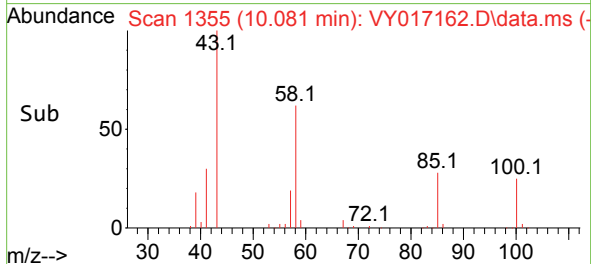
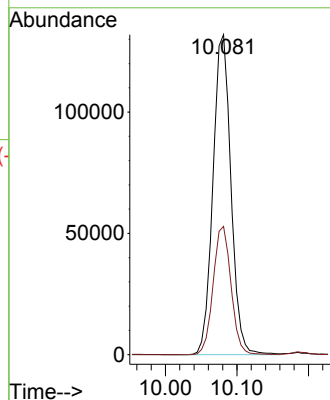
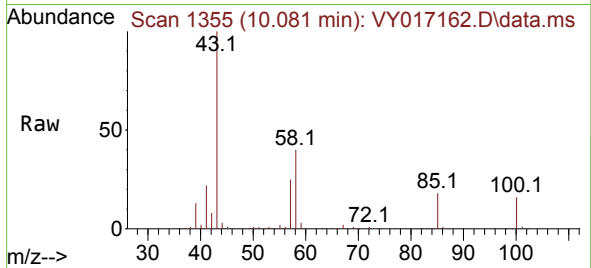




#51
4-Methyl-2-Pentanone
Concen: 317.319 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

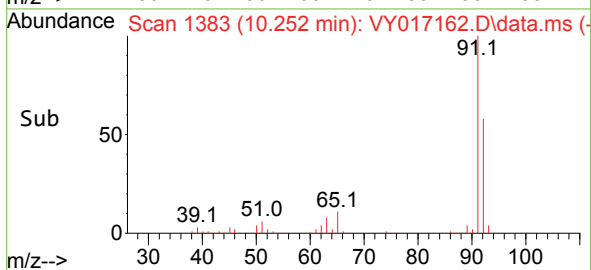
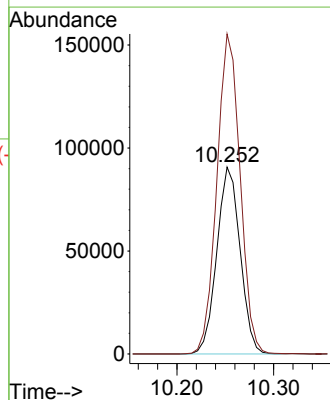
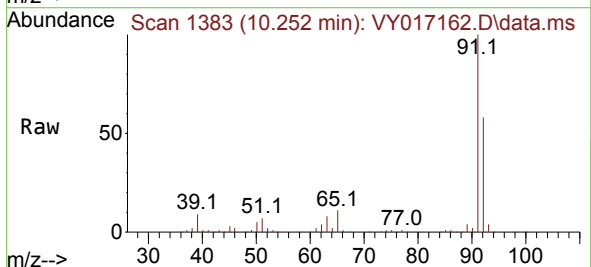
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

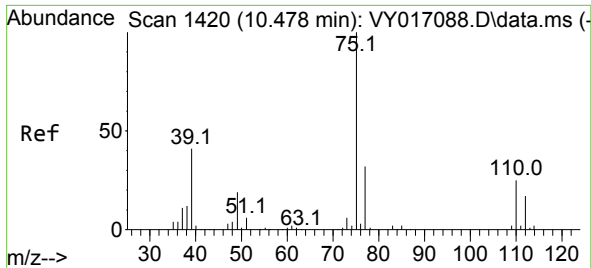
Tgt Ion: 43 Resp: 230693
Ion Ratio Lower Upper
43 100
58 39.9 32.2 48.2



#52
Toluene
Concen: 50.726 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion: 92 Resp: 151810
Ion Ratio Lower Upper
92 100
91 170.9 137.6 206.4

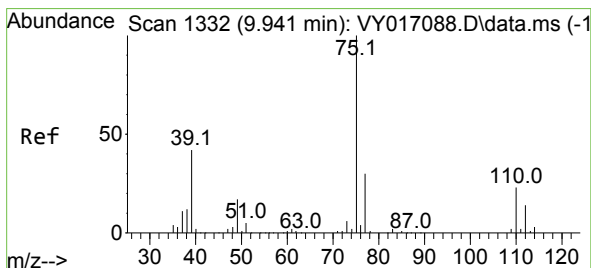
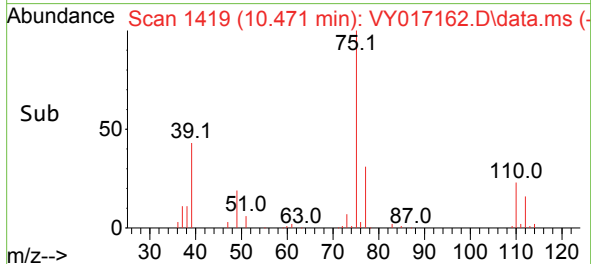
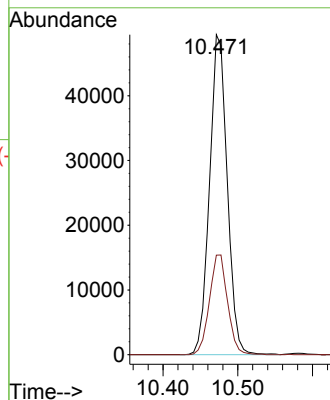
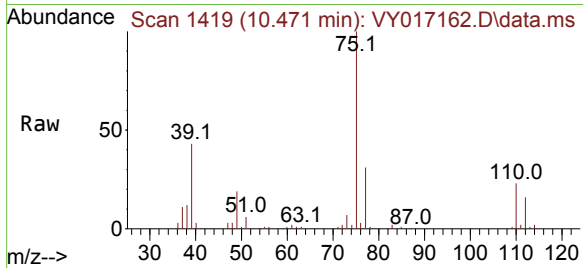




#53
t-1,3-Dichloropropene
Concen: 54.216 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

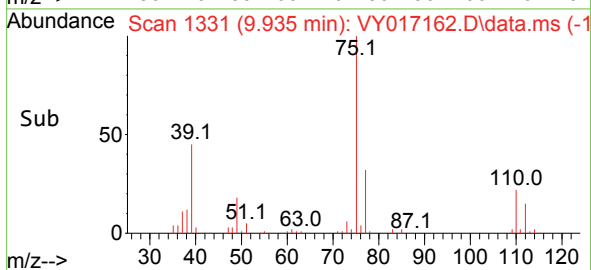
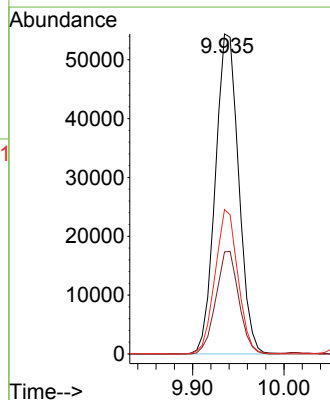
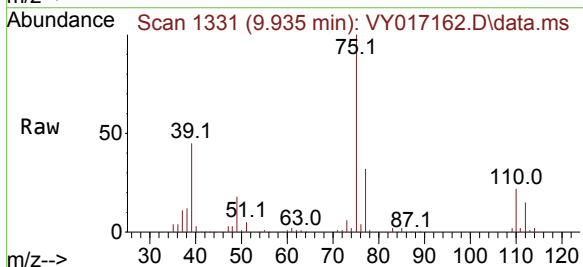
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

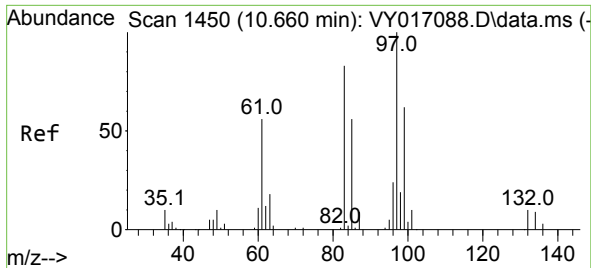
Tgt Ion: 75 Resp: 81210
Ion Ratio Lower Upper
75 100
77 31.1 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 52.404 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.006 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion: 75 Resp: 96542
Ion Ratio Lower Upper
75 100
77 31.9 24.6 36.8
39 45.1 33.6 50.4

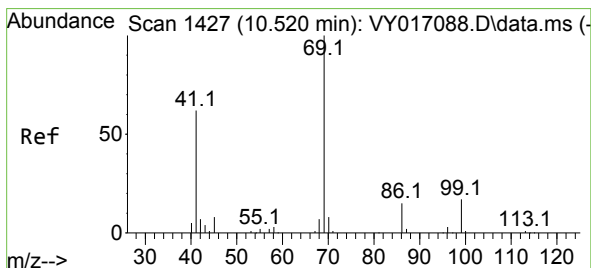
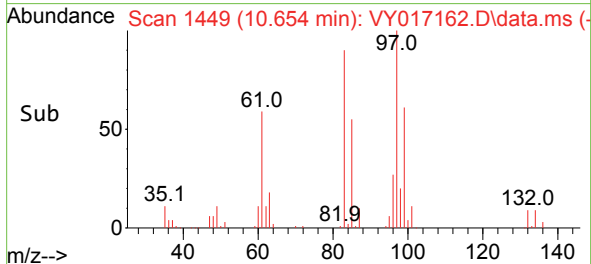
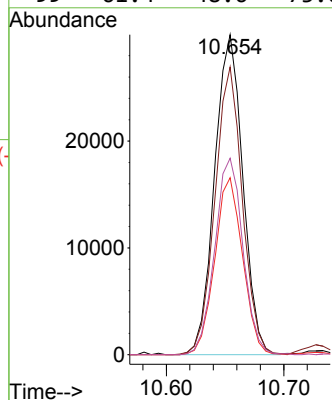
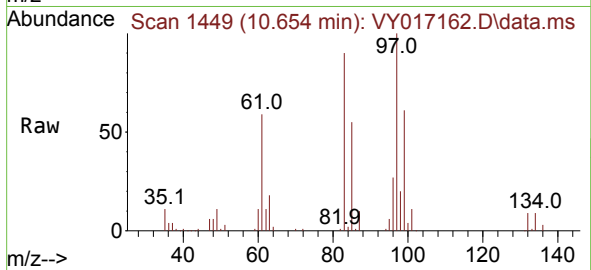




#55
1,1,2-Trichloroethane
Concen: 55.498 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

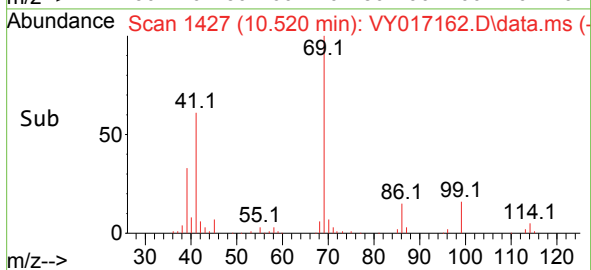
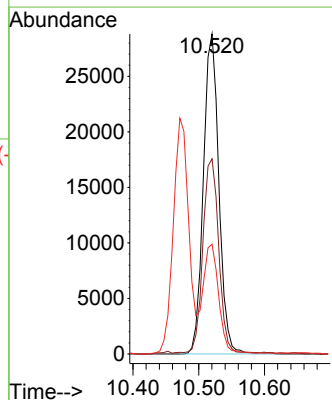
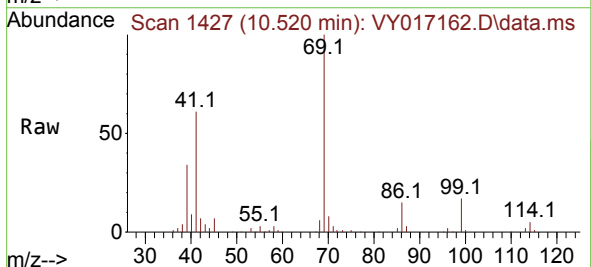
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

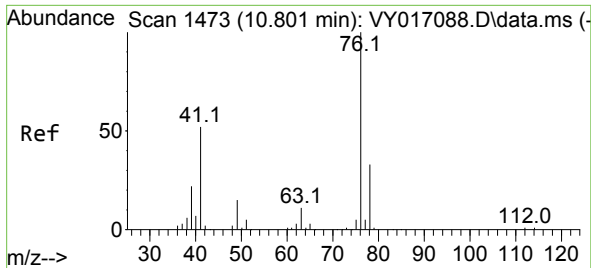
Tgt Ion: 97	Resp: 49993
Ion Ratio	Lower Upper
97 100	
83 89.7	69.4 104.2
85 55.3	43.9 65.9
99 61.4	48.6 73.0



#56
Ethyl methacrylate
Concen: 59.926 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion: 69	Resp: 47206
Ion Ratio	Lower Upper
69 100	
41 61.7	49.2 73.8
39 34.8	26.8 40.2





#57

1,3-Dichloropropane

Concen: 55.474 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.001 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

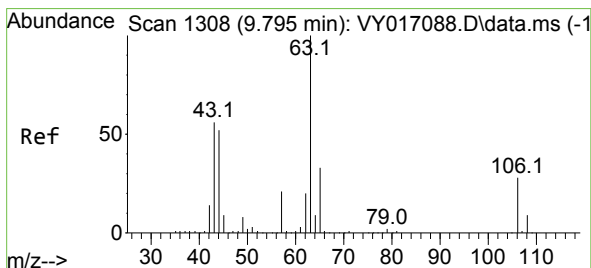
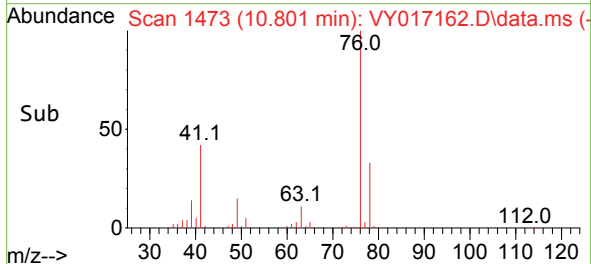
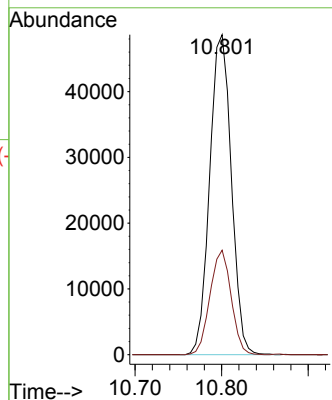
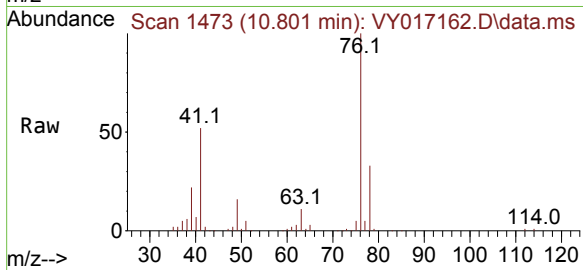
VSTDCCC050EC

Tgt Ion: 76 Resp: 84486

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 328.916 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.007 min

Lab File: VY017162.D

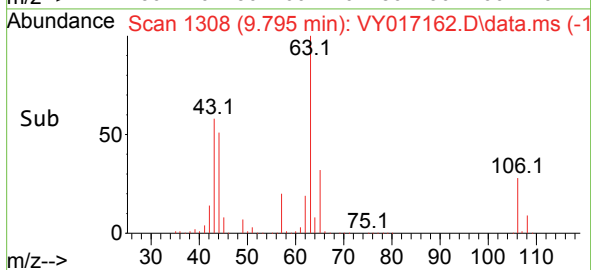
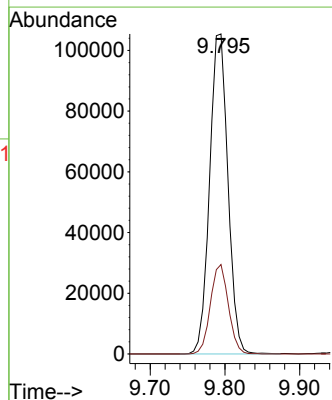
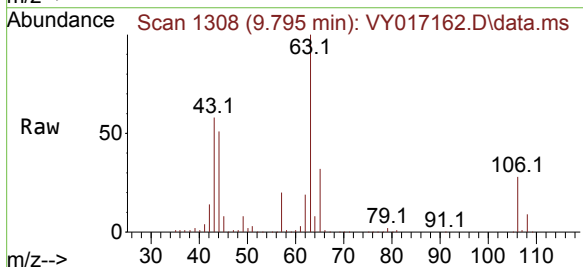
Acq: 31 Jan 2024 17:13

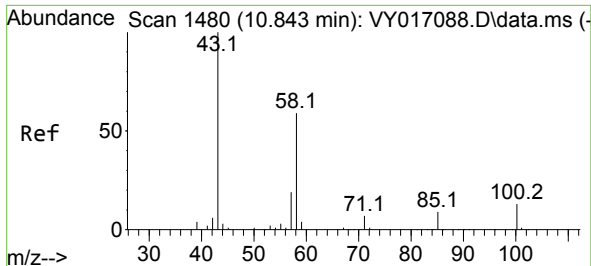
Tgt Ion: 63 Resp: 179853

Ion Ratio Lower Upper

63 100

106 27.4 22.4 33.6

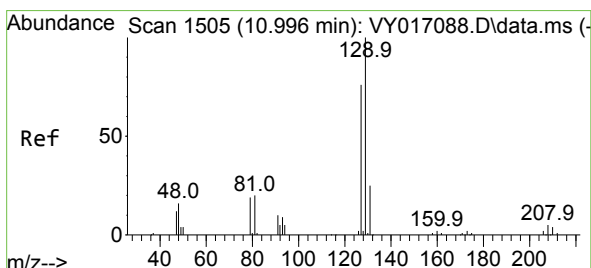
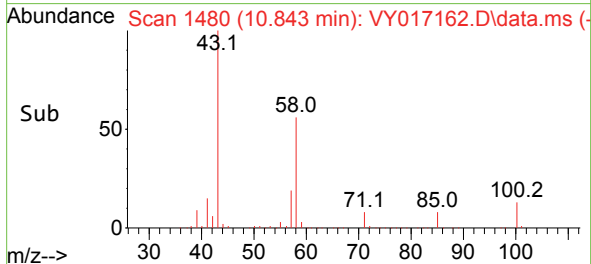
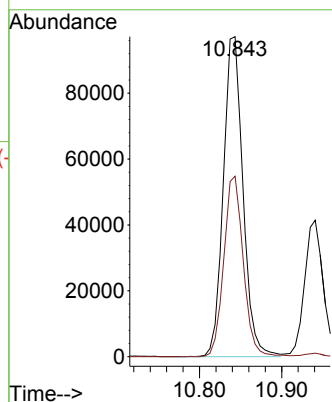
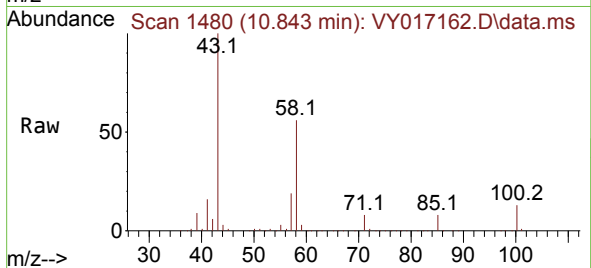




#59
2-Hexanone
Concen: 290.756 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

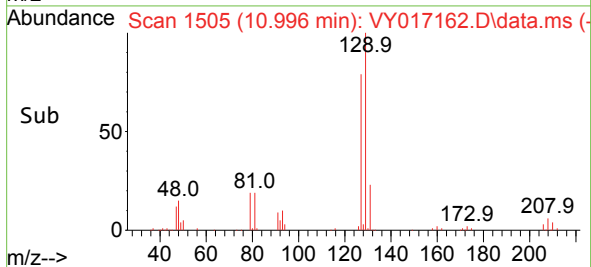
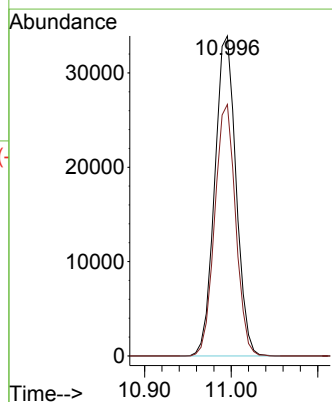
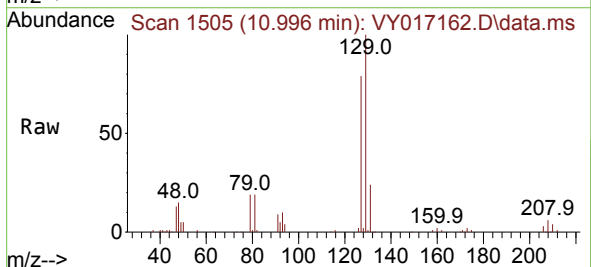
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

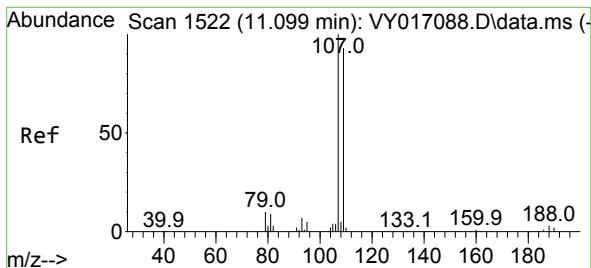
Tgt Ion: 43 Resp: 161265
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.3



#60
Dibromochloromethane
Concen: 55.367 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion: 129 Resp: 57945
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6

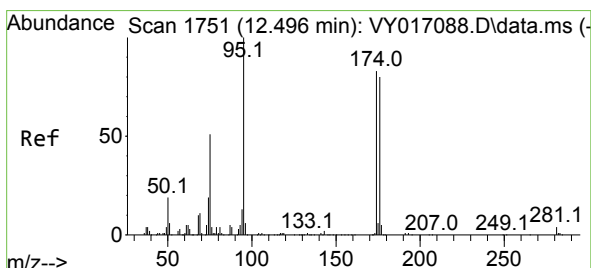
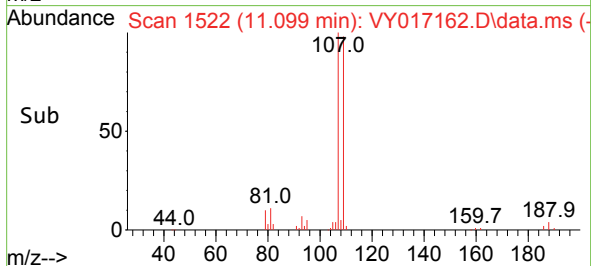
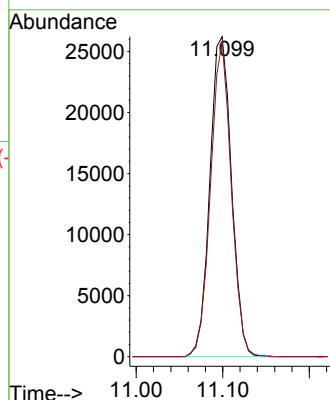
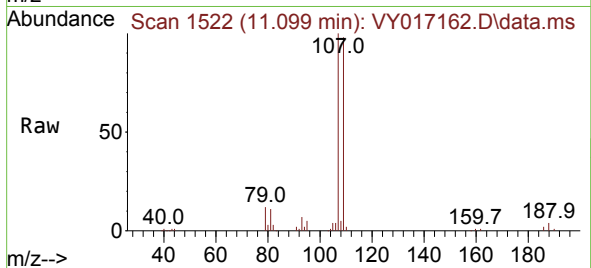




#61
1,2-Dibromoethane
Concen: 55.438 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

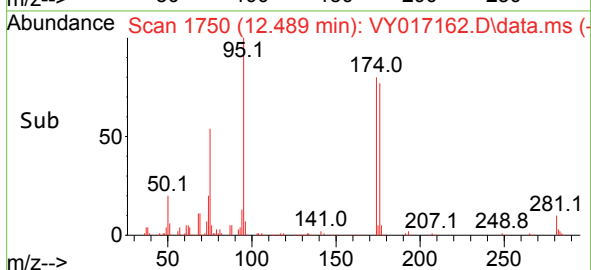
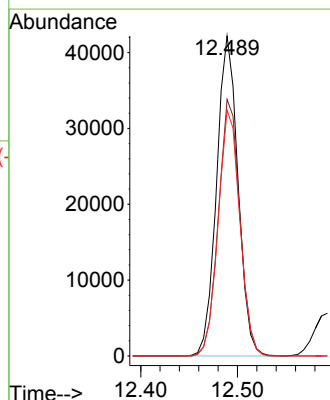
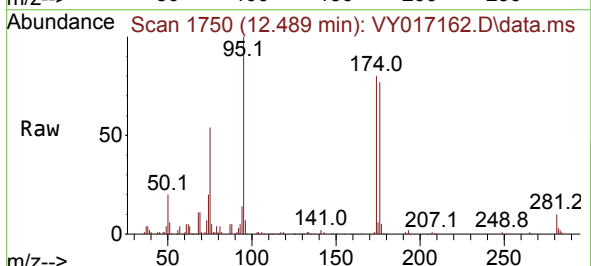
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

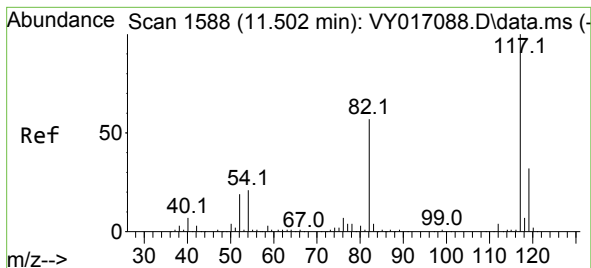
Tgt Ion:107 Resp: 45366
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 53.735 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion: 95 Resp: 64698
Ion Ratio Lower Upper
95 100
174 80.6 0.0 160.0
176 77.7 0.0 151.8

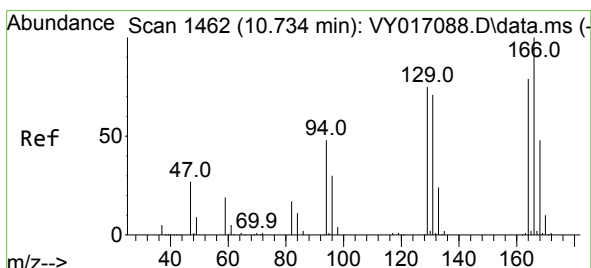
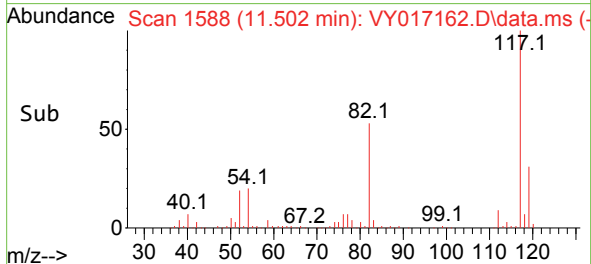
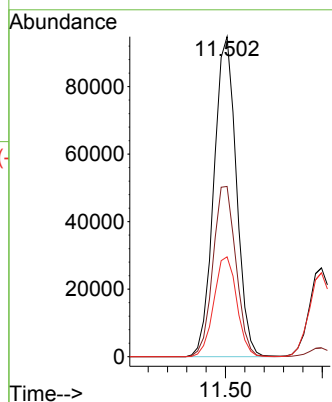
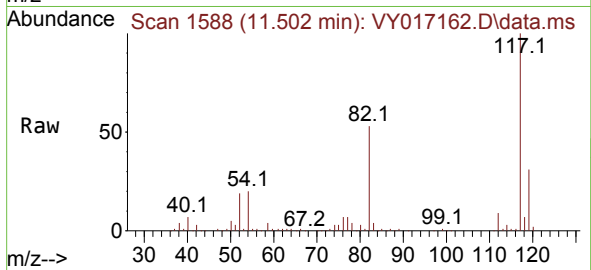




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

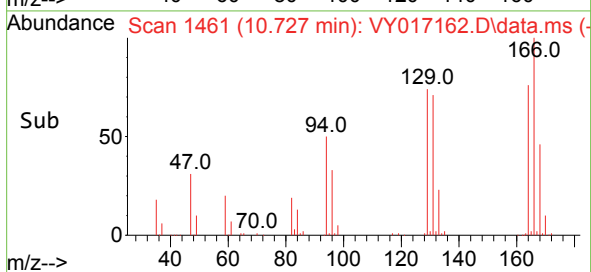
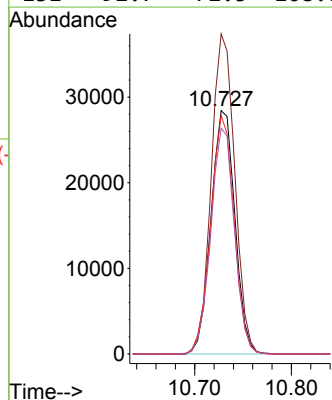
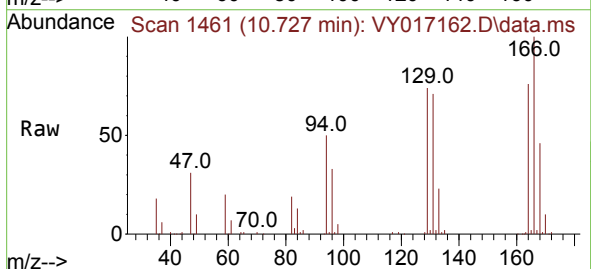
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

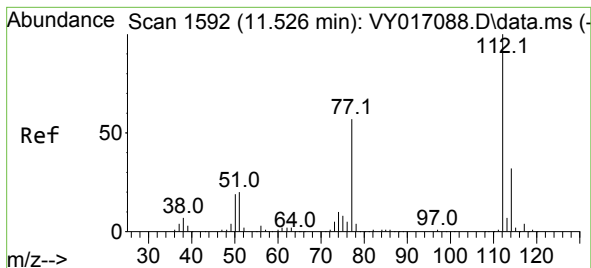
Tgt Ion:117 Resp: 152818
Ion Ratio Lower Upper
117 100
82 53.2 43.8 65.8
119 31.2 26.5 39.7



#64
Tetrachloroethene
Concen: 45.892 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion:164 Resp: 48883
Ion Ratio Lower Upper
164 100
166 131.5 98.8 148.2
129 97.9 78.9 118.3
131 92.7 72.5 108.7





#65

Chlorobenzene

Concen: 49.865 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

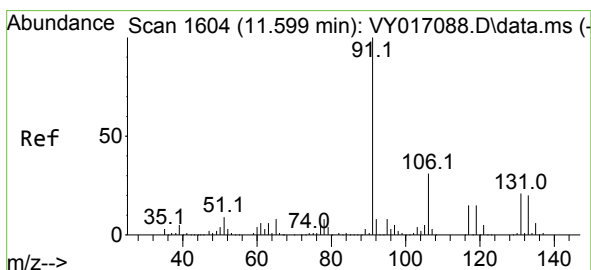
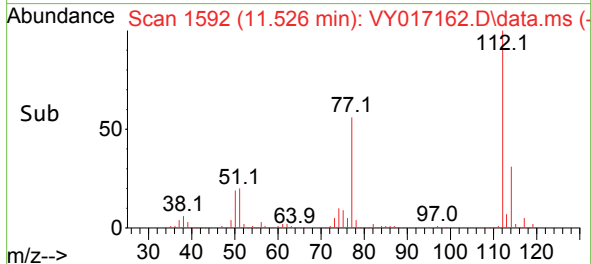
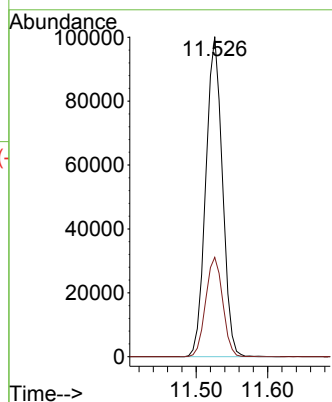
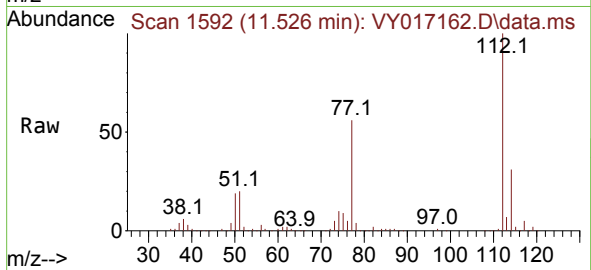
VSTDCCC050EC

Tgt Ion:112 Resp: 161482

Ion Ratio Lower Upper

112 100

114 31.1 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 50.932 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

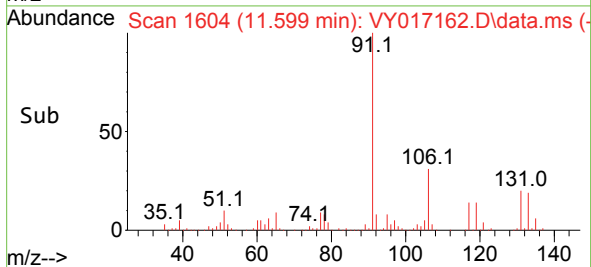
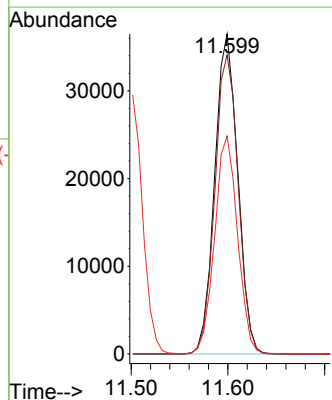
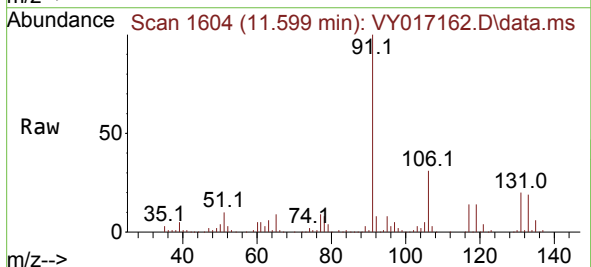
Tgt Ion:131 Resp: 60247

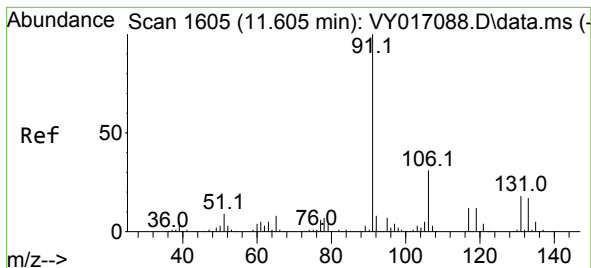
Ion Ratio Lower Upper

131 100

133 94.8 47.0 141.0

119 67.9 33.3 99.9





#67

Ethyl Benzene

Concen: 49.548 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

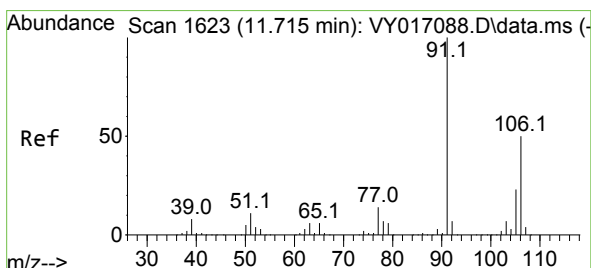
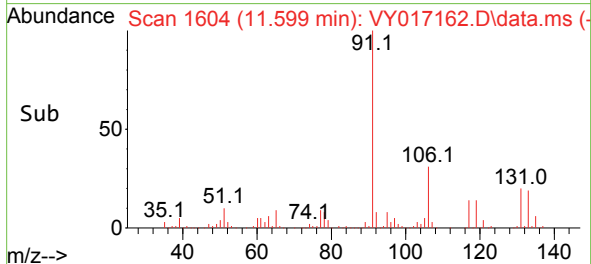
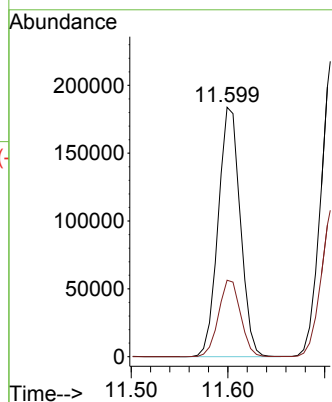
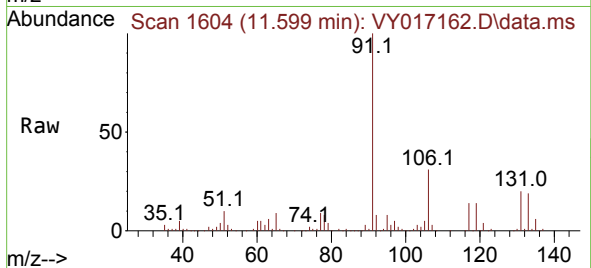
VSTDCCC050EC

Tgt Ion: 91 Resp: 291696

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.4



#68

m/p-Xylenes

Concen: 98.426 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY017162.D

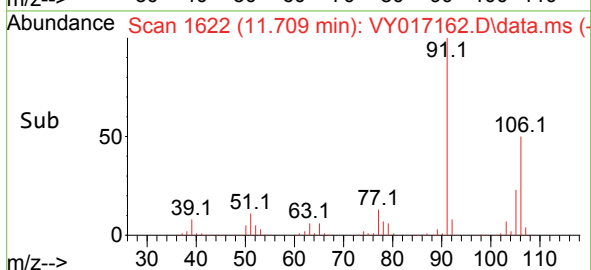
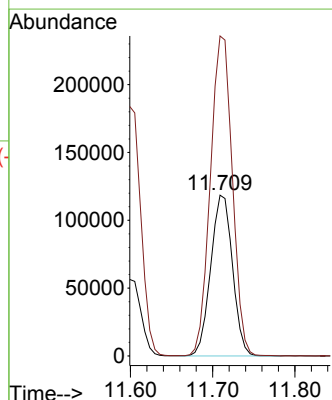
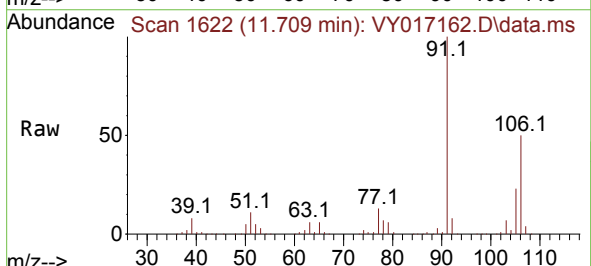
Acq: 31 Jan 2024 17:13

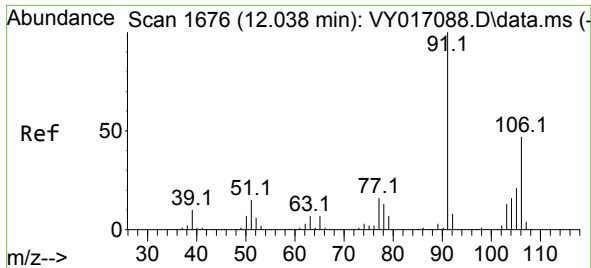
Tgt Ion:106 Resp: 217709

Ion Ratio Lower Upper

106 100

91 201.6 160.7 241.1

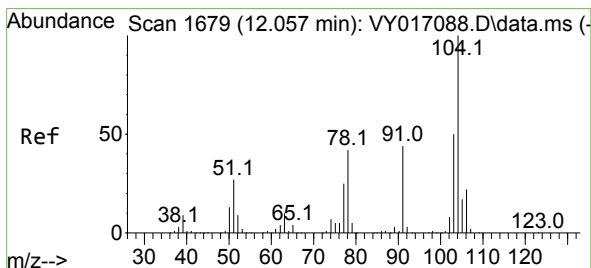
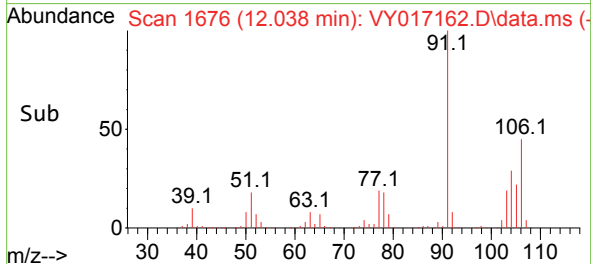
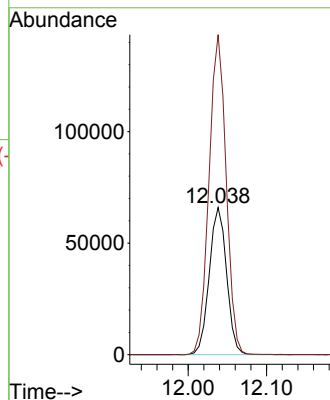
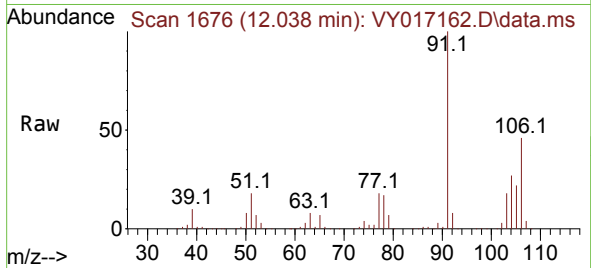




#69
o-Xylene
Concen: 50.383 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

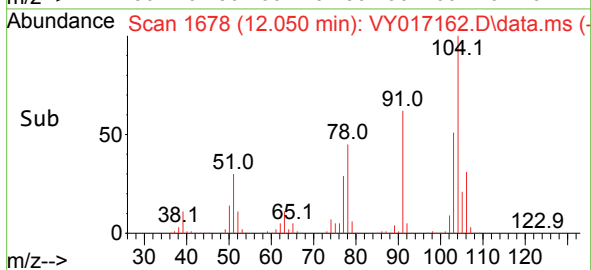
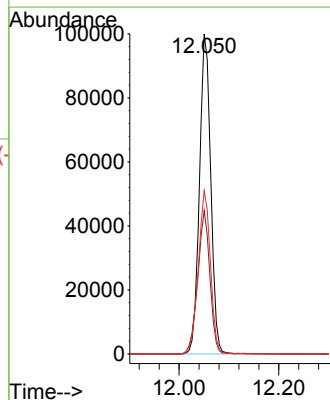
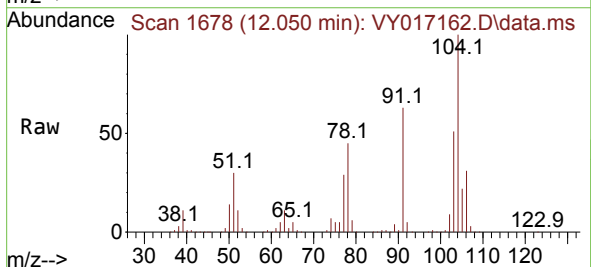
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

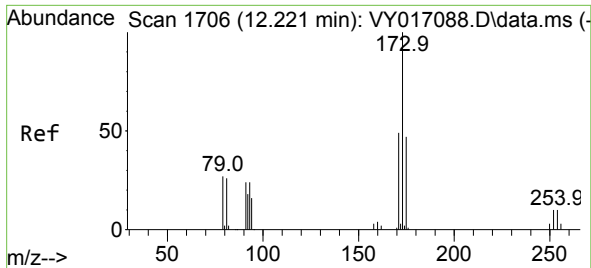
Tgt Ion:106 Resp: 101231
Ion Ratio Lower Upper
106 100
91 215.4 106.5 319.5



#70
Styrene
Concen: 53.898 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion:104 Resp: 157213
Ion Ratio Lower Upper
104 100
78 48.0 39.2 58.8
103 55.0 43.8 65.6

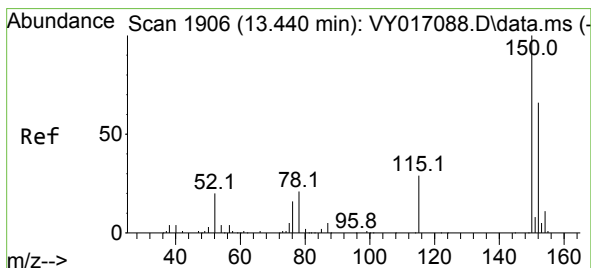
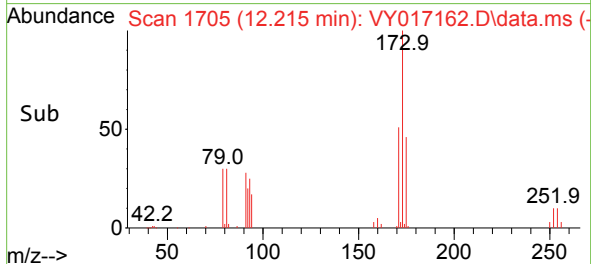
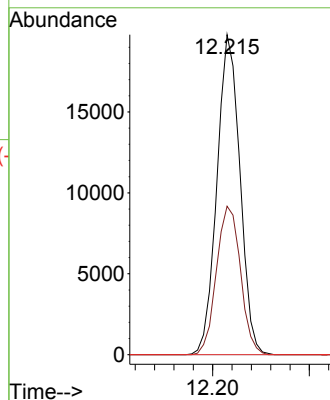
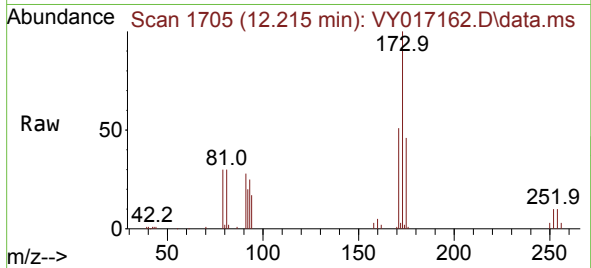




#71
Bromoform
Concen: 54.941 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

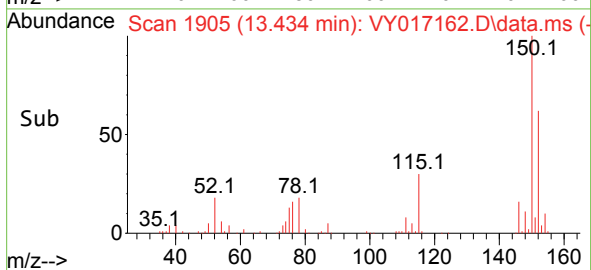
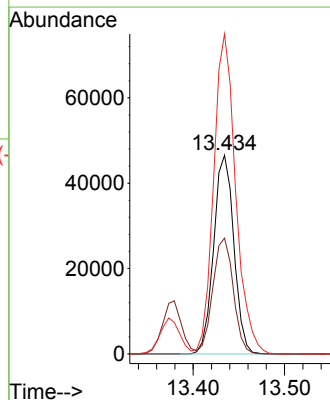
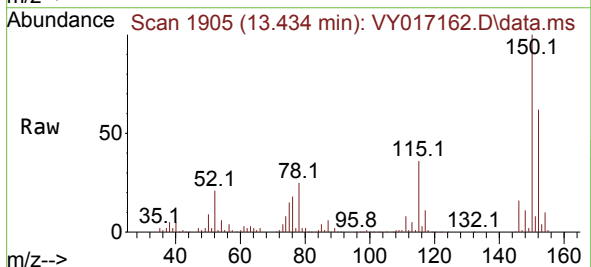
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

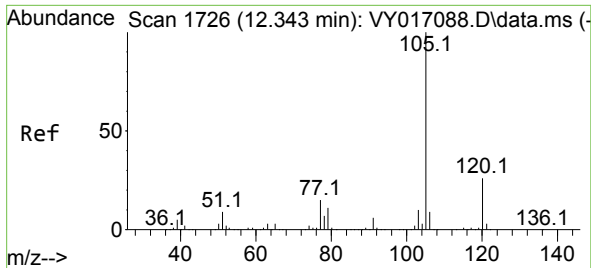
Tgt Ion:173 Resp: 32588
Ion Ratio Lower Upper
173 100
175 48.5 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion:152 Resp: 71331
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.0
150 175.8 0.0 344.6

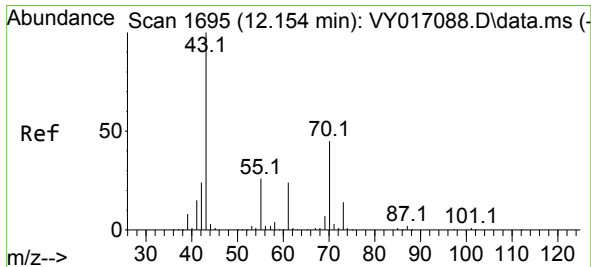
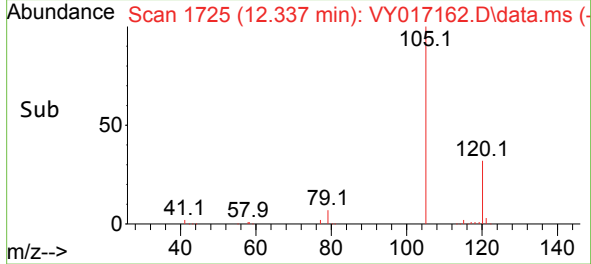
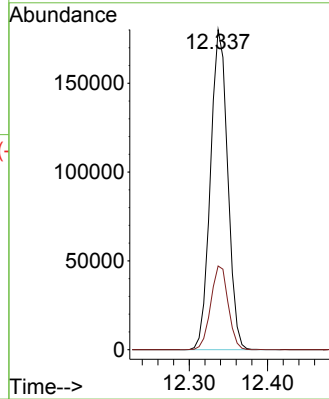
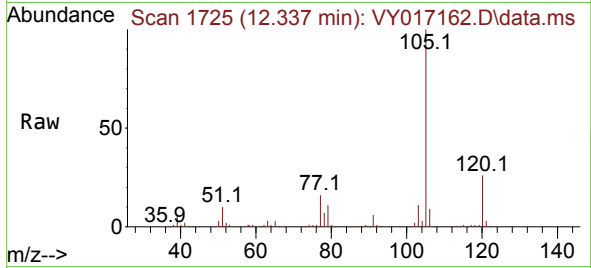




#73
Isopropylbenzene
Concen: 46.922 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

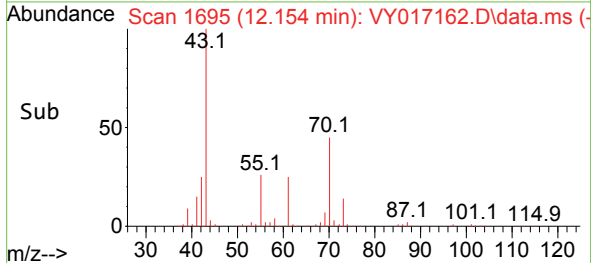
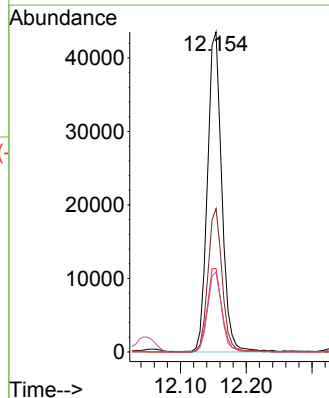
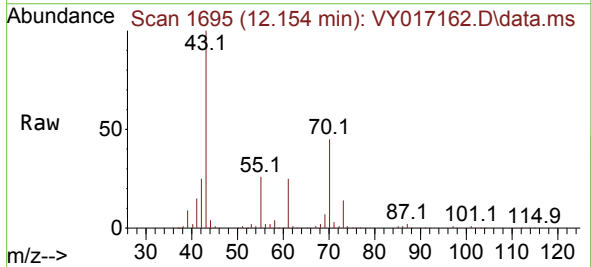
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

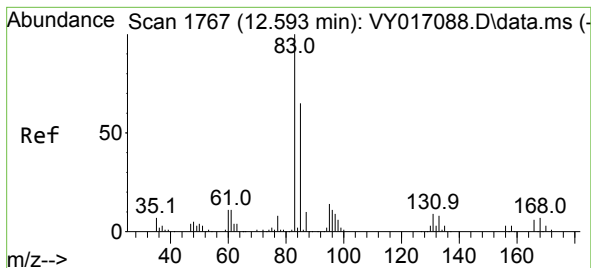
Tgt Ion:105 Resp: 275151
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0



#74
N-ethyl acetate
Concen: 56.052 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion: 43 Resp: 66252
Ion Ratio Lower Upper
43 100
70 44.4 36.6 55.0
55 27.2 22.2 33.4
61 24.6 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.586 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

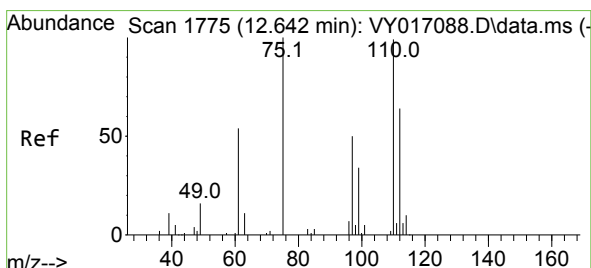
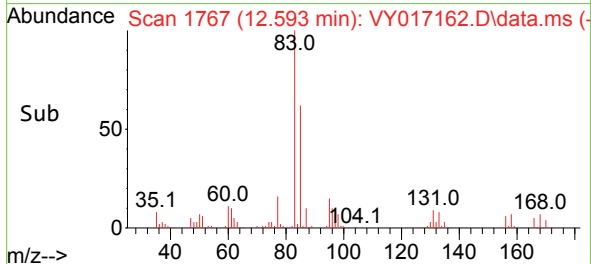
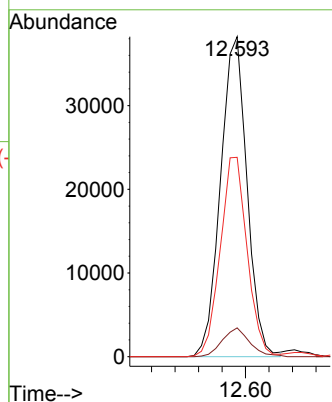
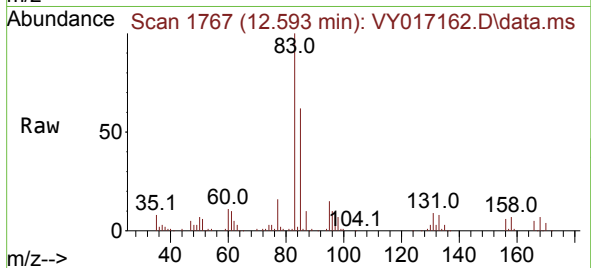
Tgt Ion: 83 Resp: 59919

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.6

85 63.3 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 83.018 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY017162.D

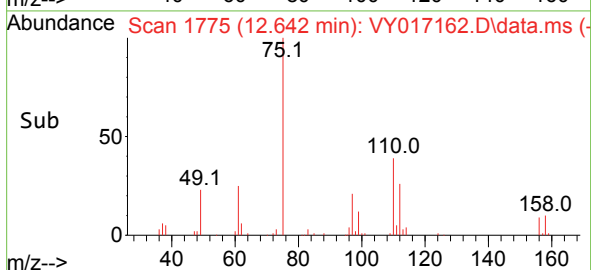
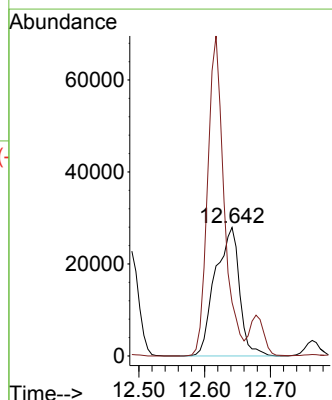
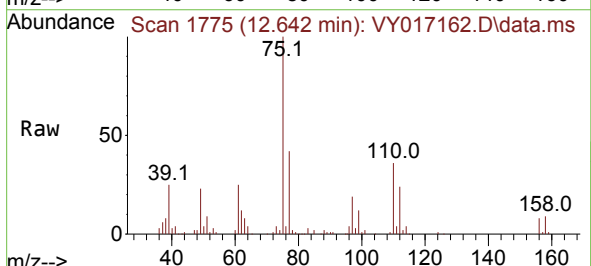
Acq: 31 Jan 2024 17:13

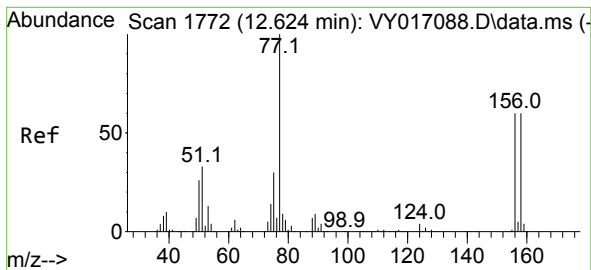
Tgt Ion: 75 Resp: 71878

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.152 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

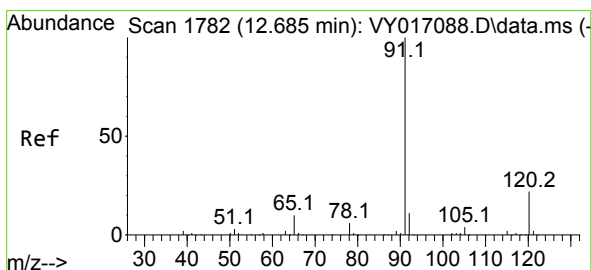
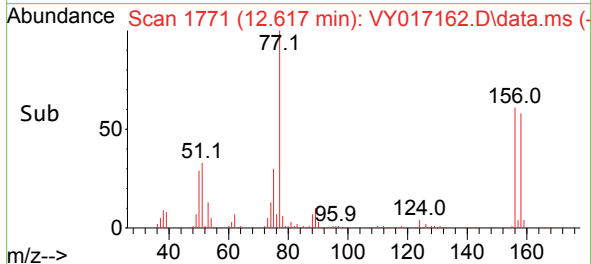
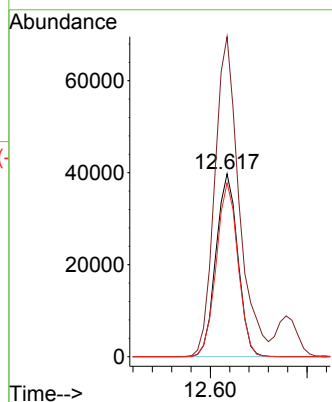
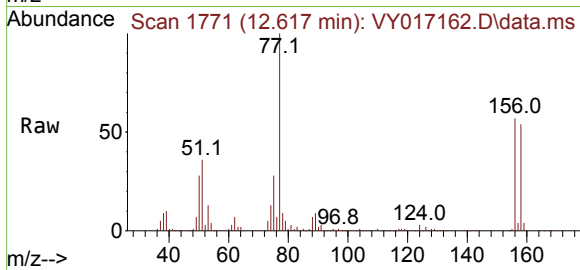
Tgt Ion:156 Resp: 62367

Ion Ratio Lower Upper

156 100

77 195.4 97.3 291.8

158 94.2 48.4 145.0



#78

n-propylbenzene

Concen: 47.961 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017162.D

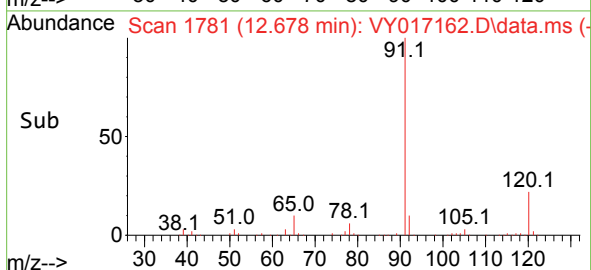
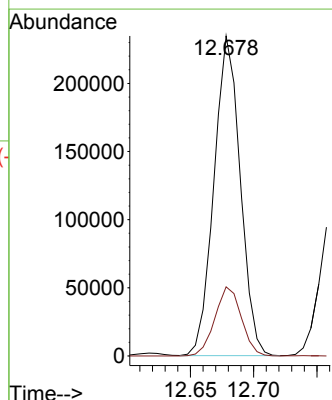
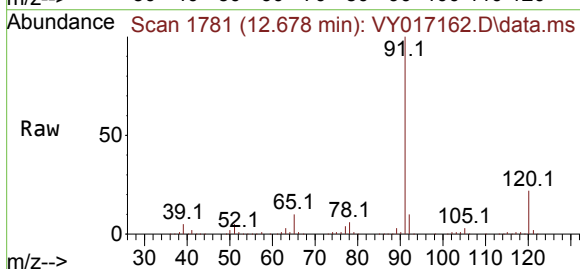
Acq: 31 Jan 2024 17:13

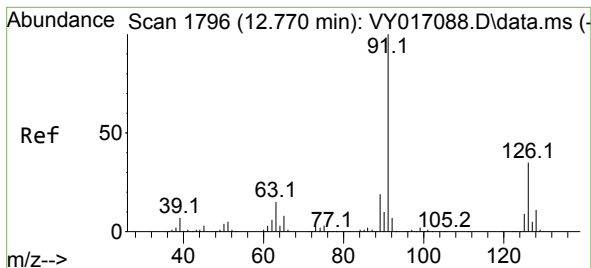
Tgt Ion: 91 Resp: 338268

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0





#79

2-Chlorotoluene

Concen: 48.083 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.001 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

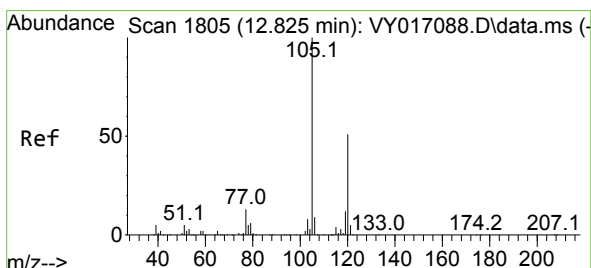
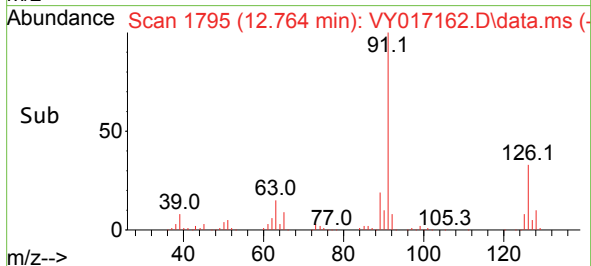
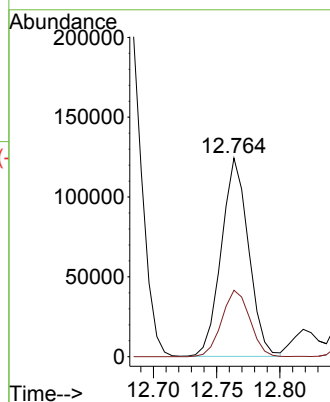
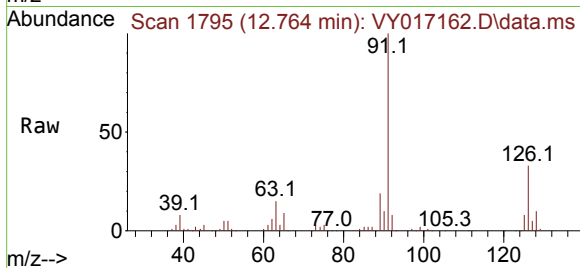
VSTDCCC050EC

Tgt Ion: 91 Resp: 186099

Ion Ratio Lower Upper

91 100

126 34.5 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 48.724 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017162.D

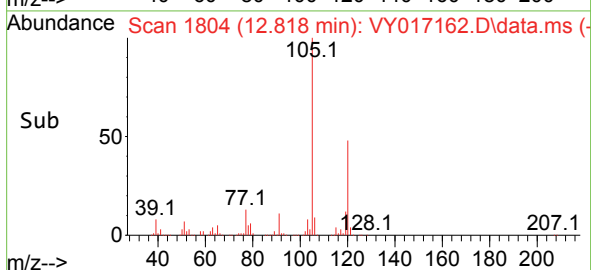
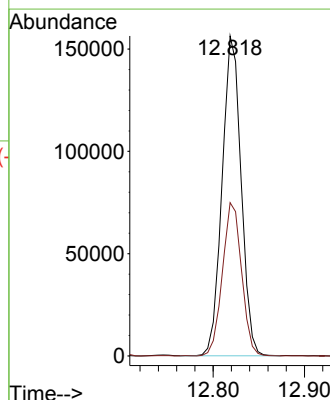
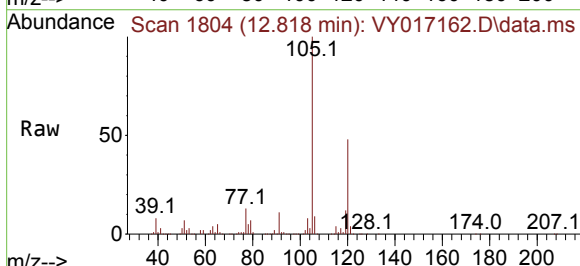
Acq: 31 Jan 2024 17:13

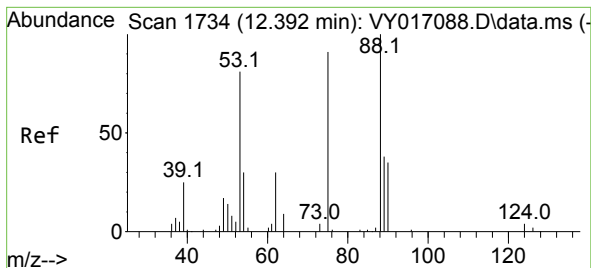
Tgt Ion: 105 Resp: 226126

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8

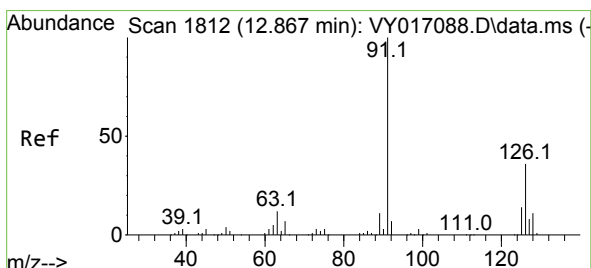
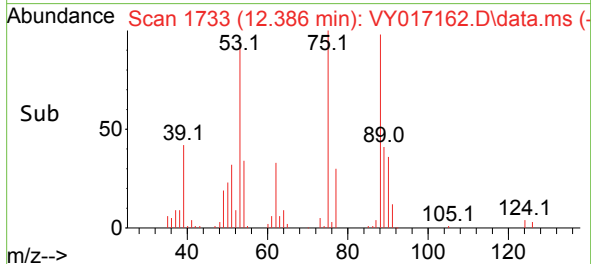
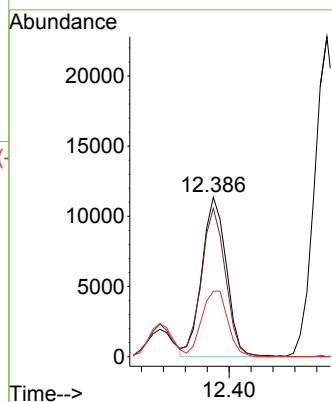
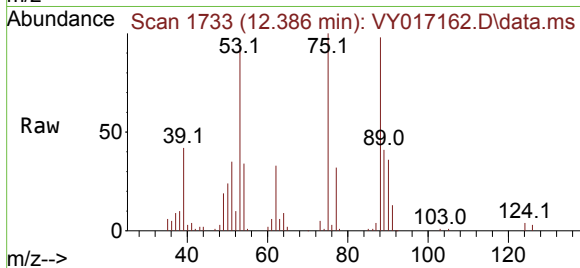




#81
trans-1,4-Dichloro-2-butene
Concen: 52.775 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.001 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

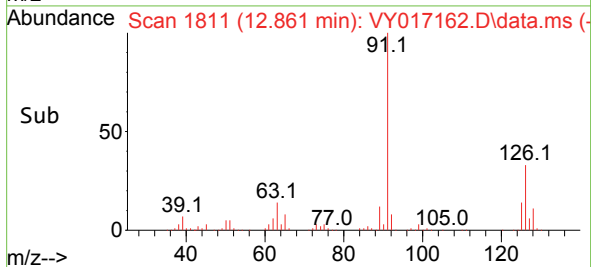
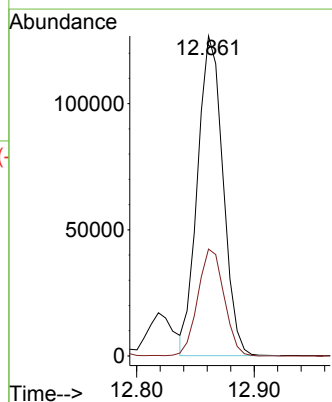
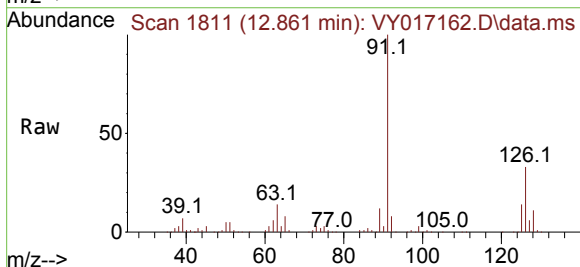
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

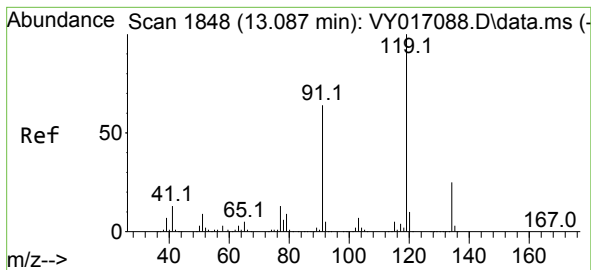
Tgt Ion: 75 Resp: 17650
Ion Ratio Lower Upper
75 100
53 91.7 74.0 111.0
89 43.4 36.5 54.7



#82
4-Chlorotoluene
Concen: 47.495 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion: 91 Resp: 190515
Ion Ratio Lower Upper
91 100
126 34.7 17.1 51.2

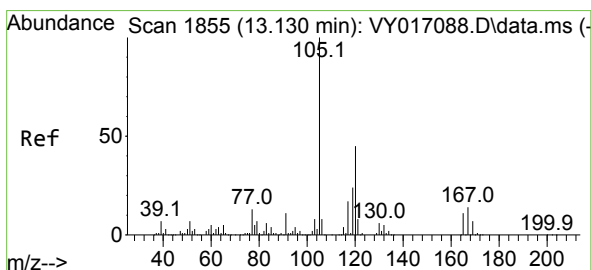
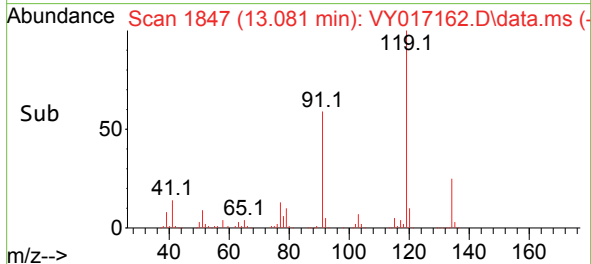
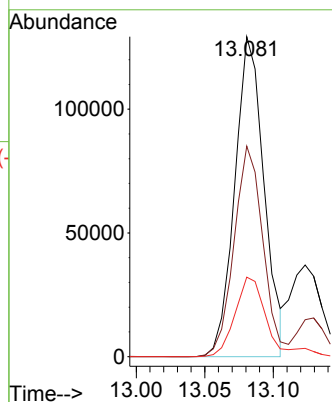
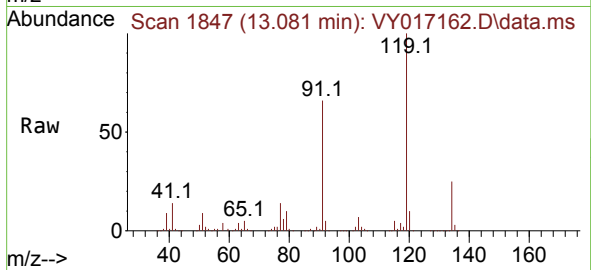




#83
tert-Butylbenzene
Concen: 47.860 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

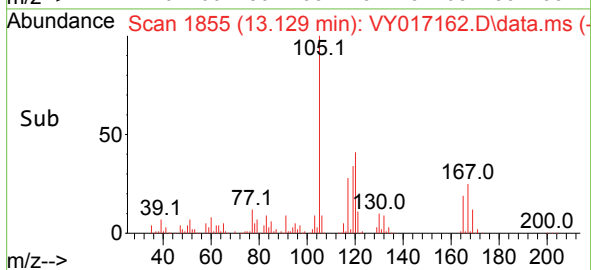
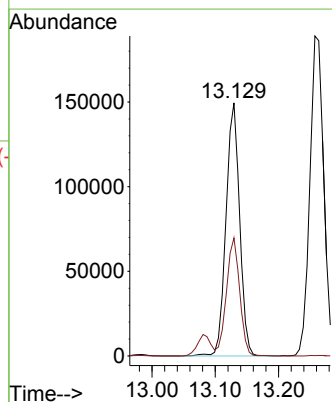
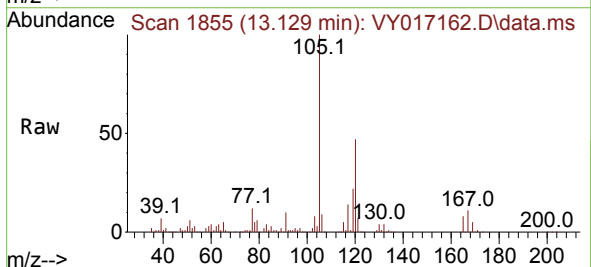
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

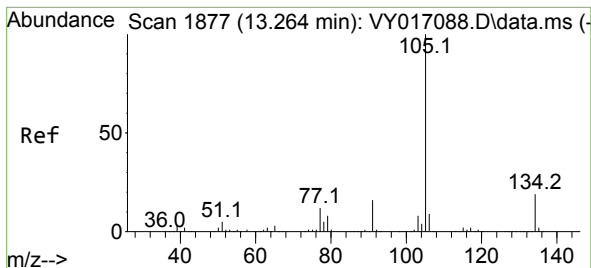
Tgt Ion:119 Resp: 192123
Ion Ratio Lower Upper
119 100
91 65.4 31.5 94.5
134 27.4 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 48.417 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion:105 Resp: 223331
Ion Ratio Lower Upper
105 100
120 45.3 22.1 66.3





#85

sec-Butylbenzene

Concen: 48.321 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

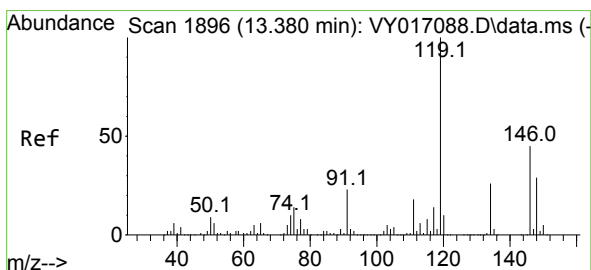
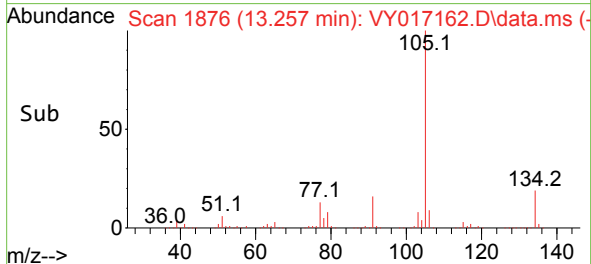
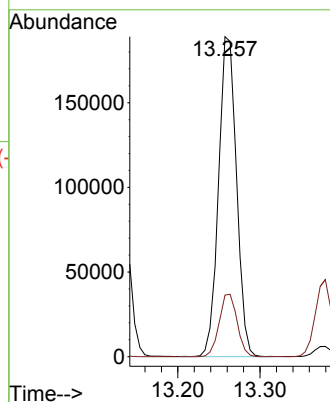
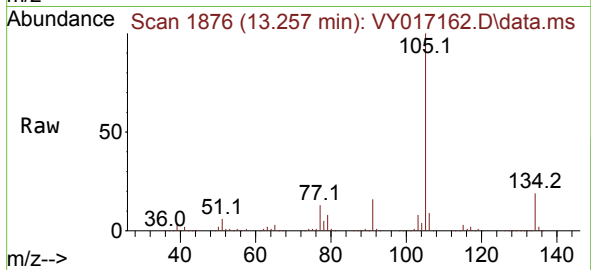
VSTDCCC050EC

Tgt Ion:105 Resp: 287221

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 48.589 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

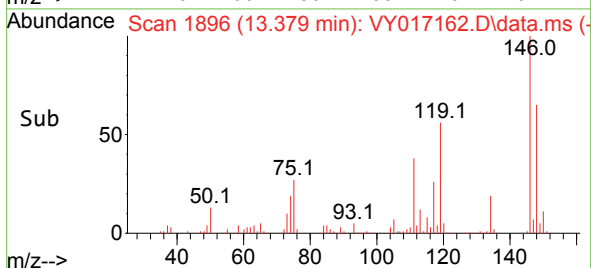
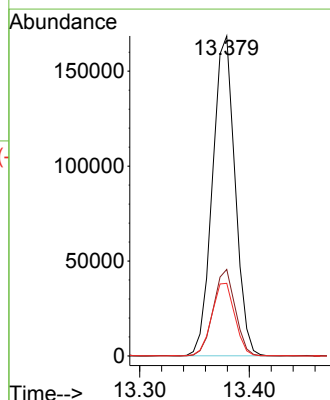
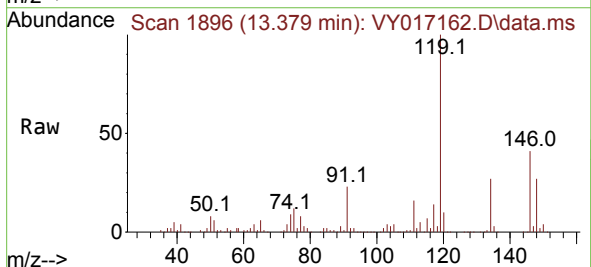
Tgt Ion:119 Resp: 240577

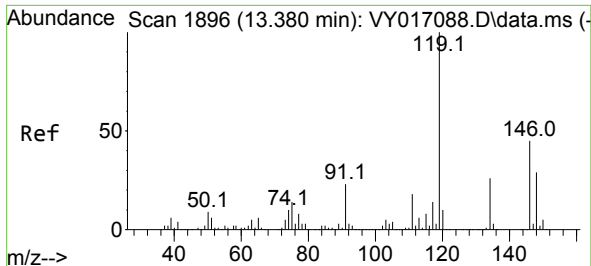
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 23.3 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 48.488 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

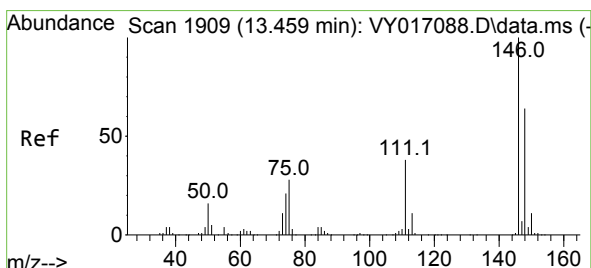
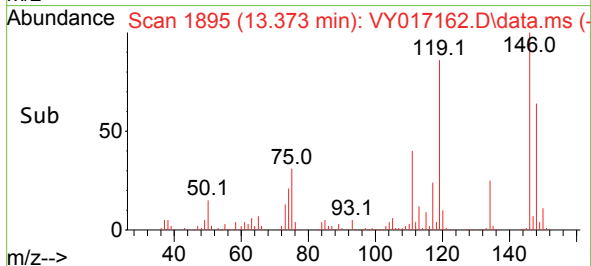
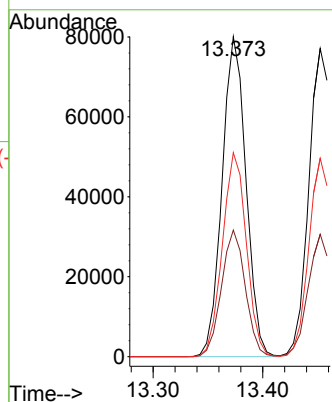
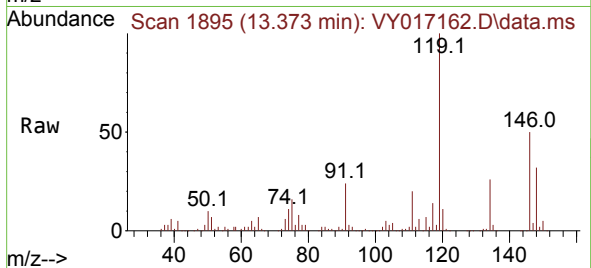
Tgt Ion:146 Resp: 121469

Ion Ratio Lower Upper

146 100

111 39.5 20.2 60.5

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 48.656 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.001 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

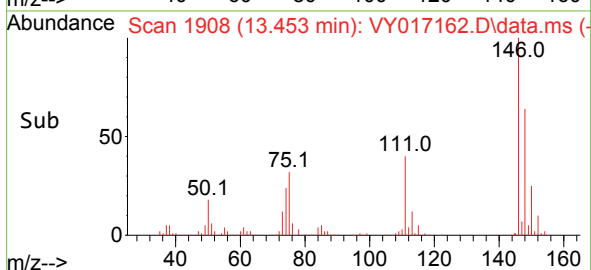
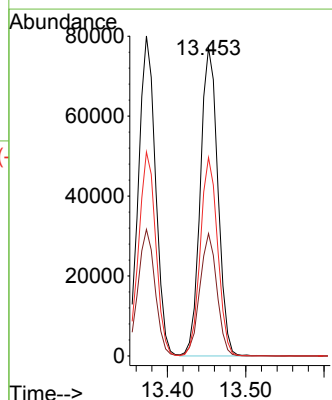
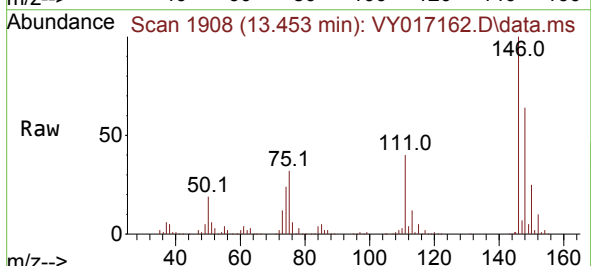
Tgt Ion:146 Resp: 119926

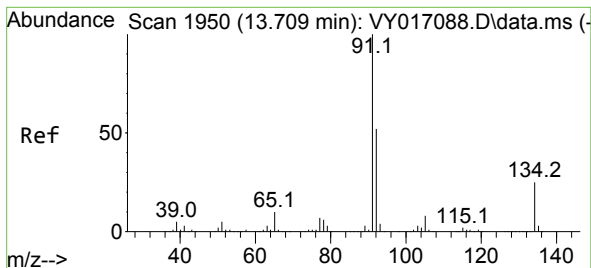
Ion Ratio Lower Upper

146 100

111 38.8 19.3 57.9

148 63.5 31.6 94.7

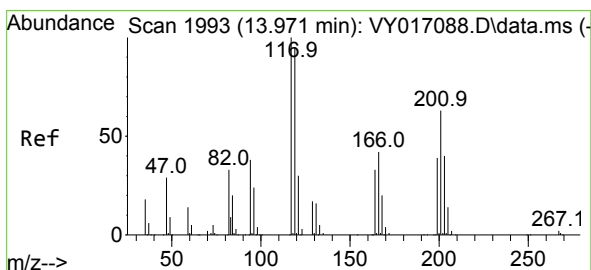
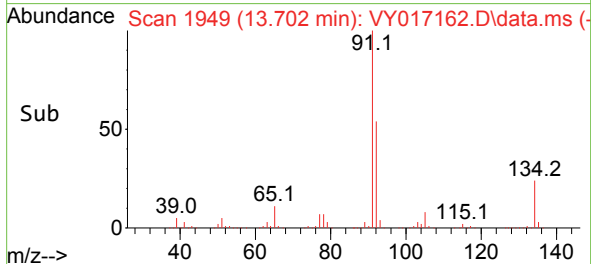
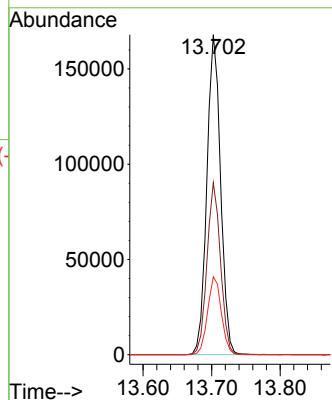
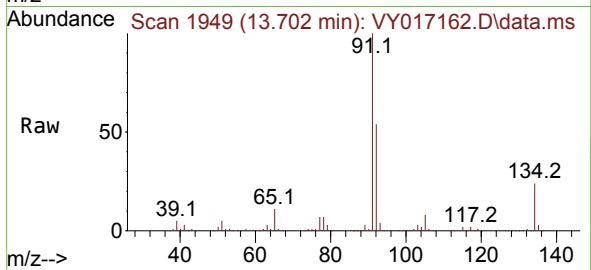




#89
n-Butylbenzene
Concen: 48.973 ug/l
RT: 13.702 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

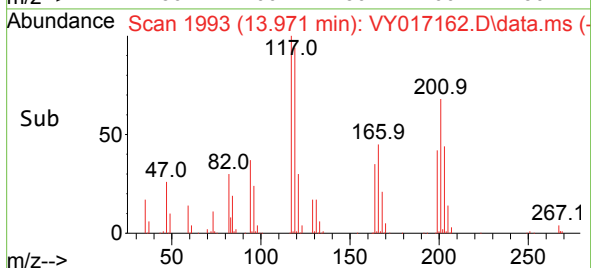
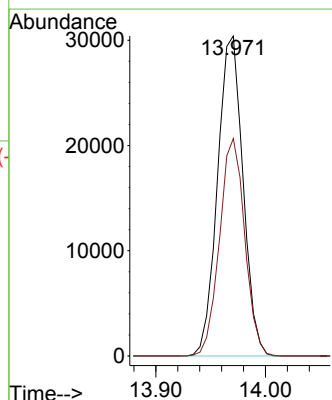
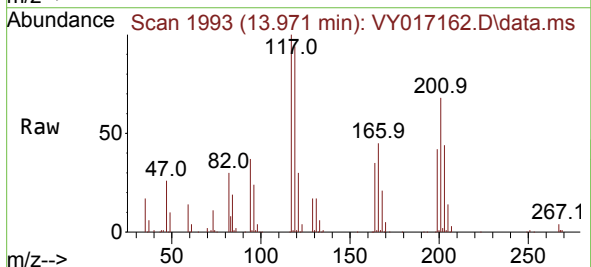
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

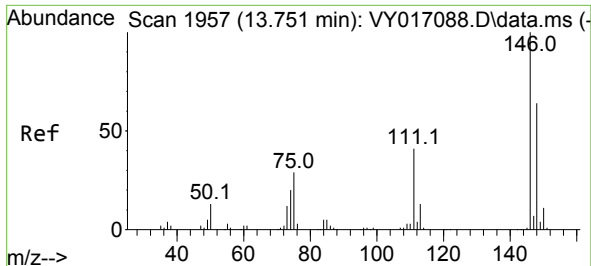
Tgt Ion: 91 Resp: 233881
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.2
134 24.5 12.3 36.8



#90
Hexachloroethane
Concen: 47.507 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY017162.D
Acq: 31 Jan 2024 17:13

Tgt Ion: 117 Resp: 49026
Ion Ratio Lower Upper
117 100
201 67.3 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 50.010 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

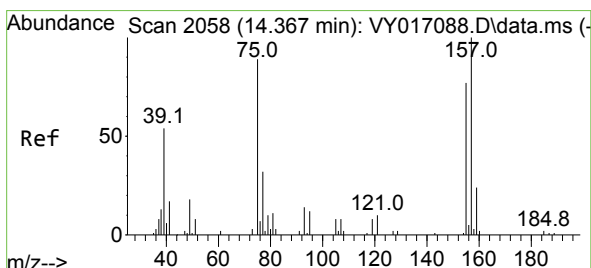
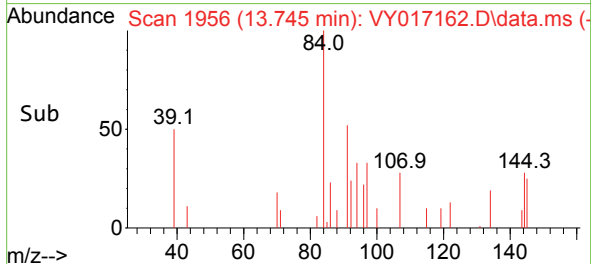
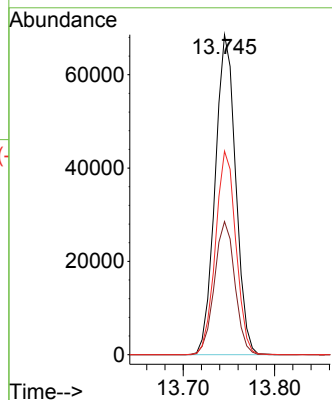
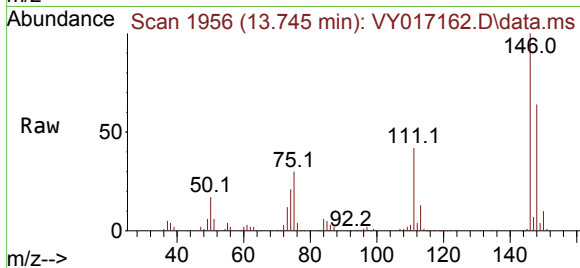
Tgt Ion:146 Resp: 106989

Ion Ratio Lower Upper

146 100

111 41.5 20.5 61.6

148 63.4 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.702 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

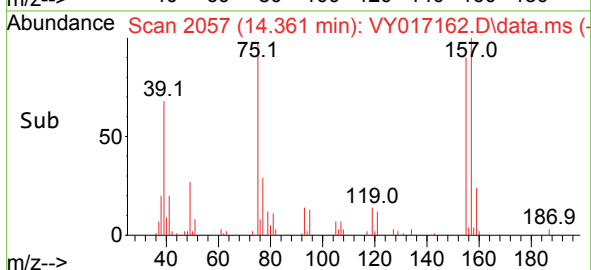
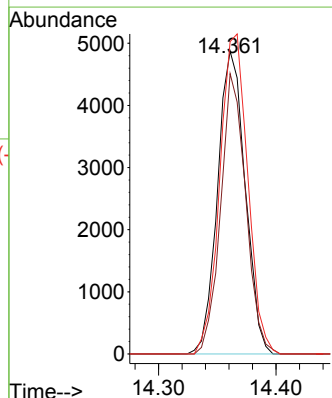
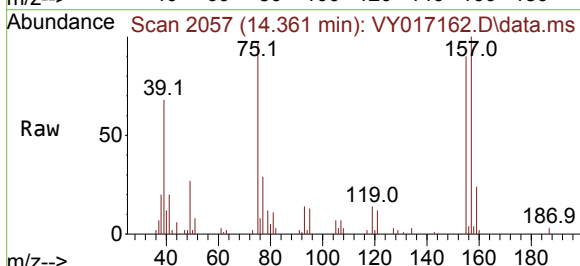
Tgt Ion: 75 Resp: 7955

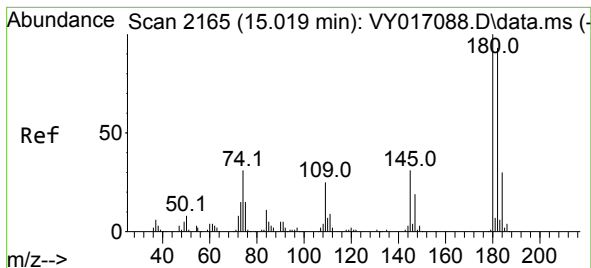
Ion Ratio Lower Upper

75 100

155 84.1 42.1 126.3

157 106.8 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 49.888 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

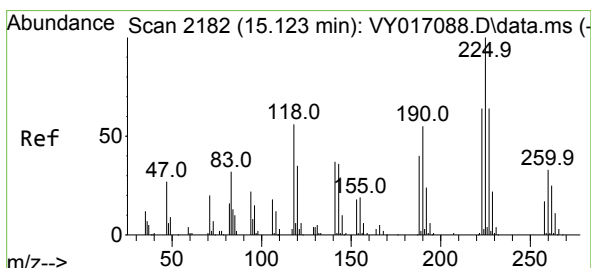
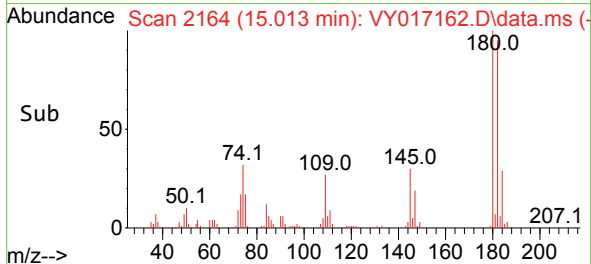
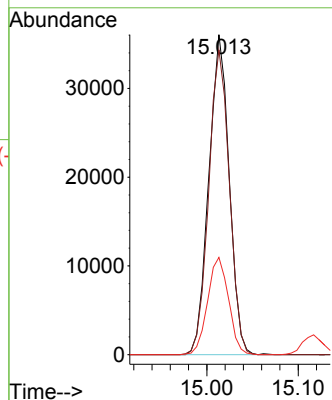
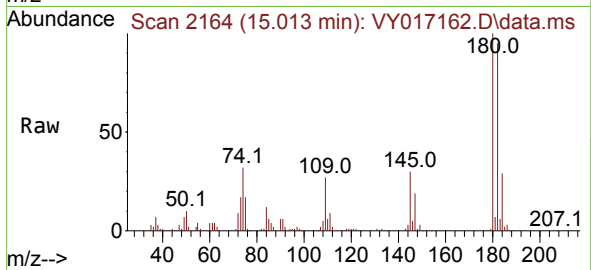
Tgt Ion:180 Resp: 55772

Ion Ratio Lower Upper

180 100

182 96.4 47.9 143.7

145 31.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 46.503 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

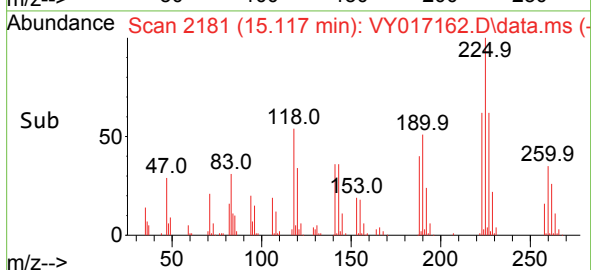
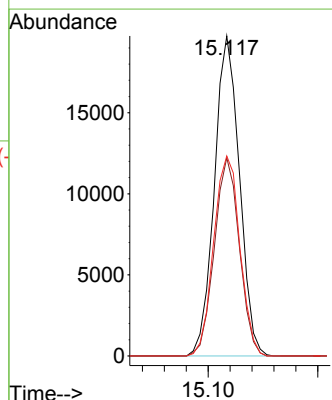
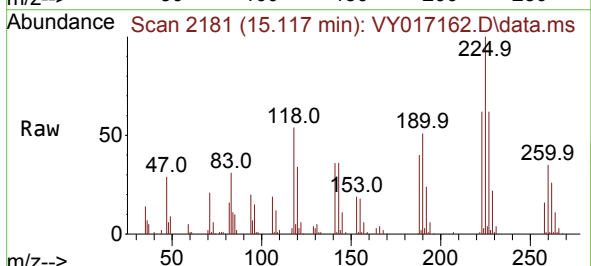
Tgt Ion:225 Resp: 31289

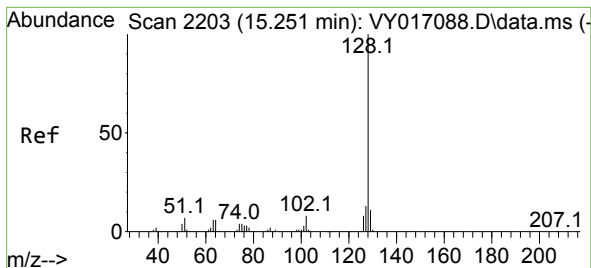
Ion Ratio Lower Upper

225 100

223 61.8 31.4 94.3

227 65.3 32.3 96.8





#95

Naphthalene

Concen: 56.696 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

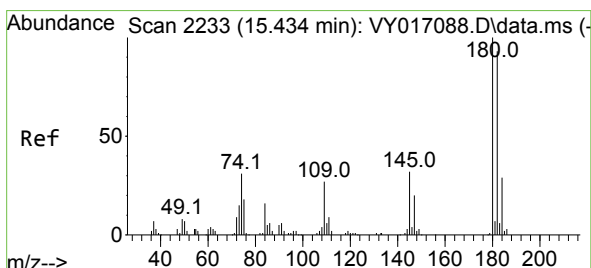
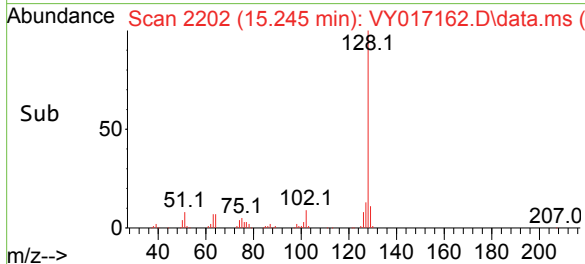
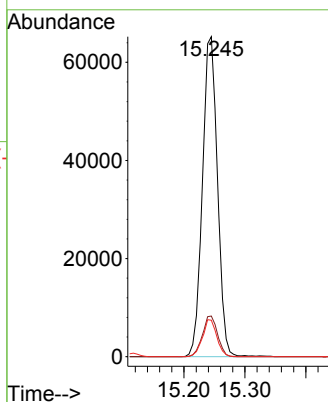
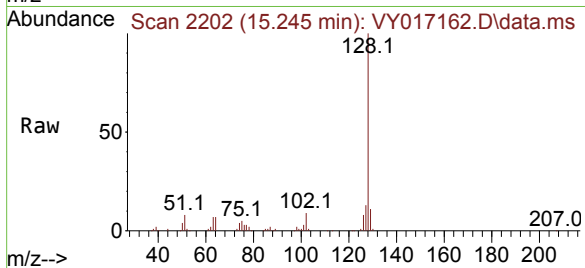
Tgt Ion:128 Resp: 111949

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.577 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017162.D

Acq: 31 Jan 2024 17:13

Tgt Ion:180 Resp: 47971

Ion Ratio Lower Upper

180 100

182 96.3 46.3 138.8

145 32.7 16.1 48.2

