

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY017990.D
 Acq On : 19 Apr 2024 11:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 19 23:18:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	445465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	689055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	612154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	292605	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	172658	44.79	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.58%
35) Dibromofluoromethane	7.716	113	200350	47.13	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.26%
50) Toluene-d8	10.185	98	775869	48.10	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.20%
62) 4-Bromofluorobenzene	12.483	95	240363	48.11	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.22%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.900	85	165526	46.84	ug/l 99
3) Chloromethane	2.113	50	232794	39.75	ug/l 98
4) Vinyl Chloride	2.253	62	261855	39.67	ug/l 100
5) Bromomethane	2.650	94	189532	43.14	ug/l 96
6) Chloroethane	2.796	64	173445	41.62	ug/l 100
7) Trichlorofluoromethane	3.125	101	325216	43.72	ug/l 96
8) Diethyl Ether	3.527	74	118096	50.24	ug/l 98
9) 1,1,2-Trichlorotrifluo...	3.899	101	209705	45.27	ug/l 97
10) Methyl Iodide	4.088	142	312515	50.71	ug/l 98
11) Tert butyl alcohol	4.960	59	60795	218.64	ug/l # 82
12) 1,1-Dichloroethene	3.869	96	214721	47.75	ug/l 96
13) Acrolein	3.729	56	99723	332.16	ug/l 100
14) Allyl chloride	4.479	41	290526	49.92	ug/l 93
15) Acrylonitrile	5.161	53	240041	251.52	ug/l 100
16) Acetone	3.948	43	192818	253.14	ug/l 96
17) Carbon Disulfide	4.192	76	659637	46.11	ug/l 99
18) Methyl Acetate	4.479	43	89497	44.66	ug/l 100
19) Methyl tert-butyl Ether	5.216	73	499140	50.93	ug/l 99
20) Methylene Chloride	4.716	84	248055	48.07	ug/l 96
21) trans-1,2-Dichloroethene	5.222	96	241287	48.98	ug/l 98
22) Diisopropyl ether	6.118	45	649885	50.94	ug/l 99
23) Vinyl Acetate	6.058	43	1935733	255.88	ug/l 99
24) 1,1-Dichloroethane	6.015	63	409742	49.19	ug/l 98
25) 2-Butanone	6.984	43	284579	254.18	ug/l 93
26) 2,2-Dichloropropane	6.984	77	326287	48.83	ug/l 98
27) cis-1,2-Dichloroethene	6.984	96	285570	50.76	ug/l 99
28) Bromochloromethane	7.332	49	164511	50.21	ug/l 98
29) Tetrahydrofuran	7.350	42	178141	250.73	ug/l 96
30) Chloroform	7.508	83	413956	48.63	ug/l 100
31) Cyclohexane	7.789	56	322431	43.76	ug/l 99
32) 1,1,1-Trichloroethane	7.704	97	339415	47.87	ug/l 98
36) 1,1-Dichloropropene	7.917	75	298500	48.28	ug/l 99
37) Ethyl Acetate	7.076	43	131402	51.66	ug/l 98
38) Carbon Tetrachloride	7.905	117	302760	48.47	ug/l 99
39) Methylcyclohexane	9.185	83	385488	47.85	ug/l 96
40) Benzene	8.161	78	971531	50.17	ug/l 99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY017990.D
 Acq On : 19 Apr 2024 11:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 19 23:18:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	61290	38.19	ug/l	96
42) 1,2-Dichloroethane	8.240	62	219582	49.49	ug/l	98
43) Isopropyl Acetate	8.277	43	236851	49.95	ug/l	99
44) Trichloroethene	8.941	130	251487	51.11	ug/l	99
45) 1,2-Dichloropropane	9.222	63	222999	50.03	ug/l	100
46) Dibromomethane	9.307	93	123636	50.14	ug/l	95
47) Bromodichloromethane	9.502	83	316123	51.10	ug/l	99
48) Methyl methacrylate	9.295	41	111581	51.36	ug/l	98
49) 1,4-Dioxane	9.307	88	27036	960.48	ug/l #	100
51) 4-Methyl-2-Pentanone	10.075	43	647196	257.49	ug/l	100
52) Toluene	10.246	92	609608	51.30	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	292555	51.80	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	354908	51.16	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	167487	49.97	ug/l	96
56) Ethyl methacrylate	10.514	69	230638	52.78	ug/l	99
57) 1,3-Dichloropropane	10.794	76	288904	50.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	583103	256.72	ug/l	99
59) 2-Hexanone	10.837	43	473459	275.94	ug/l	99
60) Dibromochloromethane	10.990	129	223749	51.94	ug/l	99
61) 1,2-Dibromoethane	11.093	107	160203	51.29	ug/l	99
64) Tetrachloroethene	10.721	164	217015	49.49	ug/l	100
65) Chlorobenzene	11.520	112	677771	50.52	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	227293	51.38	ug/l	99
67) Ethyl Benzene	11.599	91	1150927	50.95	ug/l	98
68) m/p-Xylenes	11.709	106	894431	103.09	ug/l	99
69) o-Xylene	12.032	106	421953	52.08	ug/l	99
70) Styrene	12.050	104	727554	53.13	ug/l	99
71) Bromoform	12.215	173	131219	51.34	ug/l #	98
73) Isopropylbenzene	12.337	105	1074790	50.41	ug/l	99
74) N-amyl acetate	12.148	43	218889	50.86	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	192392	48.38	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	236654	86.19	ug/l #	100
77) Bromobenzene	12.611	156	265742	51.50	ug/l	96
78) n-propylbenzene	12.678	91	1303006	50.37	ug/l	98
79) 2-Chlorotoluene	12.764	91	725521	50.11	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	863414	51.07	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	66894	50.23	ug/l	97
82) 4-Chlorotoluene	12.861	91	745406	49.71	ug/l	97
83) tert-Butylbenzene	13.081	119	792314	51.31	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	862240	51.21	ug/l	98
85) sec-Butylbenzene	13.257	105	1157330	49.90	ug/l	98
86) p-Isopropyltoluene	13.373	119	974860	51.15	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	519157	50.71	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	503595	50.11	ug/l	99
89) n-Butylbenzene	13.702	91	897778	50.07	ug/l	99
90) Hexachloroethane	13.965	117	193905	49.62	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	445605	50.45	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	24831	48.55	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	271202	52.73	ug/l	99
94) Hexachlorobutadiene	15.117	225	154686	50.70	ug/l	96
95) Naphthalene	15.239	128	455362	53.73	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	229638	53.21	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
Data File : VY017990.D
Acq On : 19 Apr 2024 11:28
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Apr 19 23:18:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration

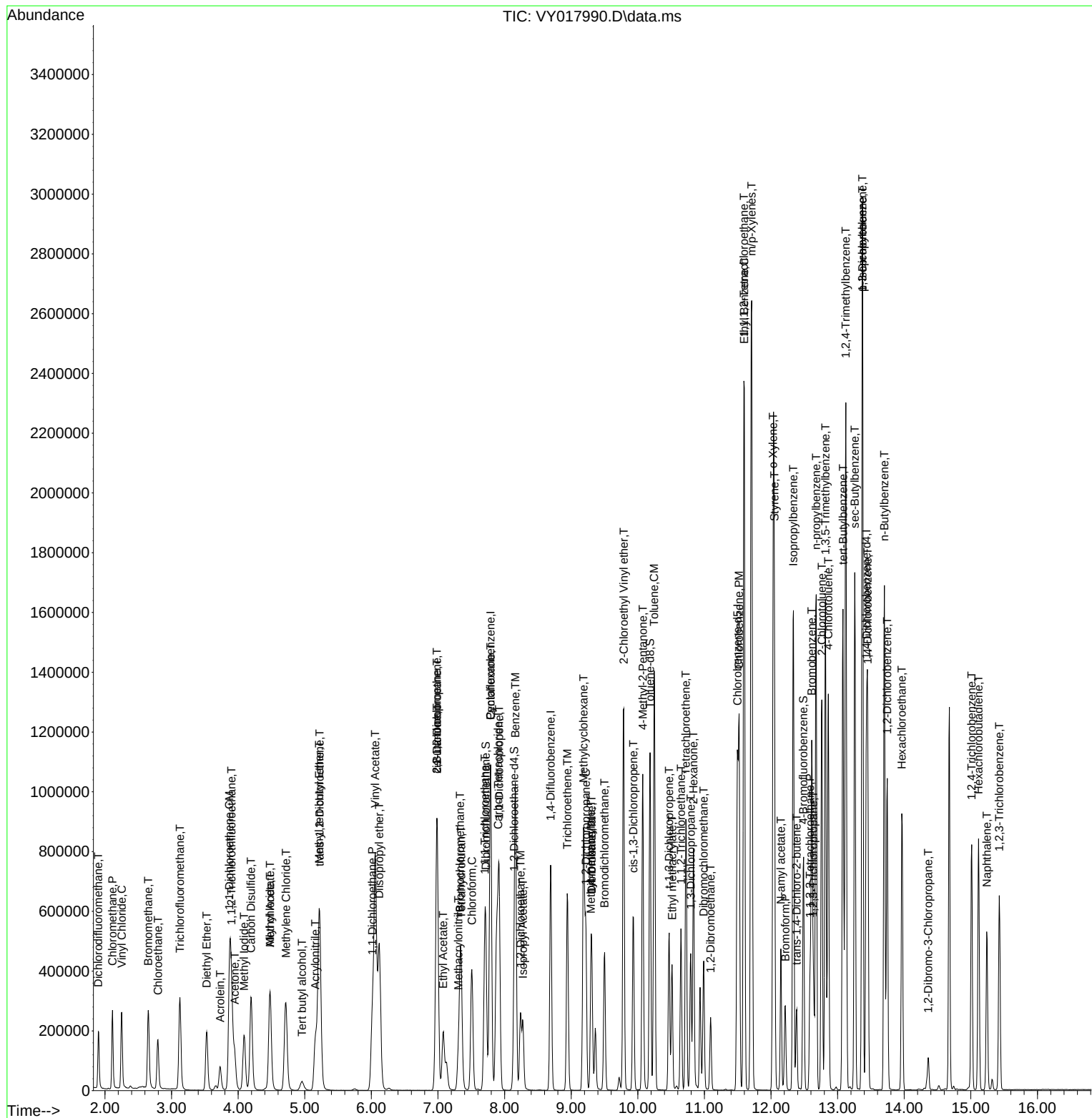
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

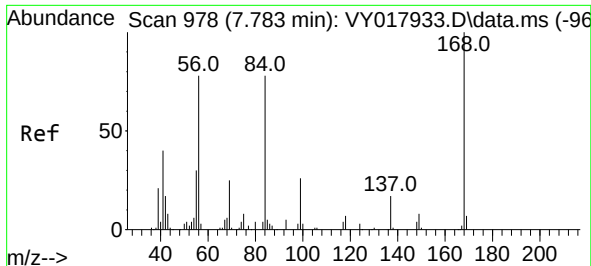
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY017990.D
 Acq On : 19 Apr 2024 11:28
 Operator : SY/MD
 Sample : VSTDC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC050

Quant Time: Apr 19 23:18:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

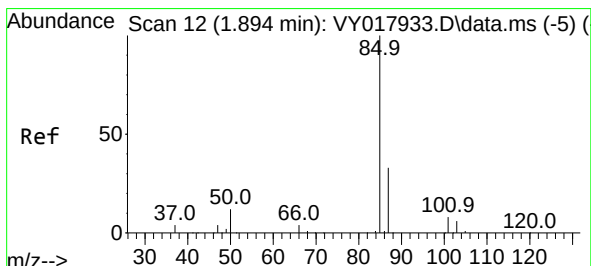
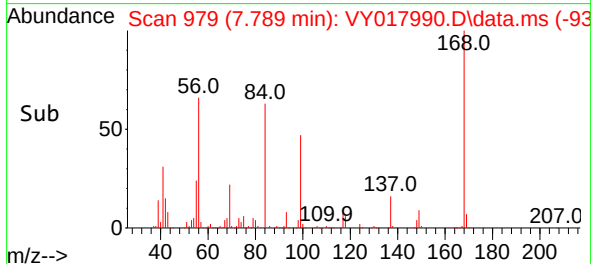
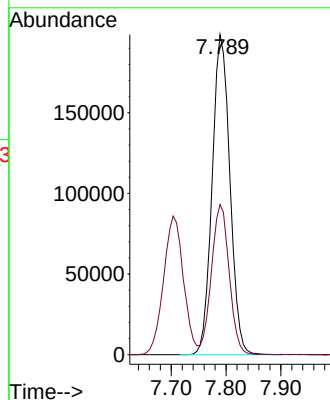
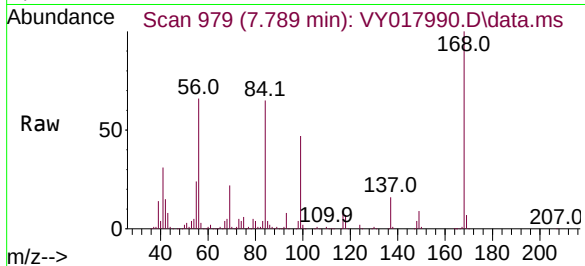




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

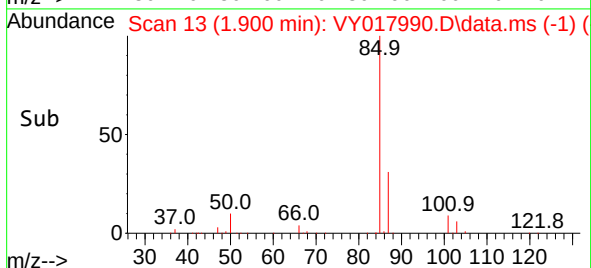
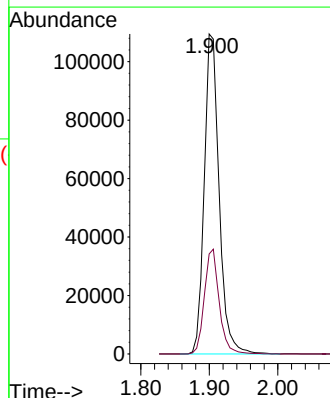
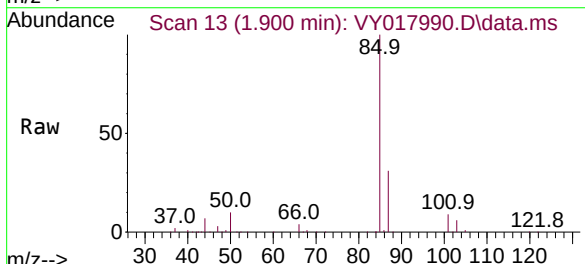
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

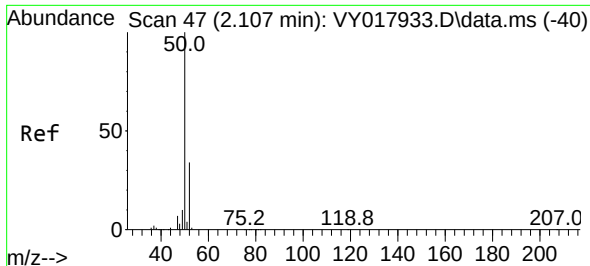
Tgt Ion:168 Resp: 445465
Ion Ratio Lower Upper
168 100
99 46.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 46.84 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 85 Resp: 165526
Ion Ratio Lower Upper
85 100
87 31.3 16.0 48.0

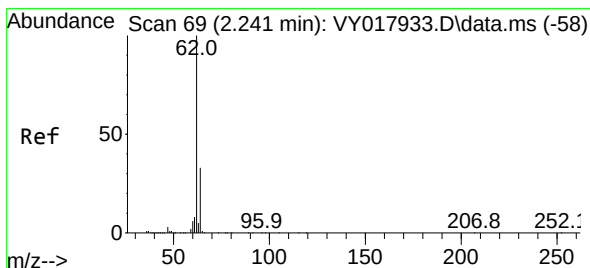
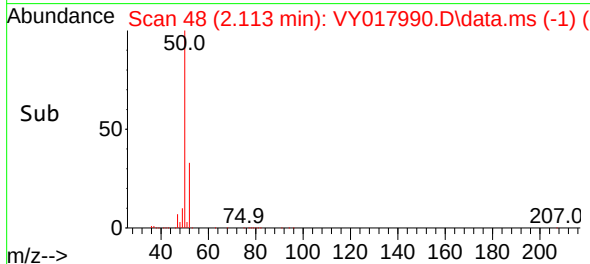
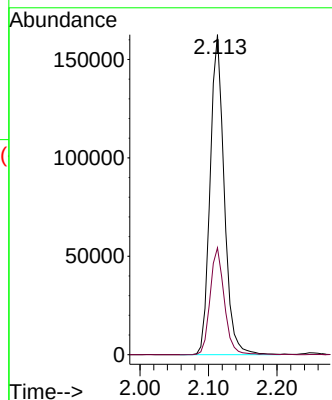
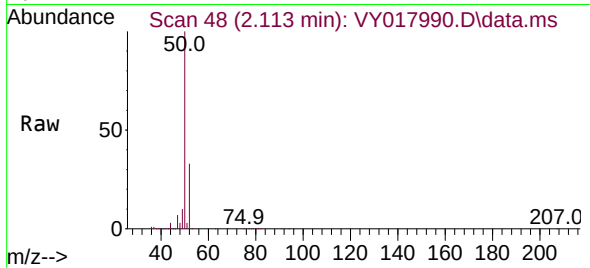




#3
Chloromethane
Concen: 39.75 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

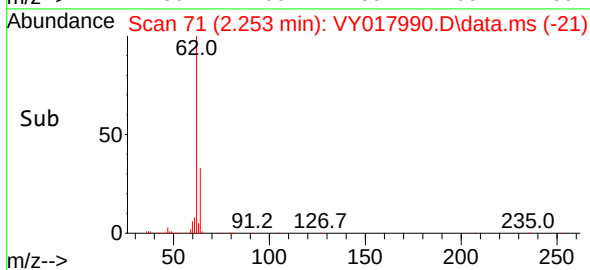
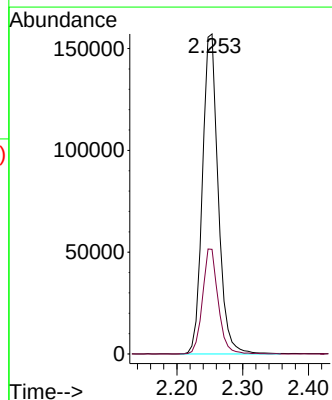
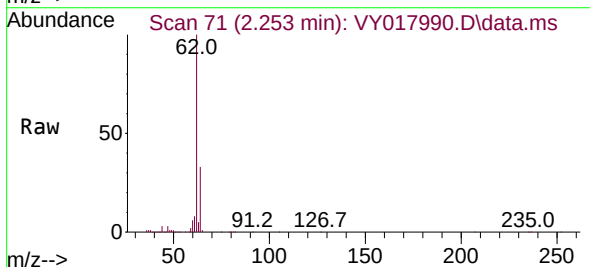
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

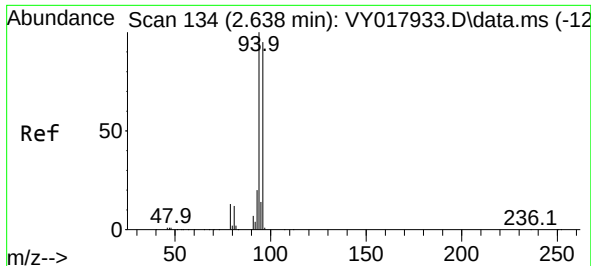
Tgt Ion: 50 Resp: 232794
Ion Ratio Lower Upper
50 100
52 33.4 25.6 38.4



#4
Vinyl Chloride
Concen: 39.67 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 62 Resp: 261855
Ion Ratio Lower Upper
62 100
64 32.7 26.1 39.1

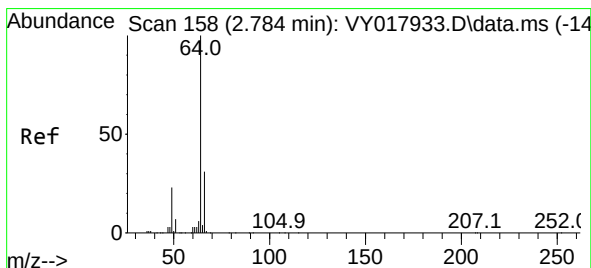
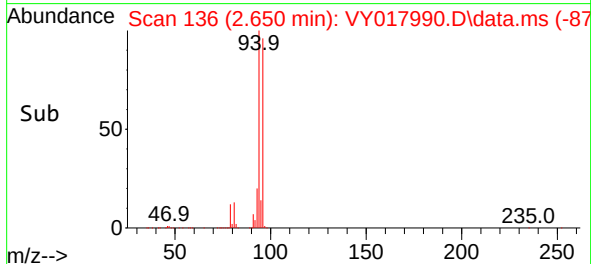
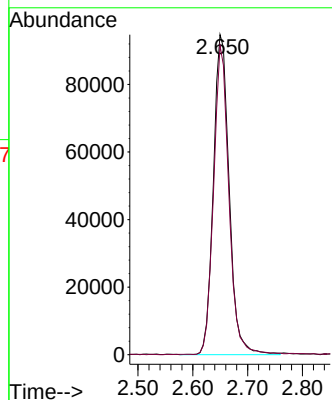
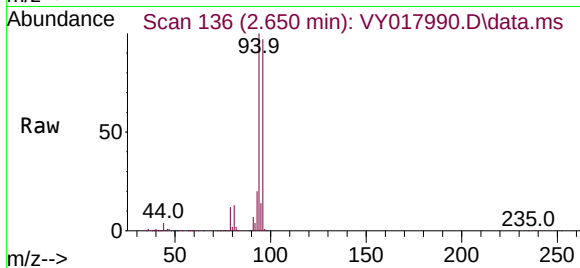




#5
Bromomethane
Concen: 43.14 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

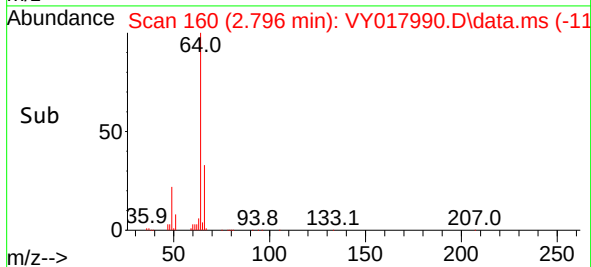
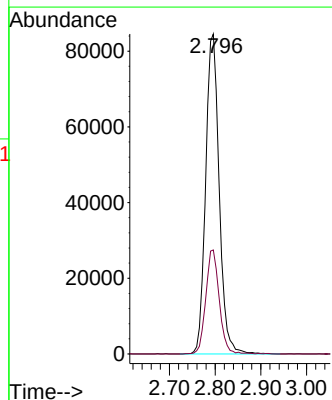
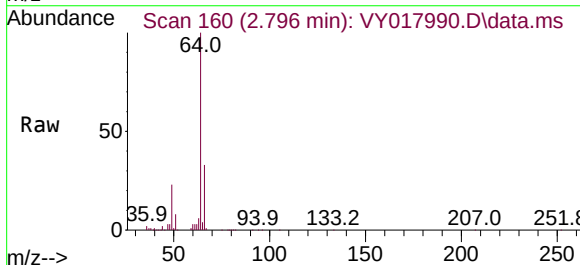
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

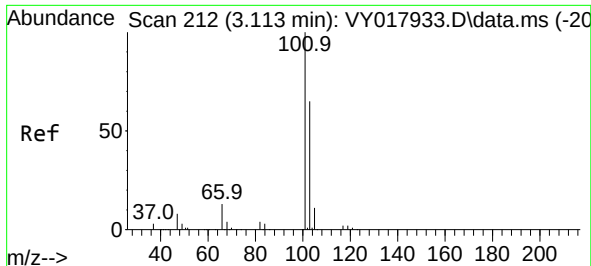
Tgt Ion: 94 Resp: 189532
Ion Ratio Lower Upper
94 100
96 96.4 74.1 111.1



#6
Chloroethane
Concen: 41.62 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 64 Resp: 173445
Ion Ratio Lower Upper
64 100
66 32.5 26.1 39.1

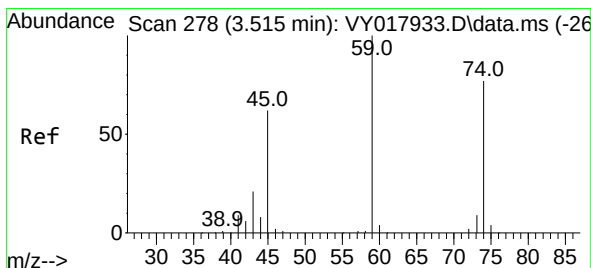
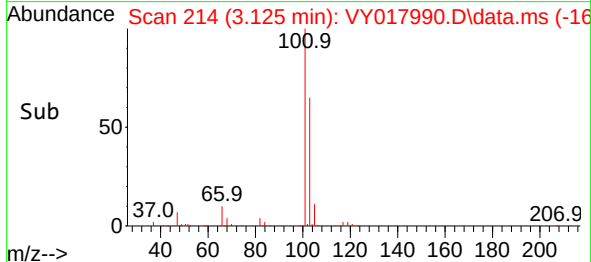
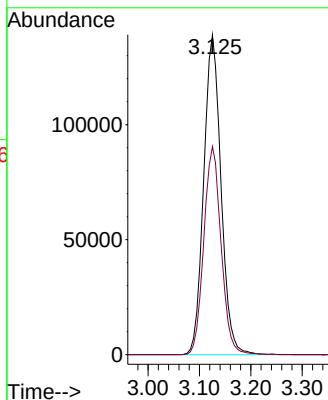
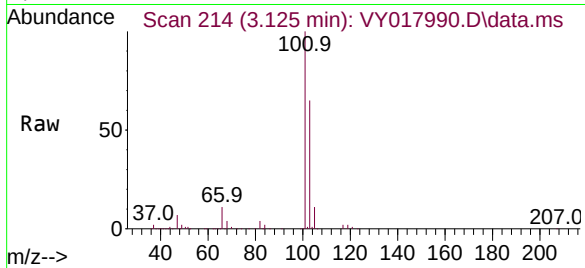




#7
 Trichlorofluoromethane
 Concen: 43.72 ug/l
 RT: 3.125 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY017990.D
 Acq: 19 Apr 2024 11:28

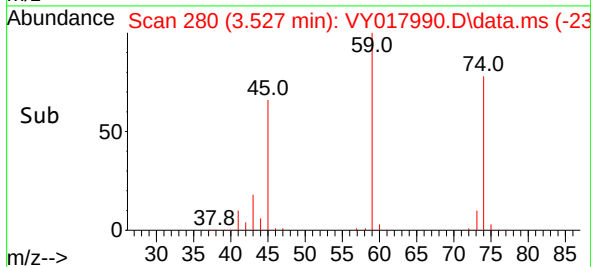
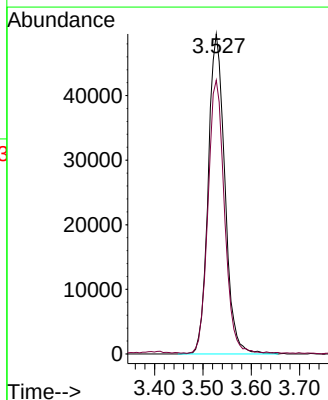
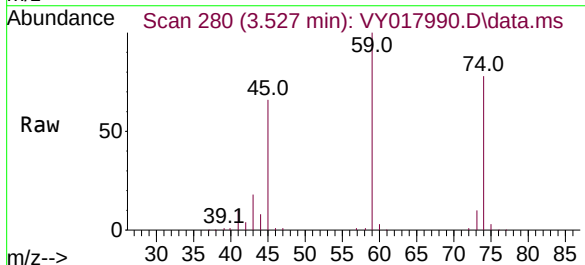
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

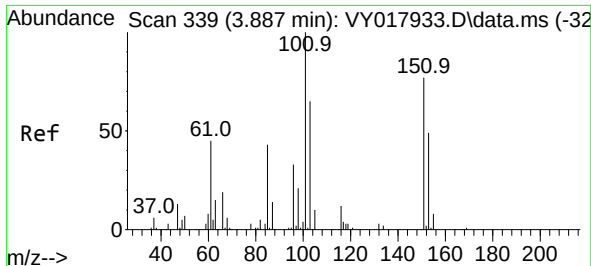
Tgt Ion:101 Resp: 325216
 Ion Ratio Lower Upper
 101 100
 103 65.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 50.24 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017990.D
 Acq: 19 Apr 2024 11:28

Tgt Ion: 74 Resp: 118096
 Ion Ratio Lower Upper
 74 100
 45 84.6 41.3 124.1

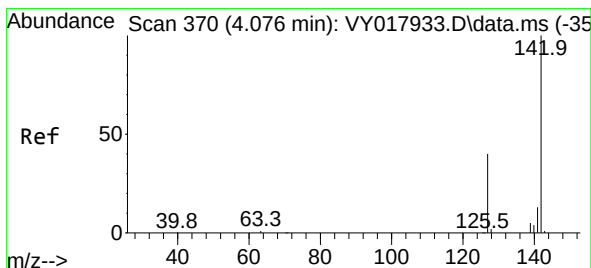
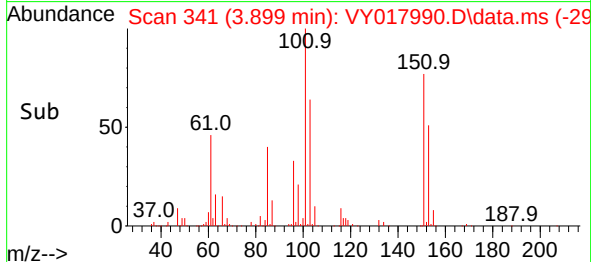
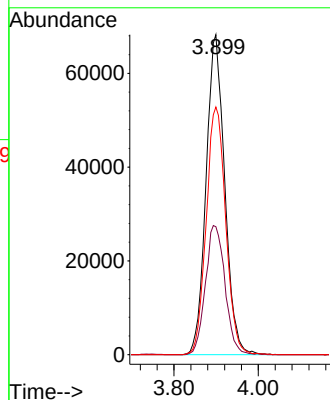
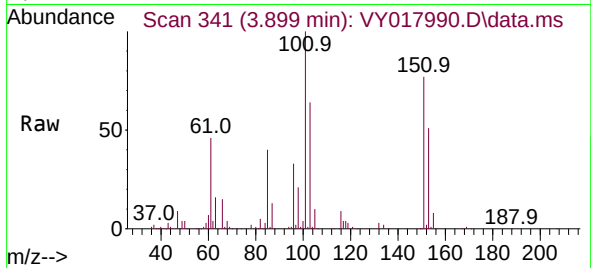




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.27 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

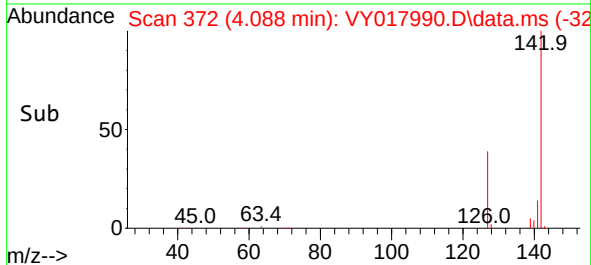
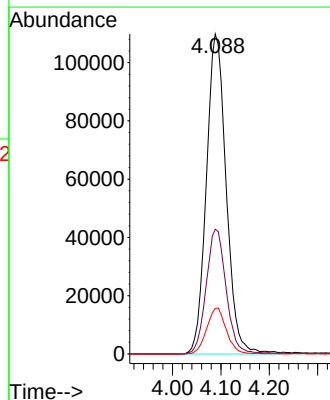
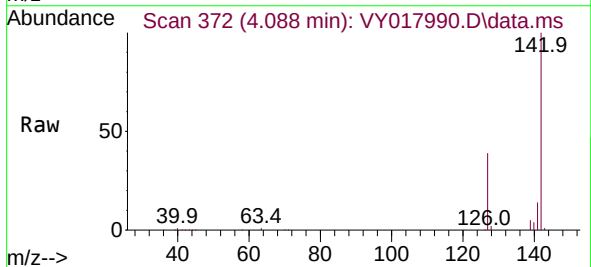
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

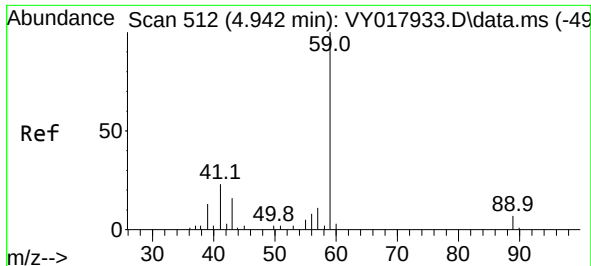
Tgt Ion:101 Resp: 209705
Ion Ratio Lower Upper
101 100
85 42.4 34.5 51.7
151 81.0 61.7 92.5



#10
Methyl Iodide
Concen: 50.71 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion:142 Resp: 312515
Ion Ratio Lower Upper
142 100
127 39.6 32.8 49.2
141 14.3 11.4 17.2

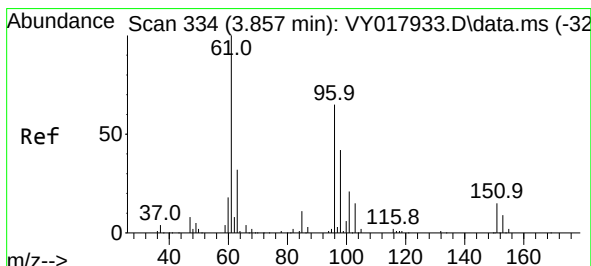
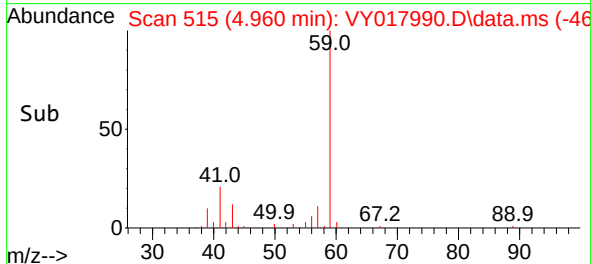
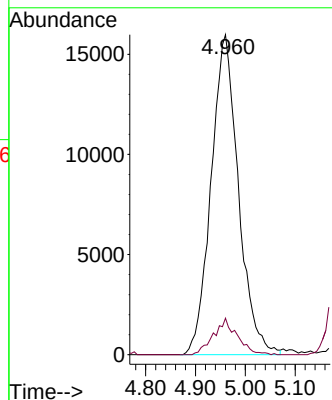
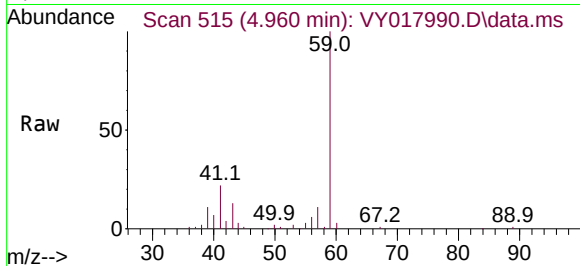




#11
Tert butyl alcohol
Concen: 218.64 ug/l
RT: 4.960 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

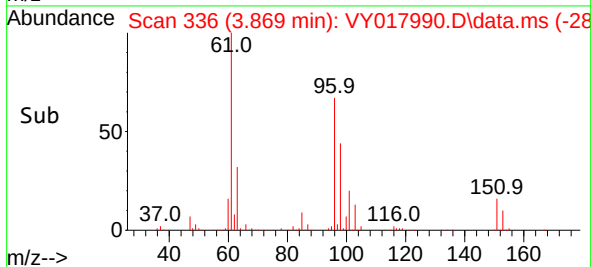
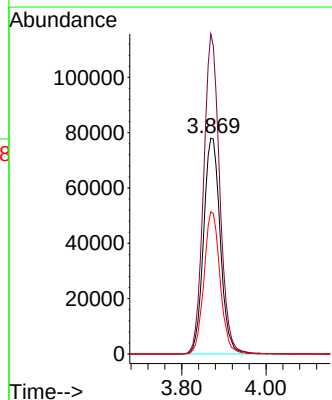
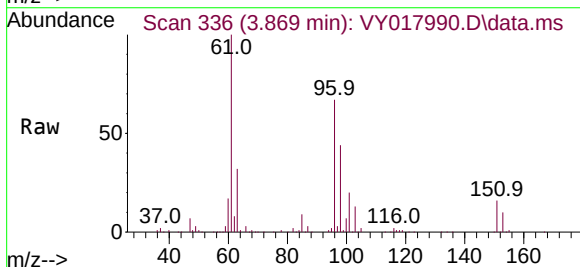
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

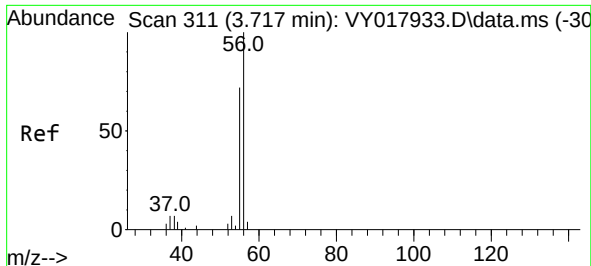
Tgt Ion: 59 Resp: 60795
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 47.75 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 96 Resp: 214721
Ion Ratio Lower Upper
96 100
61 148.3 114.6 171.8
98 65.9 50.8 76.2





#13

Acrolein

Concen: 332.16 ug/l

RT: 3.729 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

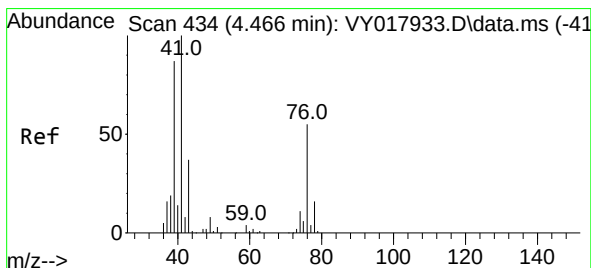
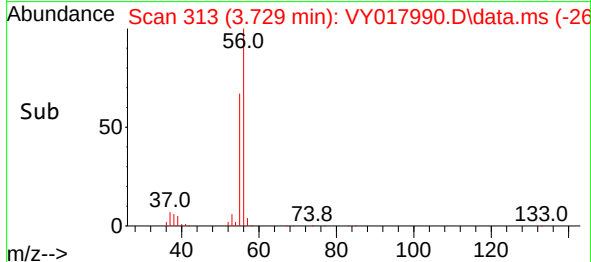
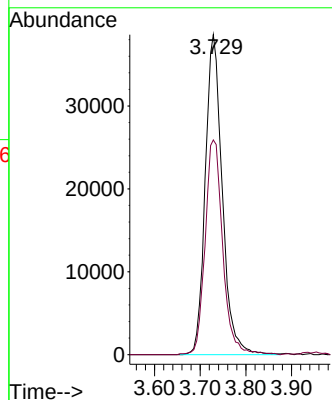
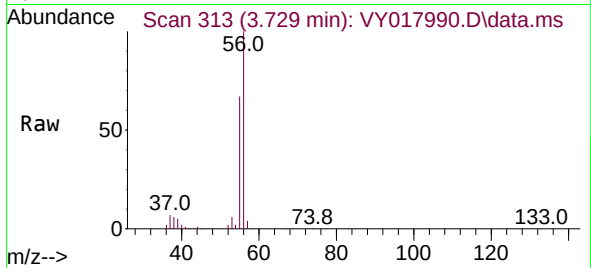
VSTDCCC050

Tgt Ion: 56 Resp: 99723

Ion Ratio Lower Upper

56 100

55 69.7 55.7 83.5



#14

Allyl chloride

Concen: 49.92 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

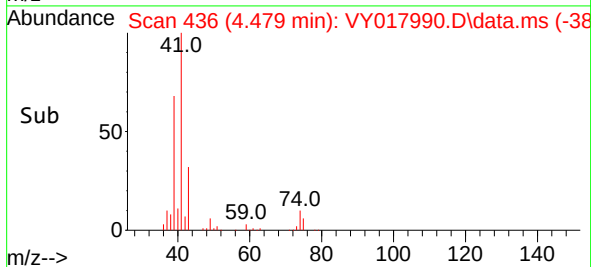
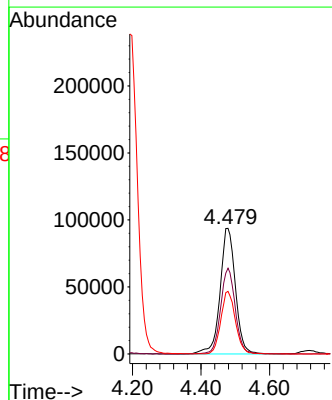
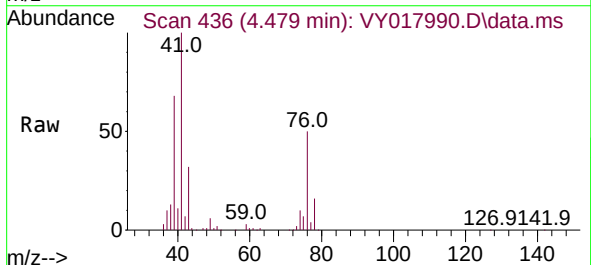
Tgt Ion: 41 Resp: 290526

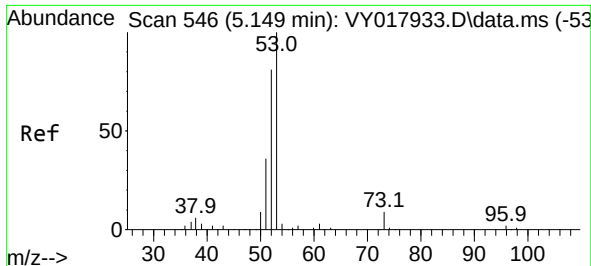
Ion Ratio Lower Upper

41 100

39 65.0 58.3 87.5

76 47.3 39.0 58.6

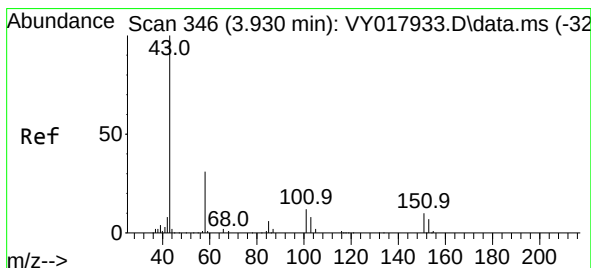
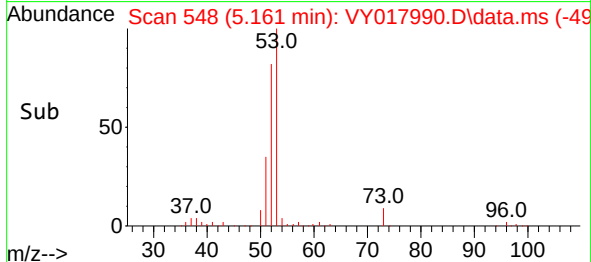
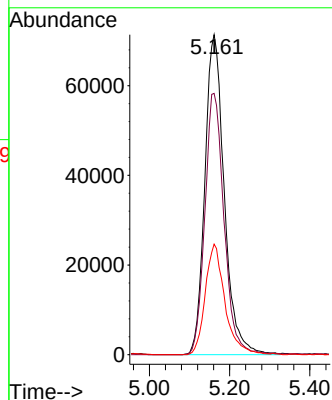
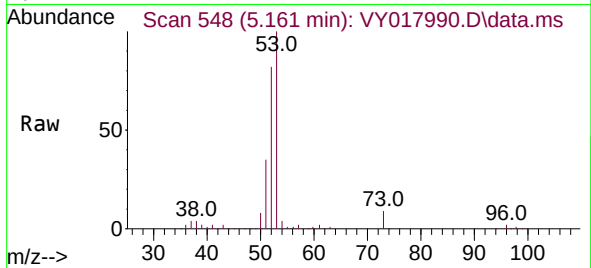




#15
Acrylonitrile
Concen: 251.52 ug/l
RT: 5.161 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

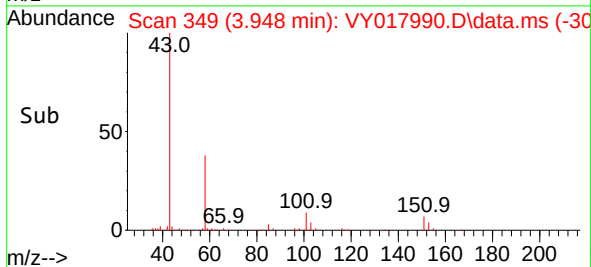
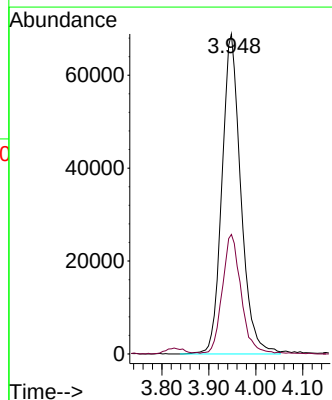
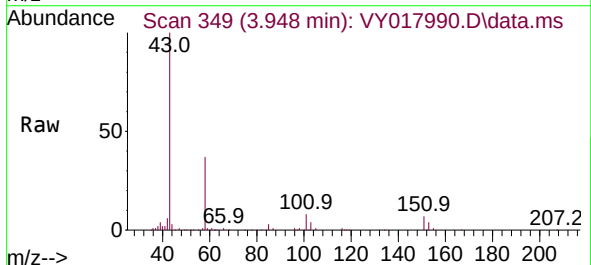
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

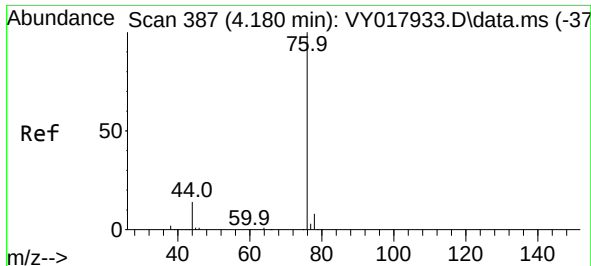
Tgt Ion: 53 Resp: 240041
Ion Ratio Lower Upper
53 100
52 80.7 64.7 97.1
51 35.0 28.4 42.6



#16
Acetone
Concen: 253.14 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 43 Resp: 192818
Ion Ratio Lower Upper
43 100
58 36.9 31.7 47.5

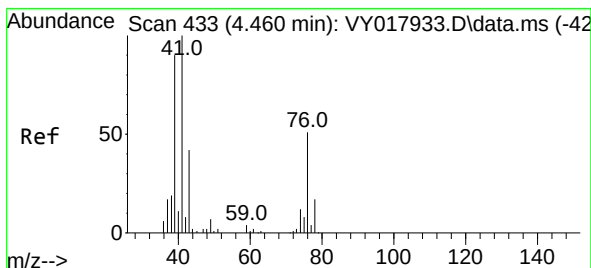
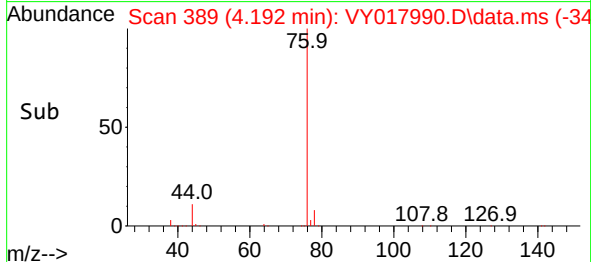
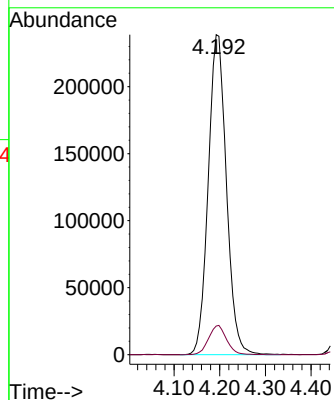
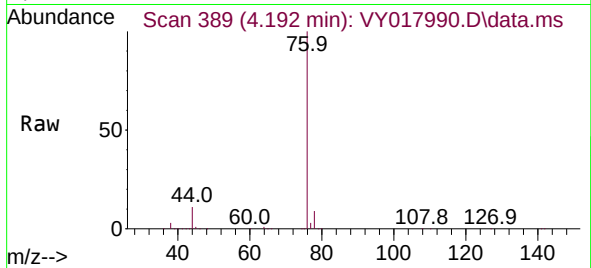




#17
Carbon Disulfide
Concen: 46.11 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

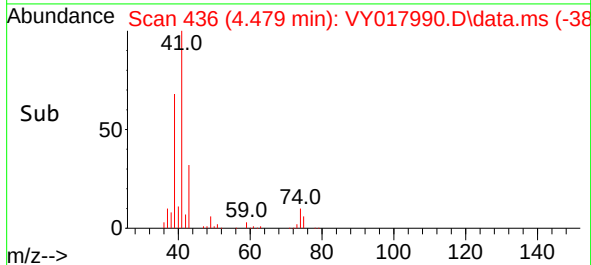
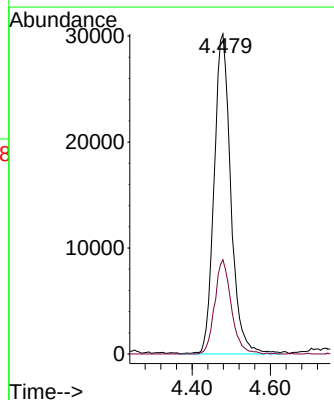
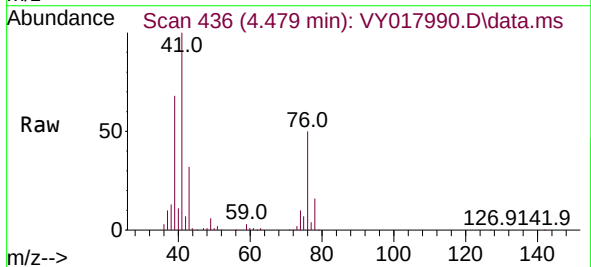
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

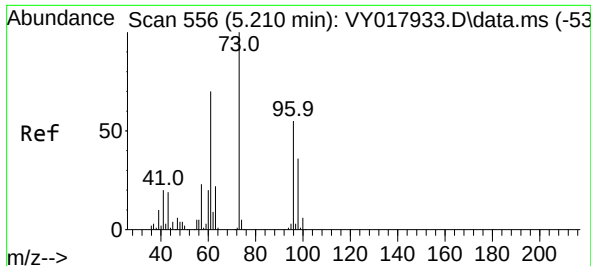
Tgt Ion: 76 Resp: 659637
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 44.66 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 43 Resp: 89497
Ion Ratio Lower Upper
43 100
74 29.2 23.3 34.9

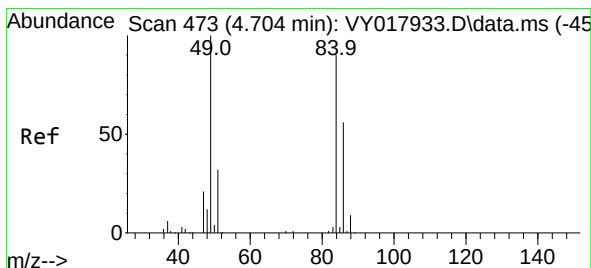
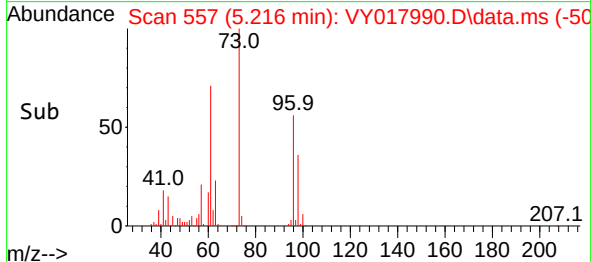
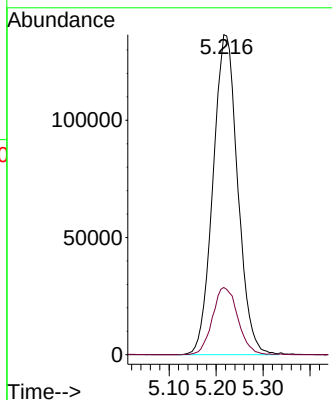
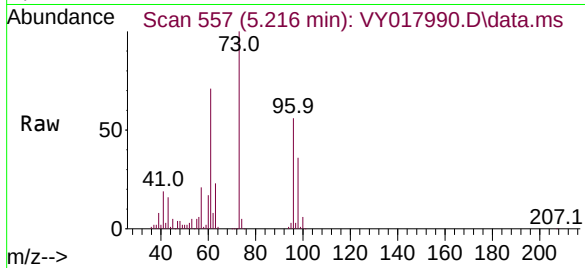




#19
Methyl tert-butyl Ether
Concen: 50.93 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

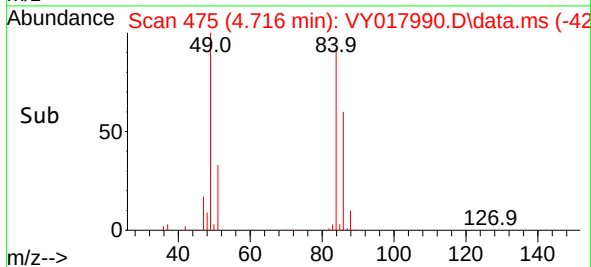
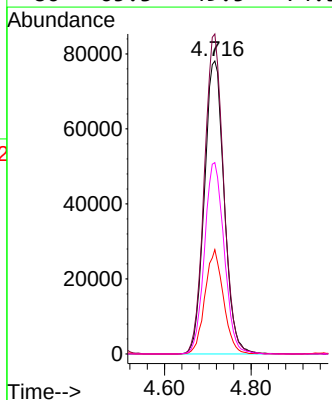
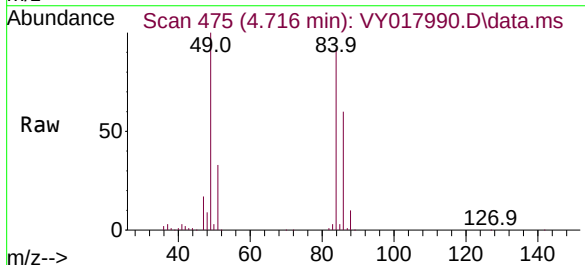
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

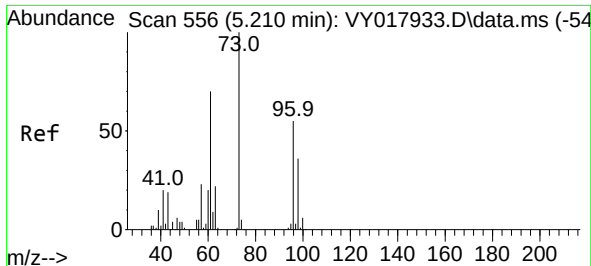
Tgt Ion: 73 Resp: 499140
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 48.07 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

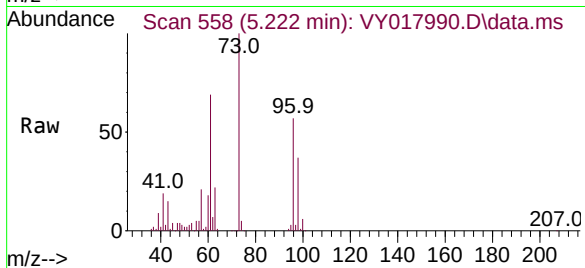
Tgt Ion: 84 Resp: 248055
Ion Ratio Lower Upper
84 100
49 109.3 84.4 126.6
51 35.6 26.0 39.0
86 65.3 49.5 74.3



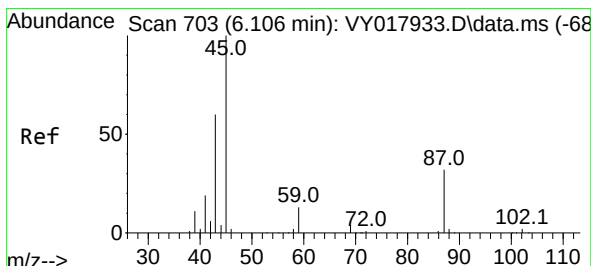
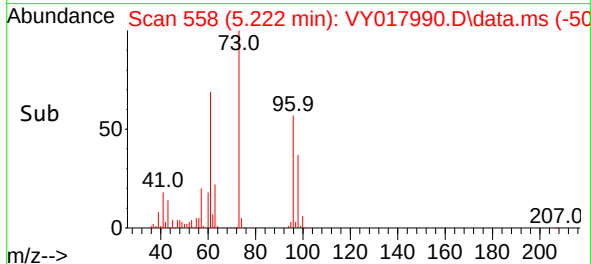
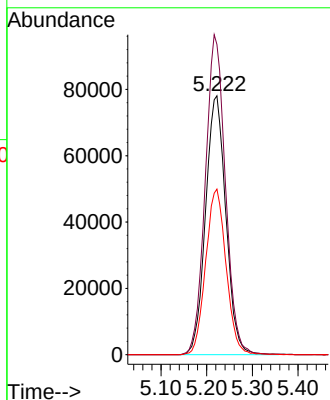


#21
trans-1,2-Dichloroethene
Concen: 48.98 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

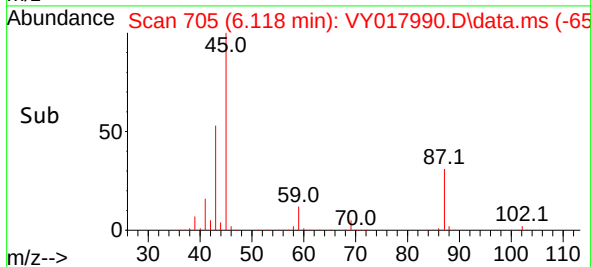
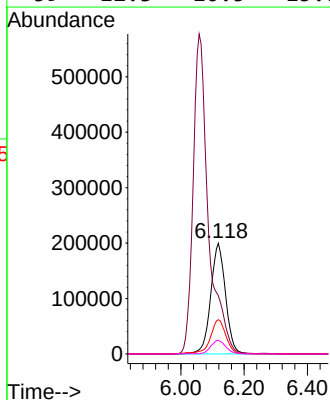
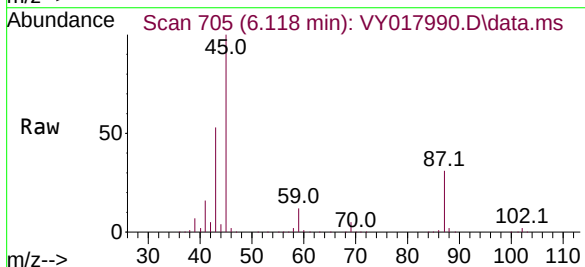


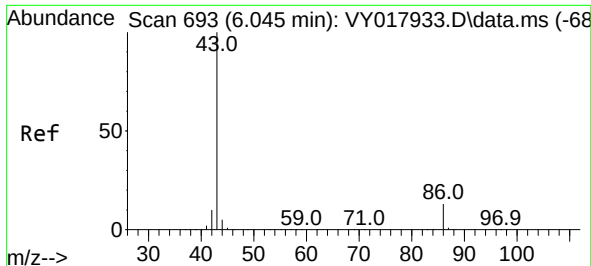
Tgt Ion: 96 Resp: 241287
Ion Ratio Lower Upper
96 100
61 119.8 97.5 146.3
98 64.0 50.5 75.7



#22
Diisopropyl ether
Concen: 50.94 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 45 Resp: 649885
Ion Ratio Lower Upper
45 100
43 52.4 42.2 63.2
87 30.9 25.0 37.6
59 12.3 10.5 15.7

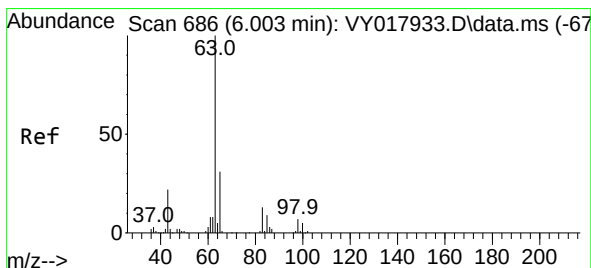
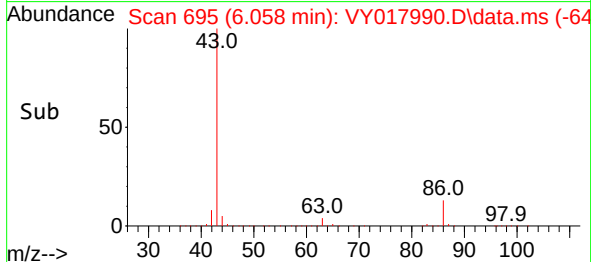
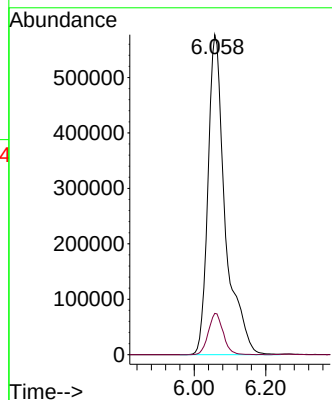
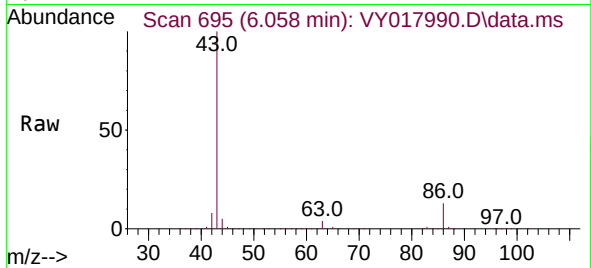




#23
 Vinyl Acetate
 Concen: 255.88 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY017990.D
 Acq: 19 Apr 2024 11:28

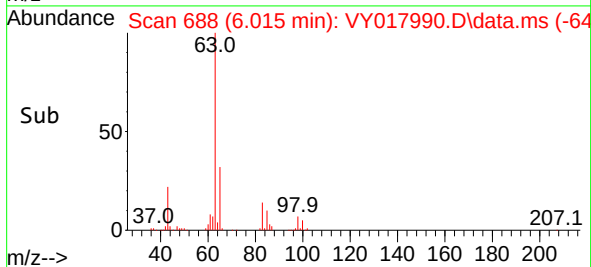
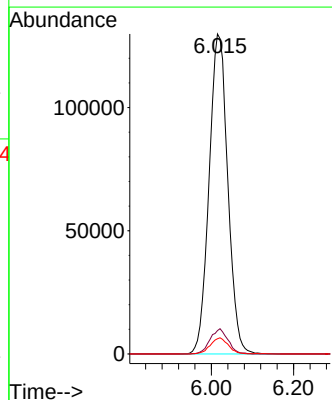
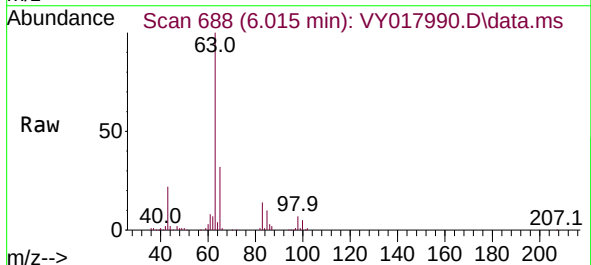
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

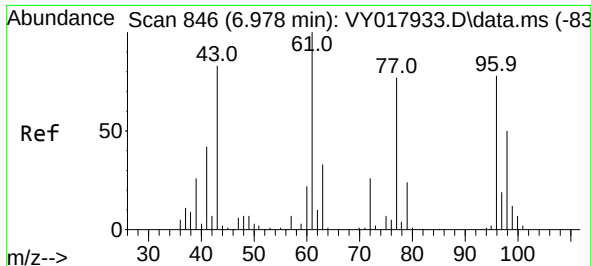
Tgt Ion: 43 Resp: 1935733
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 49.19 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY017990.D
 Acq: 19 Apr 2024 11:28

Tgt Ion: 63 Resp: 409742
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 12.2
 100 4.7 2.6 8.0





#25

2-Butanone

Concen: 254.18 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

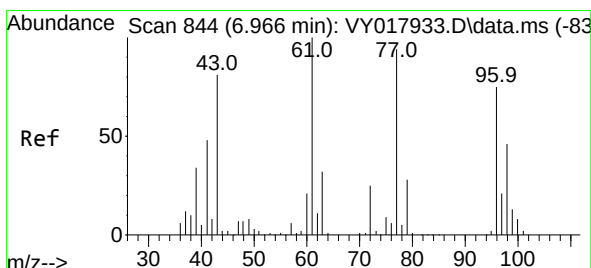
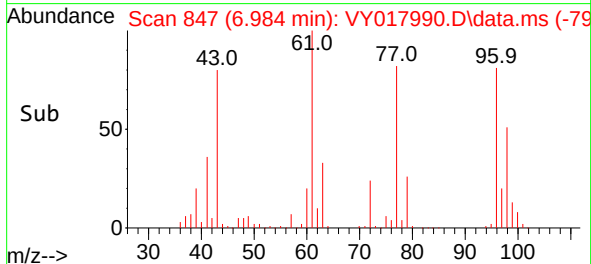
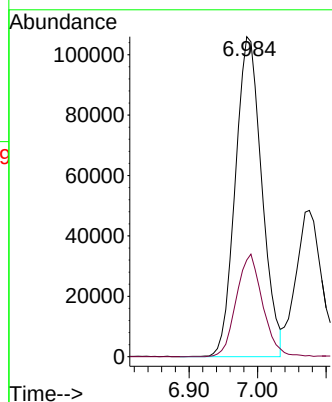
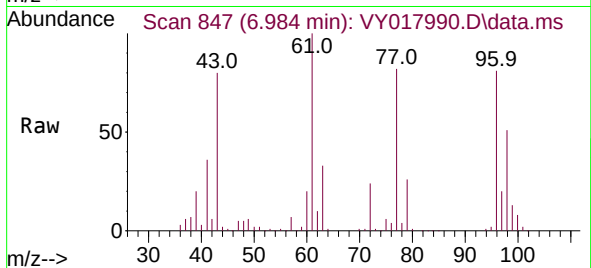
VSTDCCC050

Tgt Ion: 43 Resp: 284579

Ion Ratio Lower Upper

43 100

72 30.2 27.3 40.9



#26

2,2-Dichloropropane

Concen: 48.83 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017990.D

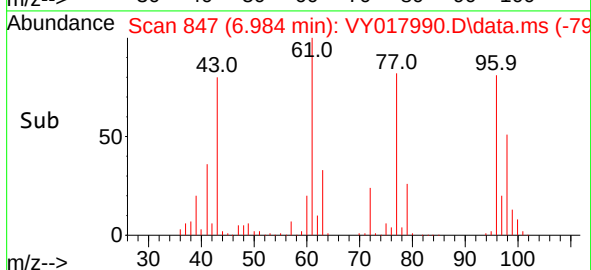
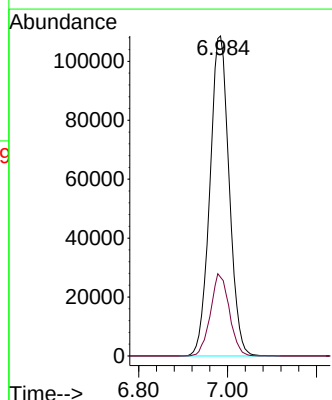
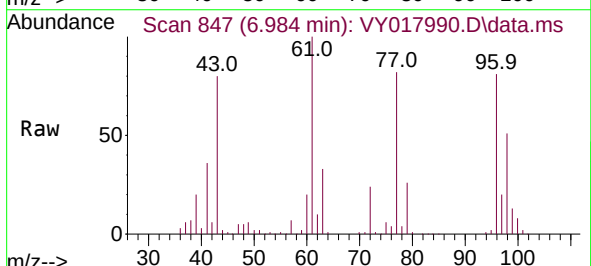
Acq: 19 Apr 2024 11:28

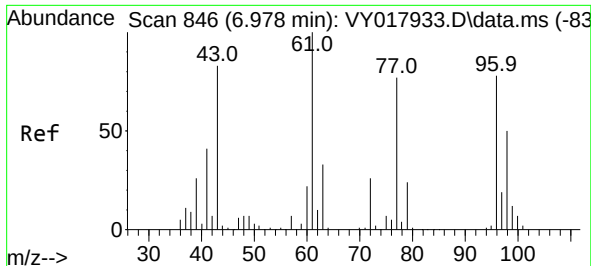
Tgt Ion: 77 Resp: 326287

Ion Ratio Lower Upper

77 100

97 25.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 50.76 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

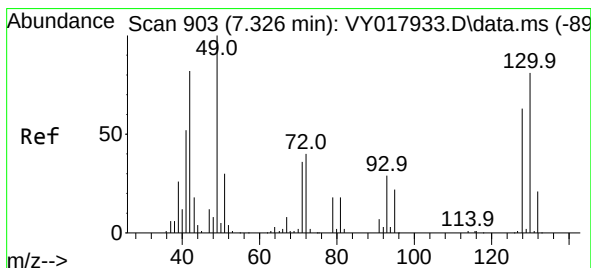
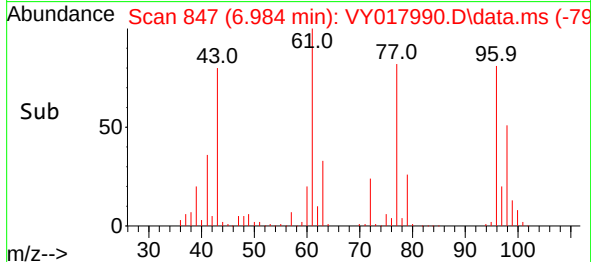
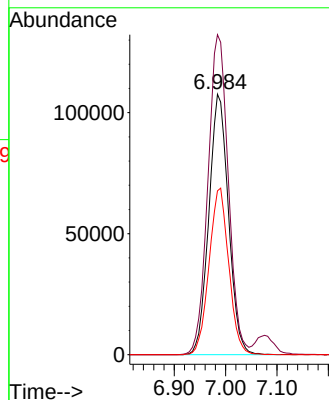
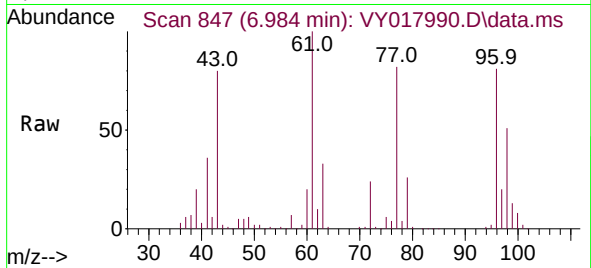
Tgt Ion: 96 Resp: 285570

Ion Ratio Lower Upper

96 100

61 127.6 0.0 256.2

98 64.1 0.0 130.0



#28

Bromochloromethane

Concen: 50.21 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

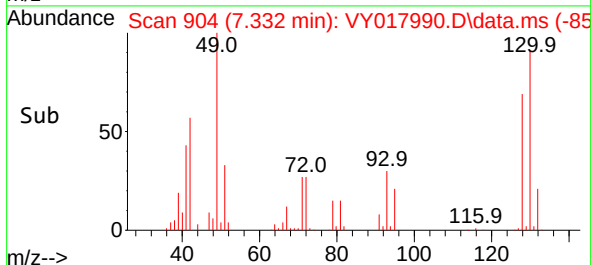
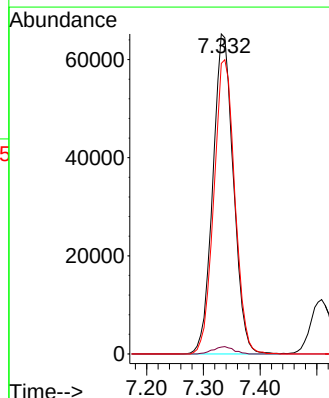
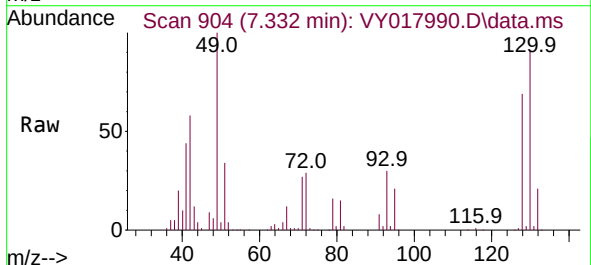
Tgt Ion: 49 Resp: 164511

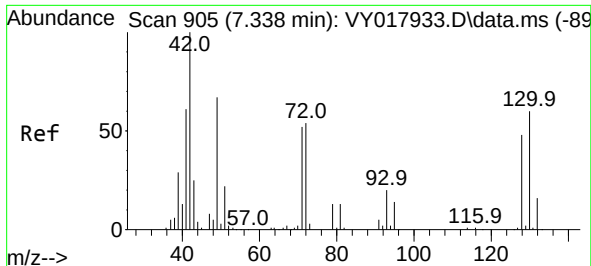
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 93.3 72.7 109.1





#29

Tetrahydrofuran

Concen: 250.73 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

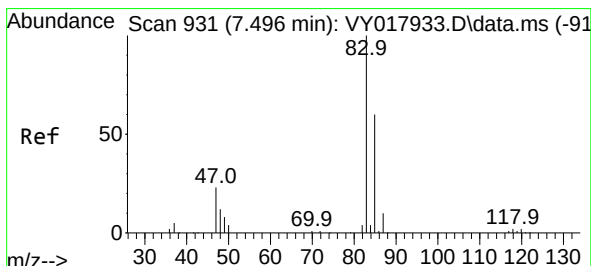
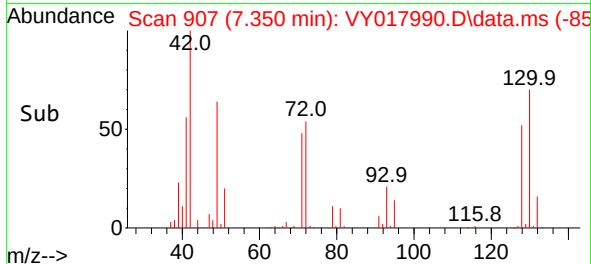
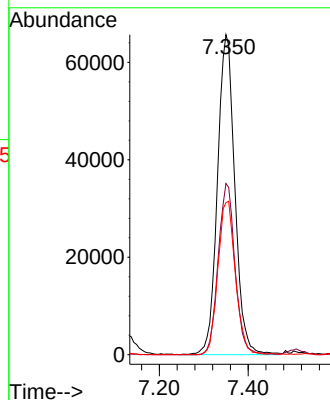
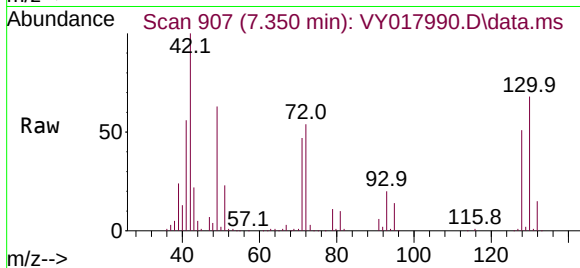
Tgt Ion: 42 Resp: 178141

Ion Ratio Lower Upper

42 100

72 51.7 43.0 64.4

71 48.0 40.8 61.2



#30

Chloroform

Concen: 48.63 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017990.D

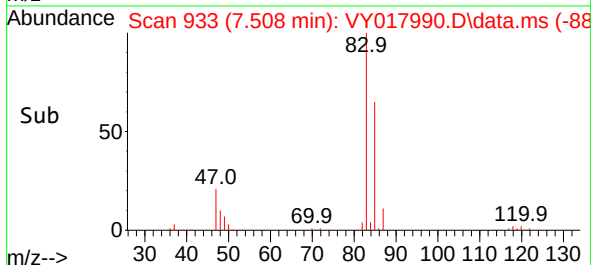
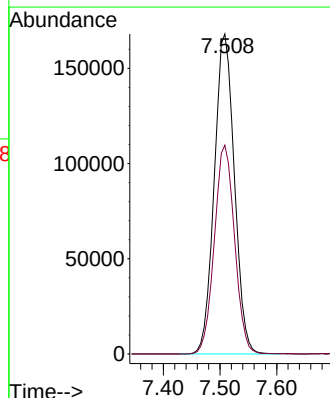
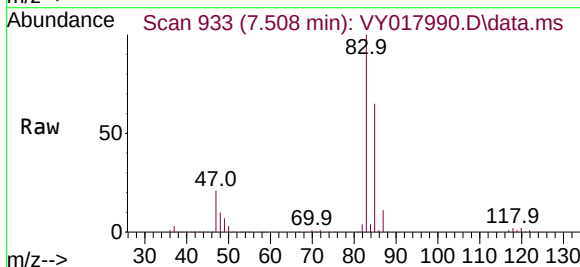
Acq: 19 Apr 2024 11:28

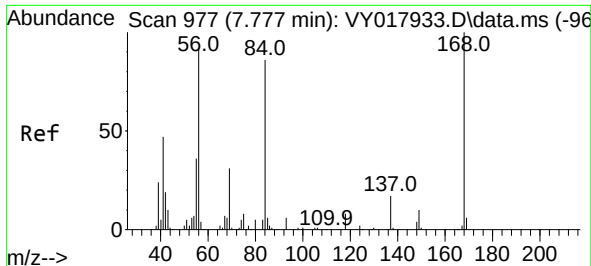
Tgt Ion: 83 Resp: 413956

Ion Ratio Lower Upper

83 100

85 65.2 52.2 78.4

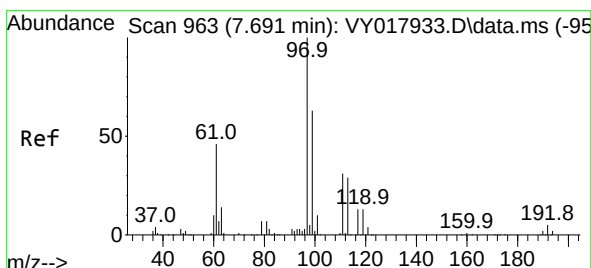
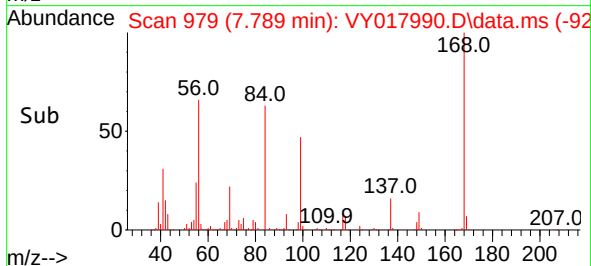
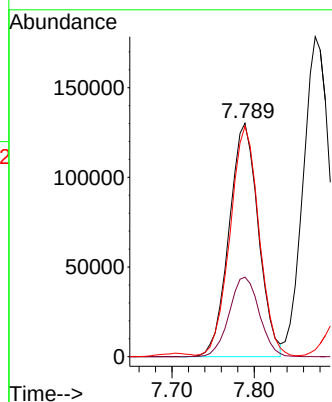
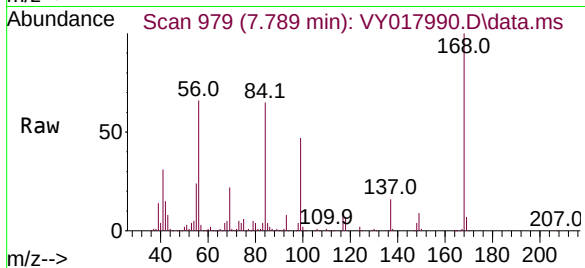




#31
Cyclohexane
Concen: 43.76 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

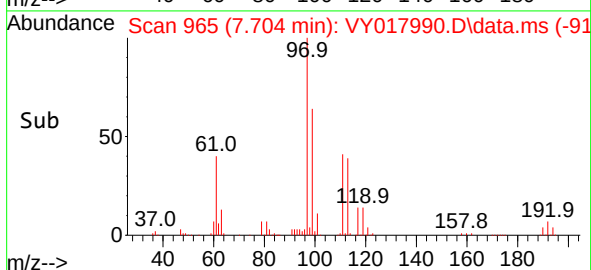
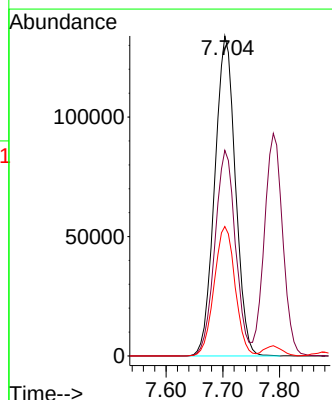
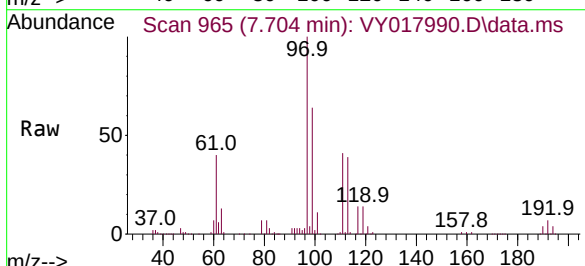
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

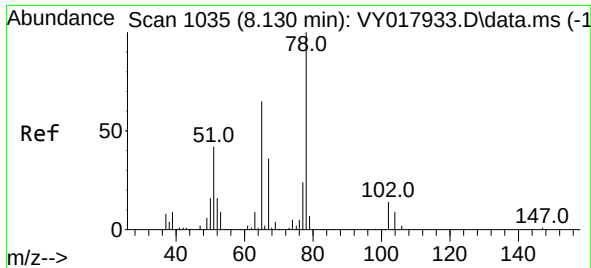
Tgt Ion: 56 Resp: 322431
Ion Ratio Lower Upper
56 100
69 34.1 28.7 43.1
84 97.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 47.87 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 97 Resp: 339415
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 41.0 32.6 48.8

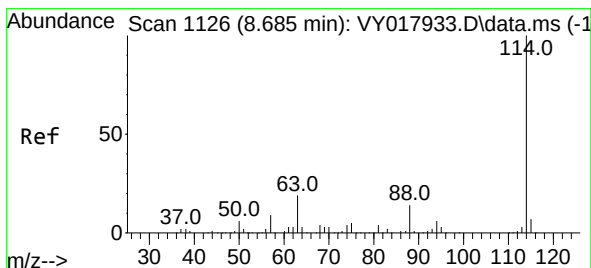
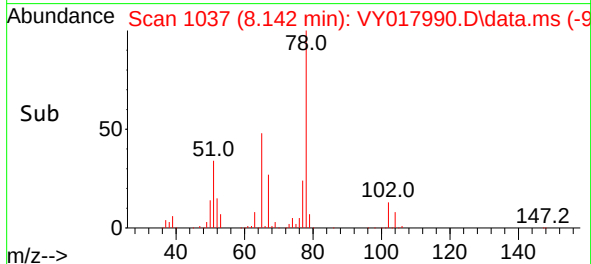
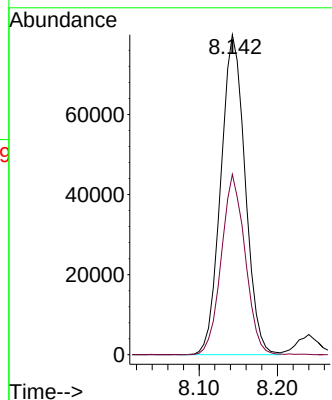
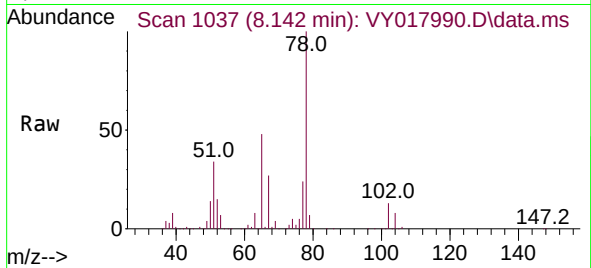




#33
1,2-Dichloroethane-d4
Concen: 44.79 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

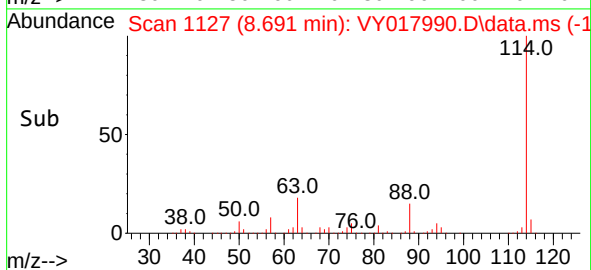
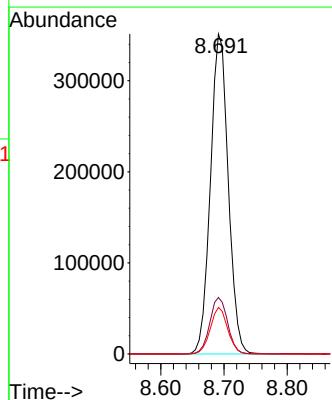
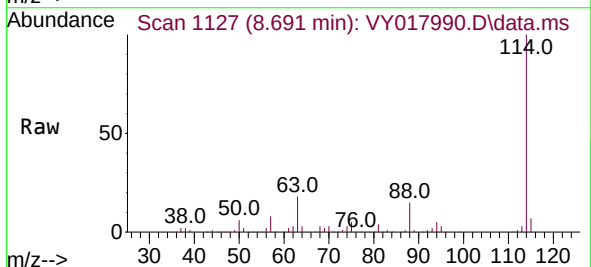
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

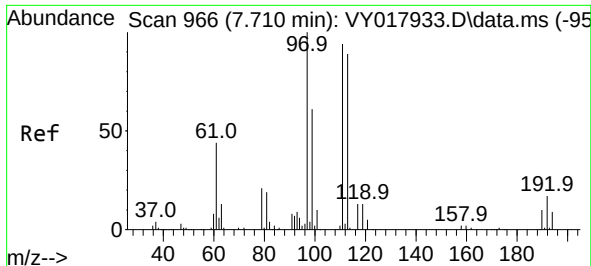
Tgt Ion: 65 Resp: 172658
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 114 Resp: 689055
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.0
88 14.5 0.0 27.2

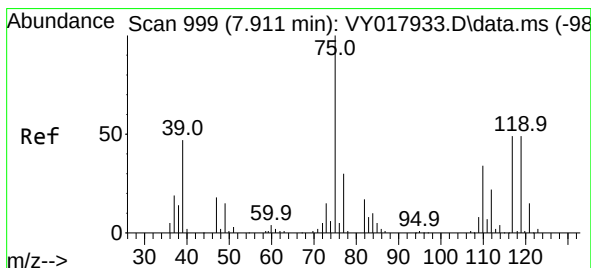
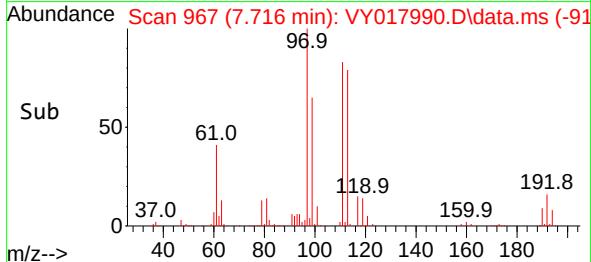
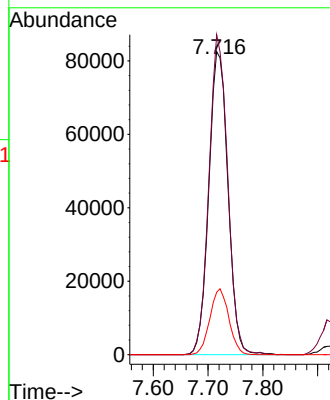
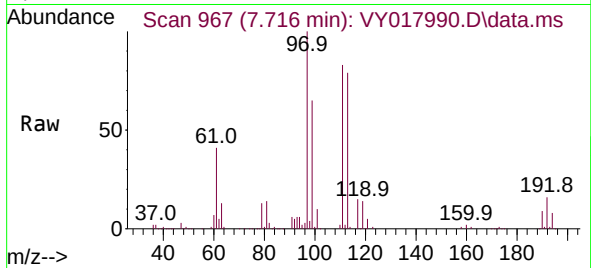




#35
Dibromofluoromethane
Concen: 47.13 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

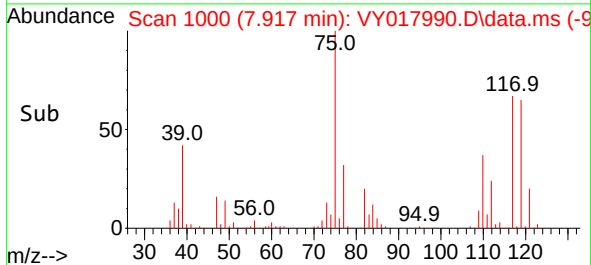
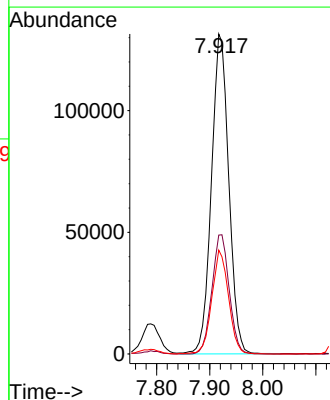
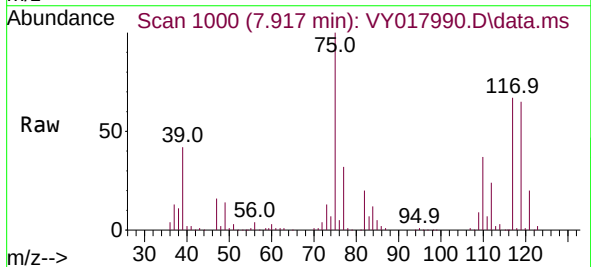
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

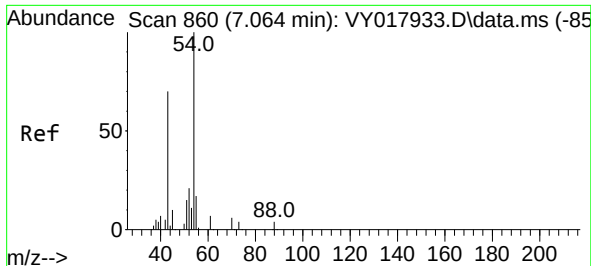
Tgt Ion:113 Resp: 200350
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 21.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 48.28 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 75 Resp: 298500
Ion Ratio Lower Upper
75 100
110 37.1 19.0 57.0
77 31.3 25.3 37.9

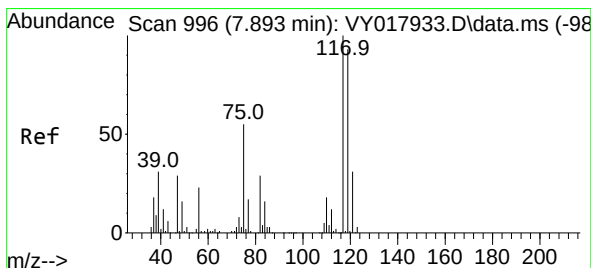
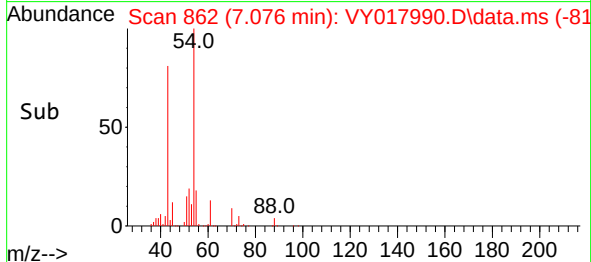
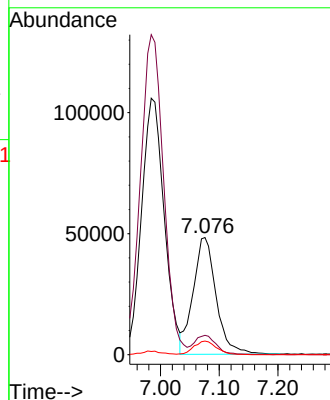
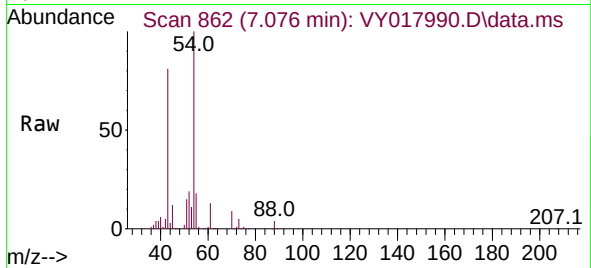




#37
Ethyl Acetate
Concen: 51.66 ug/l
RT: 7.076 min Scan# 860
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

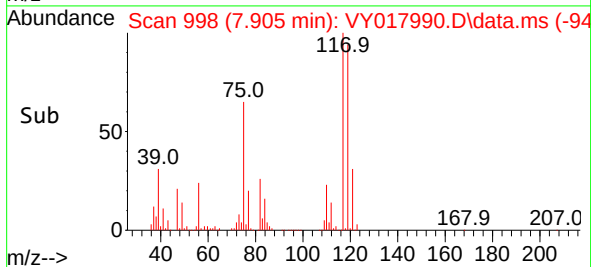
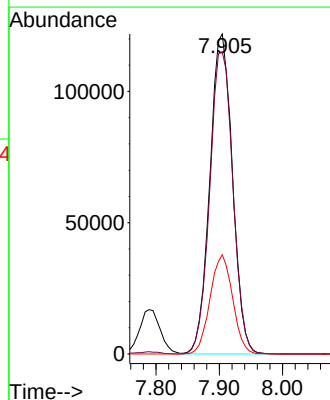
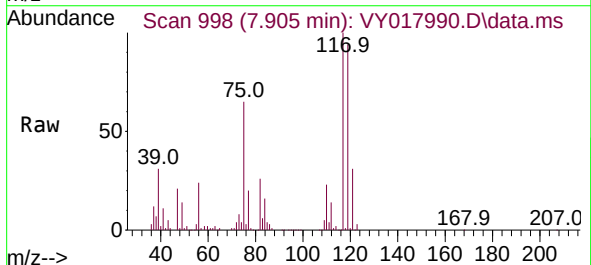
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

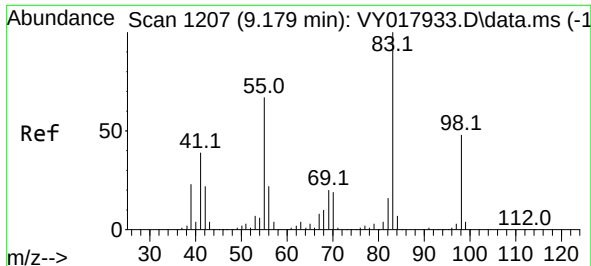
Tgt Ion: 43 Resp: 131402
Ion Ratio Lower Upper
43 100
61 15.4 12.6 19.0
70 11.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 48.47 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 117 Resp: 302760
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.6
121 31.0 24.0 36.0





#39

Methylcyclohexane

Concen: 47.85 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

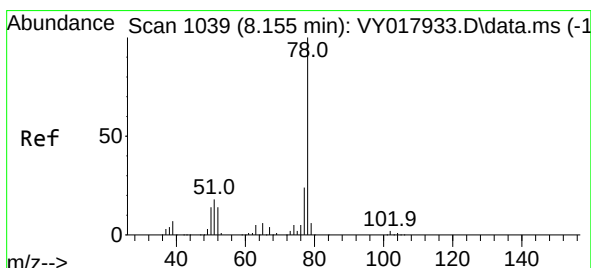
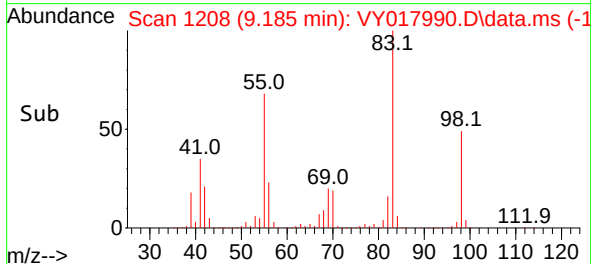
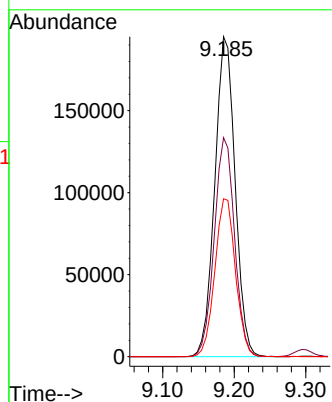
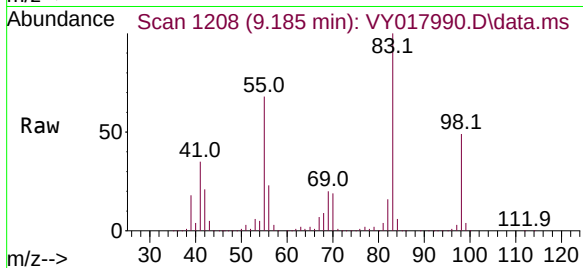
Tgt Ion: 83 Resp: 385488

Ion Ratio Lower Upper

83 100

55 68.4 51.5 77.3

98 49.3 40.5 60.7



#40

Benzene

Concen: 50.17 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017990.D

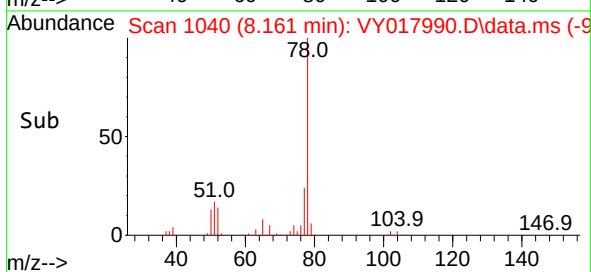
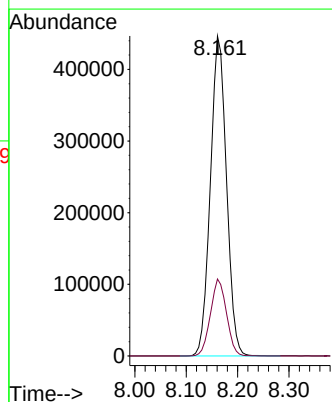
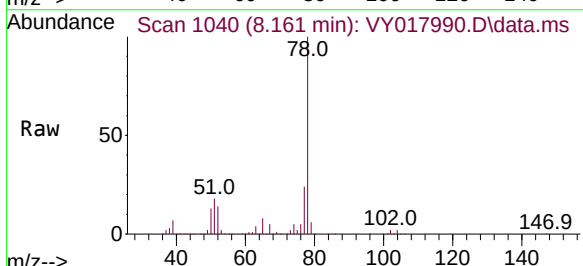
Acq: 19 Apr 2024 11:28

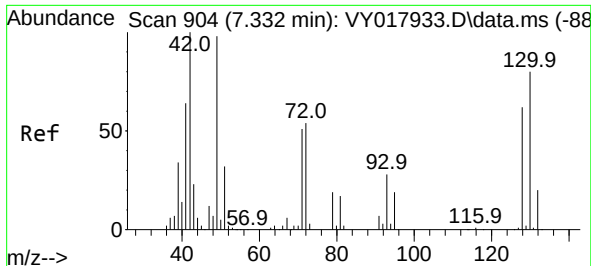
Tgt Ion: 78 Resp: 971531

Ion Ratio Lower Upper

78 100

77 24.1 19.5 29.3



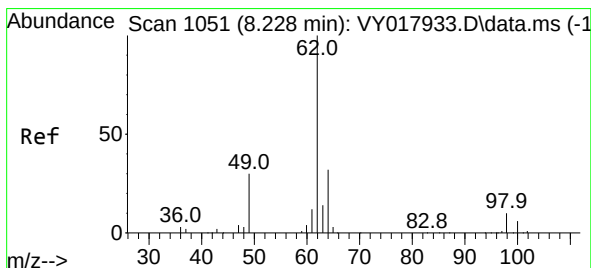
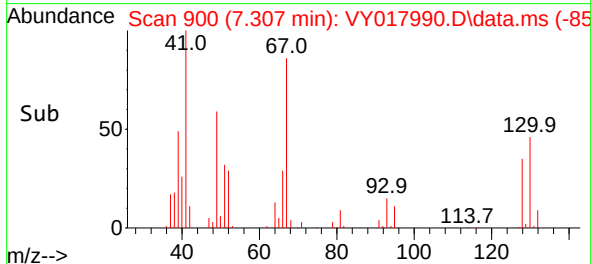
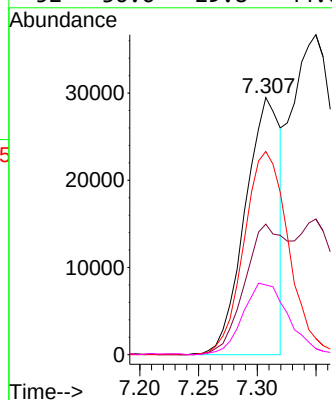
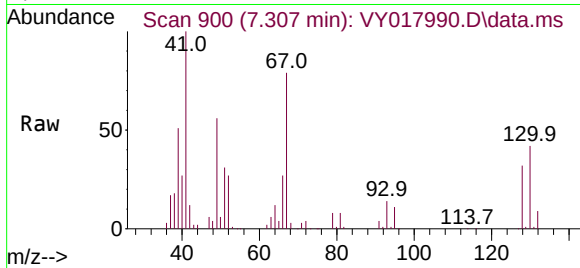


#41
Methacrylonitrile
Concen: 38.19 ug/l
RT: 7.307 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 61290

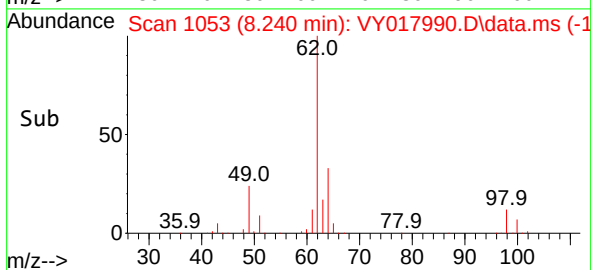
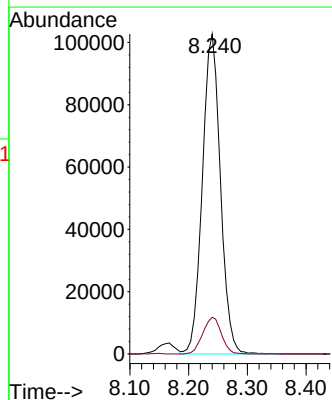
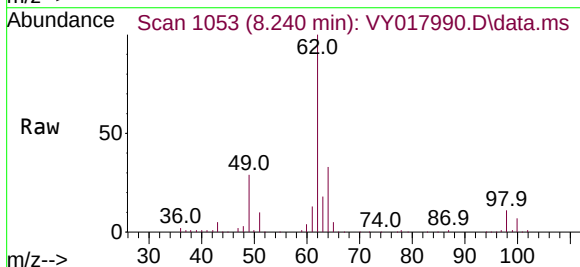
Ion	Ratio	Lower	Upper
41	100		
39	59.2	48.0	72.0
67	100.6	75.1	112.7
52	36.6	29.8	44.6

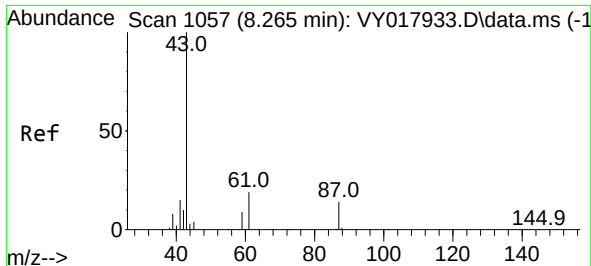


#42
1,2-Dichloroethane
Concen: 49.49 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 62 Resp: 219582

Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	22.0





#43

Isopropyl Acetate

Concen: 49.95 ug/l

RT: 8.277 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

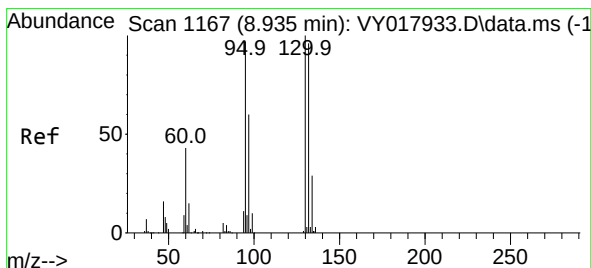
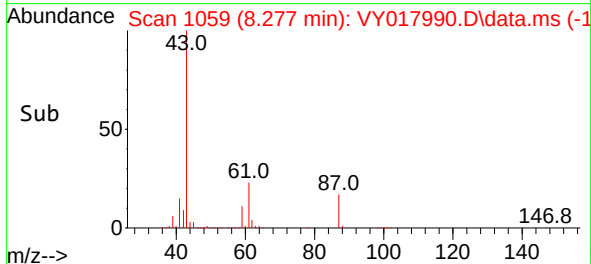
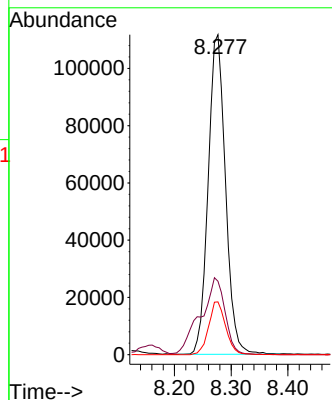
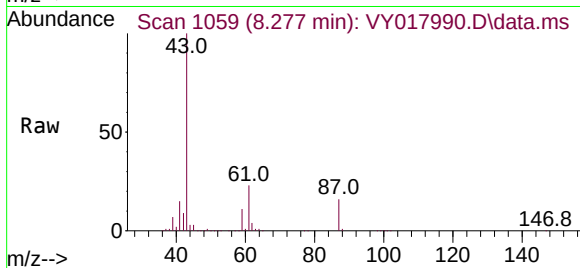
Tgt Ion: 43 Resp: 236851

Ion Ratio Lower Upper

43 100

61 34.2 27.9 41.9

87 16.3 13.1 19.7



#44

Trichloroethene

Concen: 51.11 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY017990.D

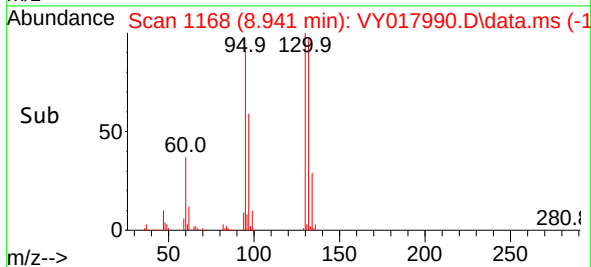
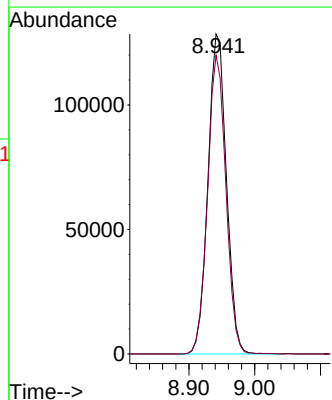
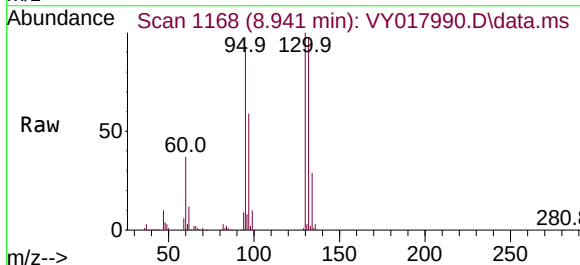
Acq: 19 Apr 2024 11:28

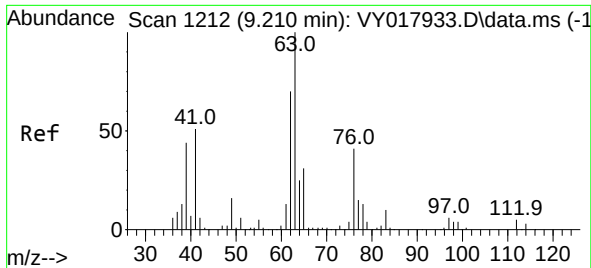
Tgt Ion:130 Resp: 251487

Ion Ratio Lower Upper

130 100

95 93.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 50.03 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

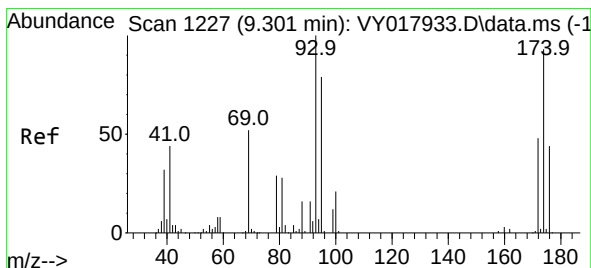
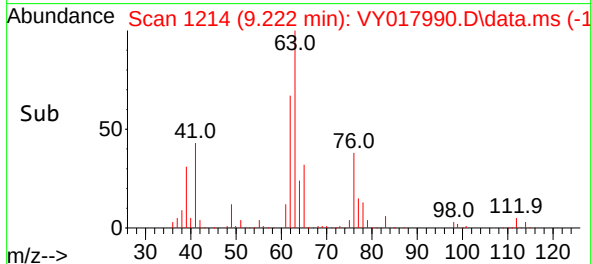
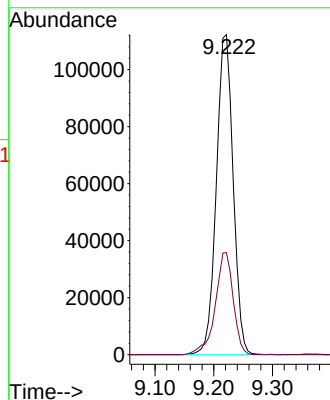
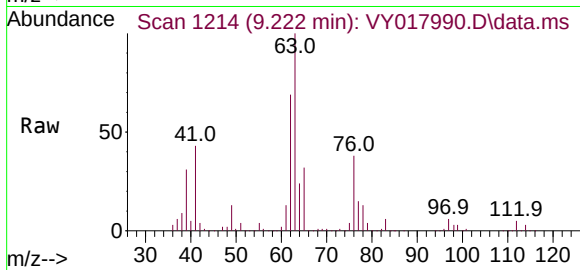
VSTDCCC050

Tgt Ion: 63 Resp: 222999

Ion Ratio Lower Upper

63 100

65 31.9 25.4 38.2



#46

Dibromomethane

Concen: 50.14 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

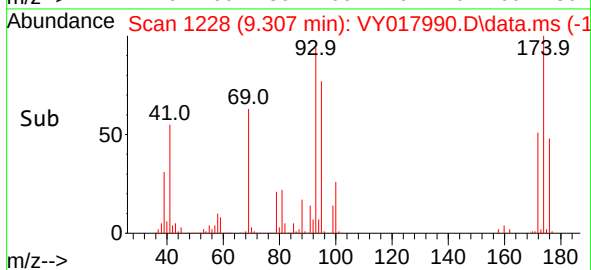
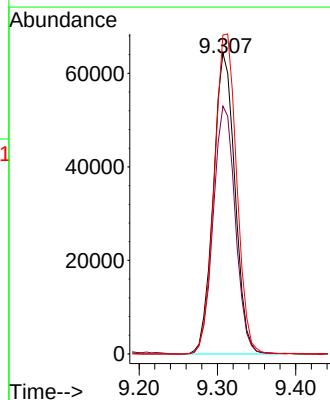
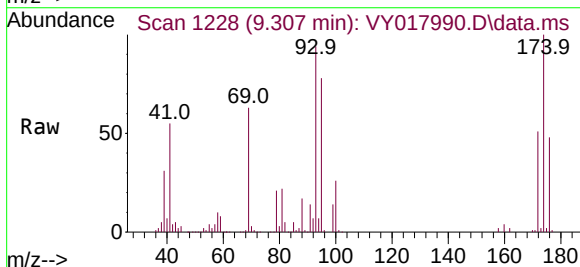
Tgt Ion: 93 Resp: 123636

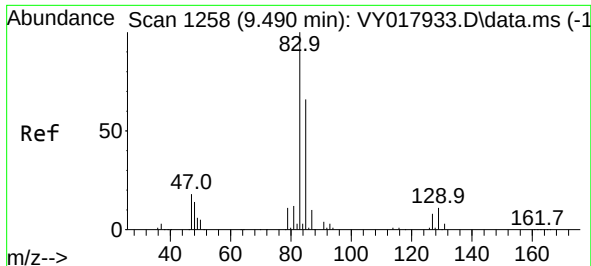
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.4

174 109.8 80.9 121.3

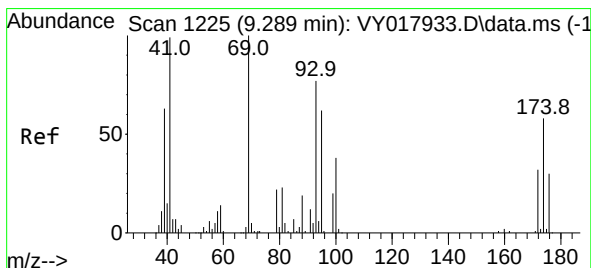
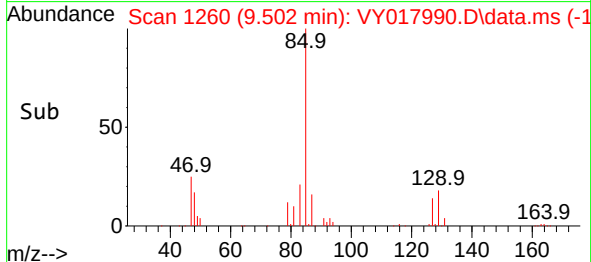
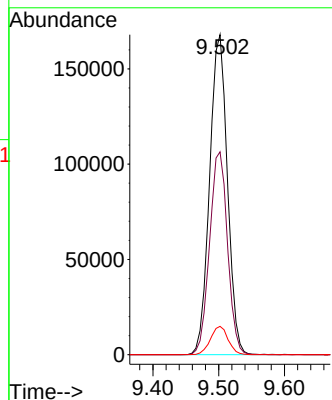
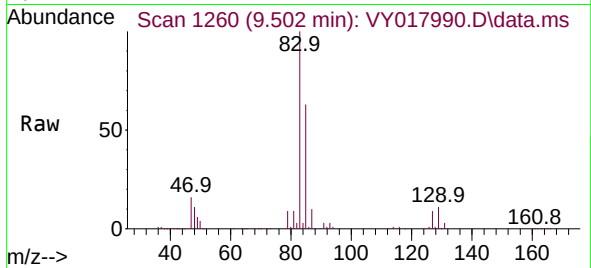




#47
Bromodichloromethane
Concen: 51.10 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

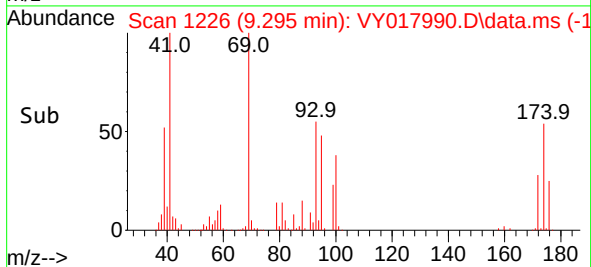
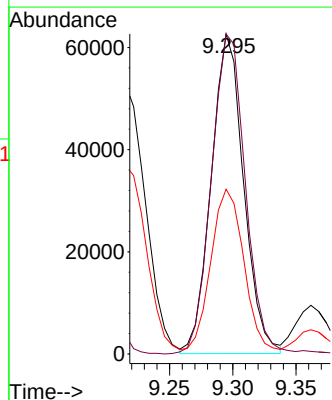
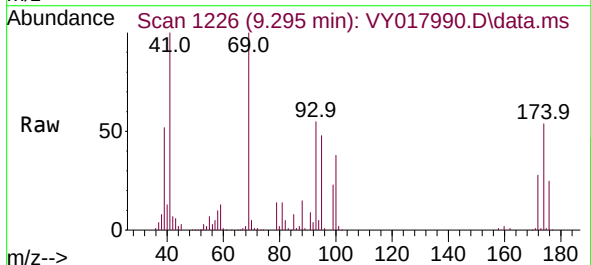
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

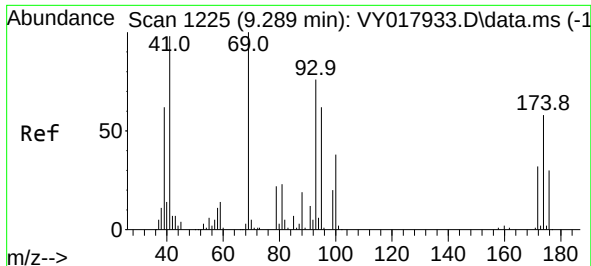
Tgt Ion: 83 Resp: 316123
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1
127 8.8 7.4 11.0



#48
Methyl methacrylate
Concen: 51.36 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 41 Resp: 111581
Ion Ratio Lower Upper
41 100
69 105.2 84.1 126.1
39 50.5 43.6 65.4





#49

1,4-Dioxane

Concen: 960.48 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

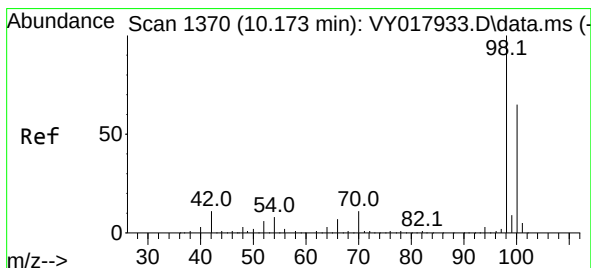
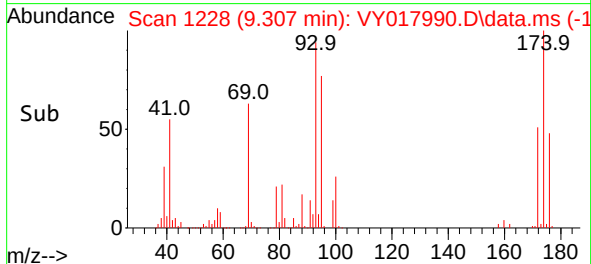
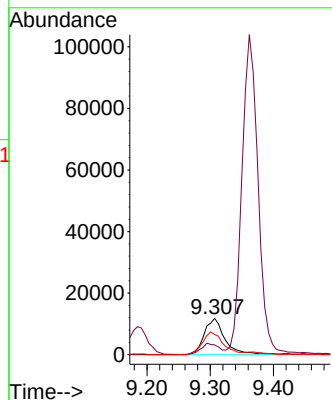
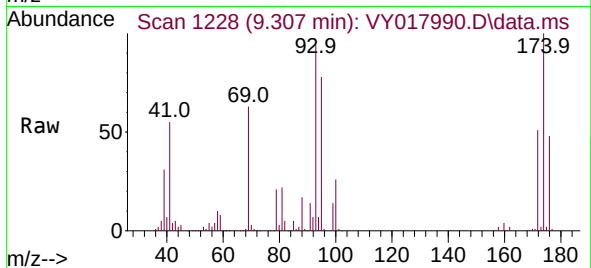
Tgt Ion: 88 Resp: 27036

Ion Ratio Lower Upper

88 100

43 25.2 0.0 0.0#

58 61.8 49.3 73.9



#50

Toluene-d8

Concen: 48.10 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY017990.D

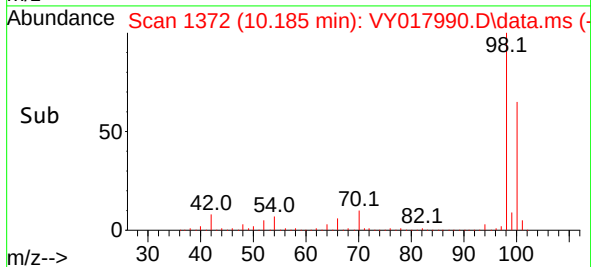
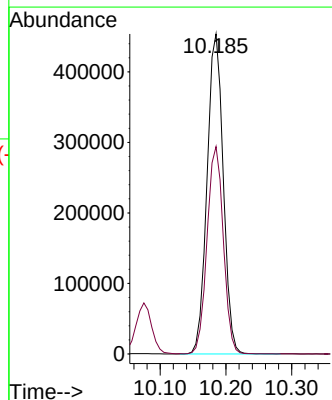
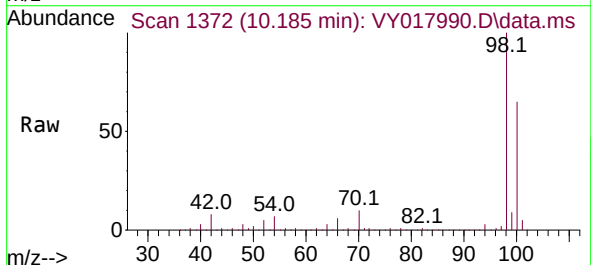
Acq: 19 Apr 2024 11:28

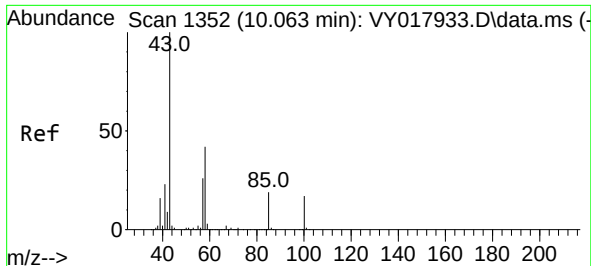
Tgt Ion: 98 Resp: 775869

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 257.49 ug/l

RT: 10.075 min Scan# 1352

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

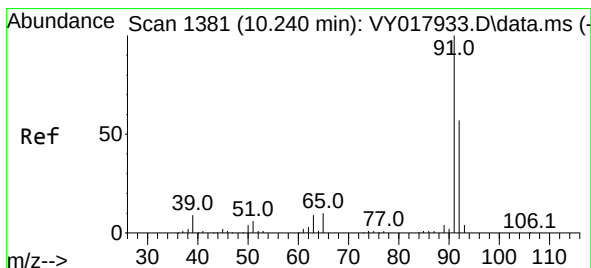
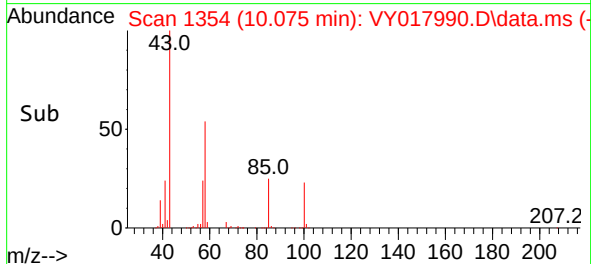
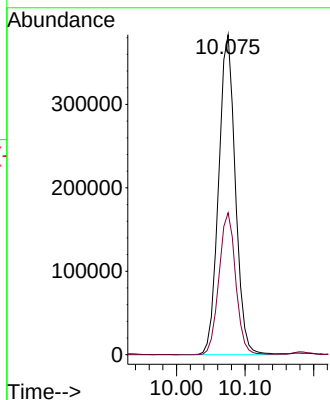
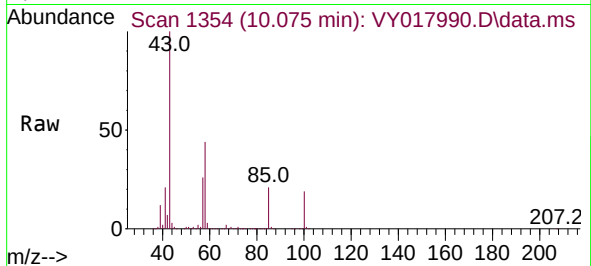
VSTDCCC050

Tgt Ion: 43 Resp: 647196

Ion Ratio Lower Upper

43 100

58 44.5 35.7 53.5



#52

Toluene

Concen: 51.30 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY017990.D

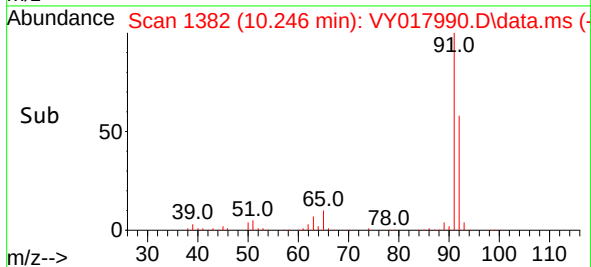
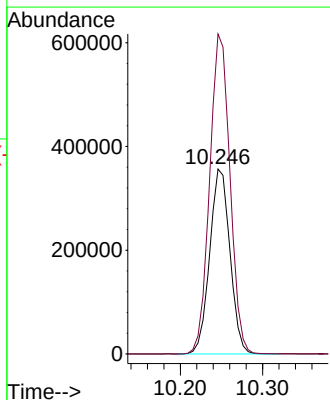
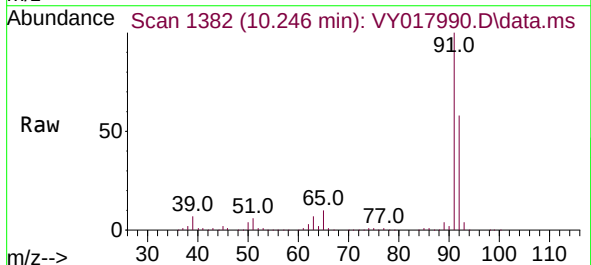
Acq: 19 Apr 2024 11:28

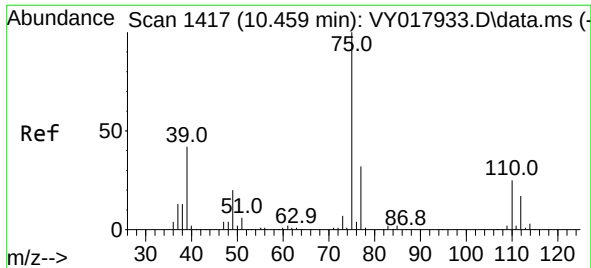
Tgt Ion: 92 Resp: 609608

Ion Ratio Lower Upper

92 100

91 173.7 139.0 208.6

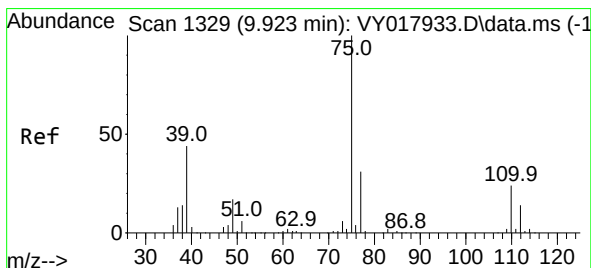
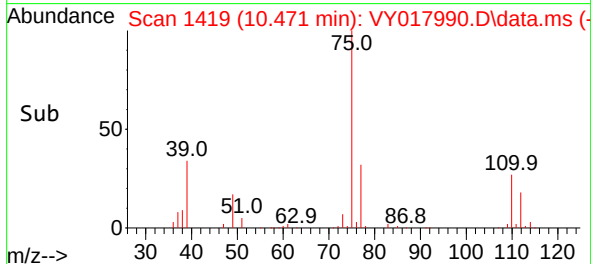
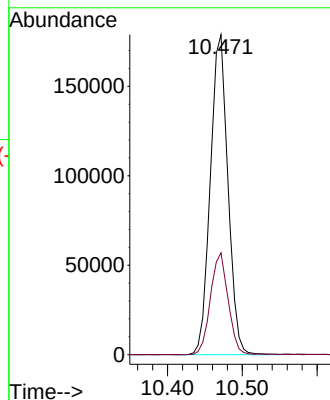
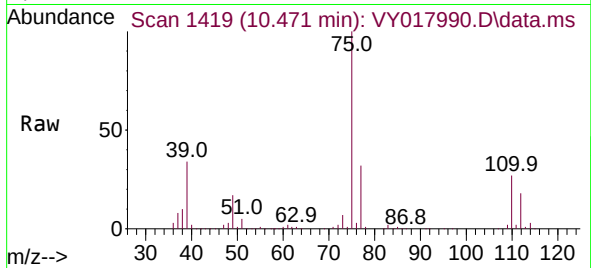




#53
 t-1,3-Dichloropropene
 Concen: 51.80 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY017990.D
 Acq: 19 Apr 2024 11:28

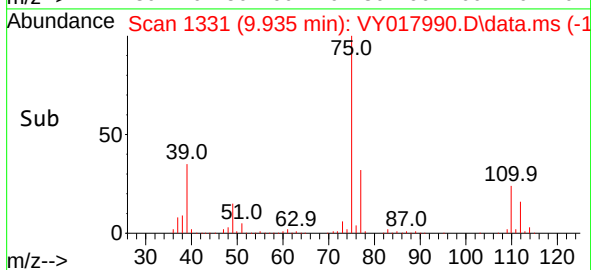
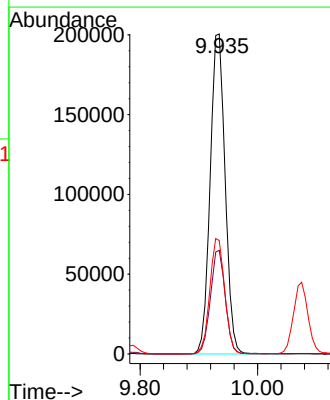
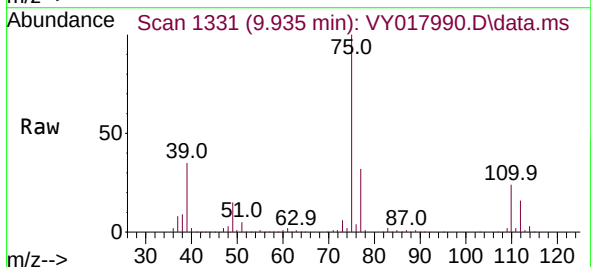
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

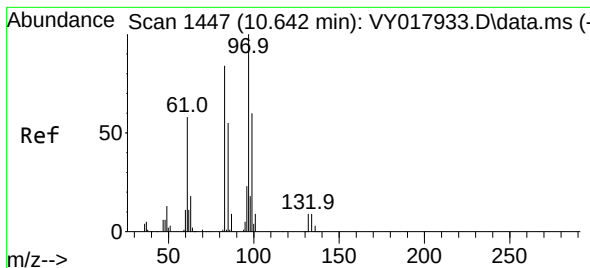
Tgt Ion: 75 Resp: 292555
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 51.16 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY017990.D
 Acq: 19 Apr 2024 11:28

Tgt Ion: 75 Resp: 354908
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0
 39 35.4 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 49.97 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 167487

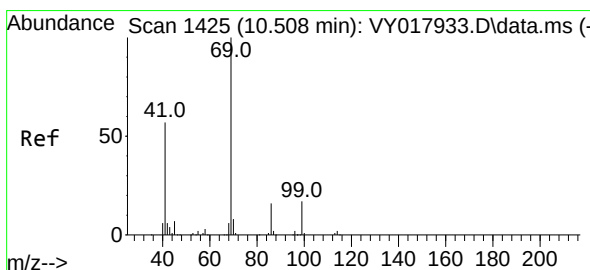
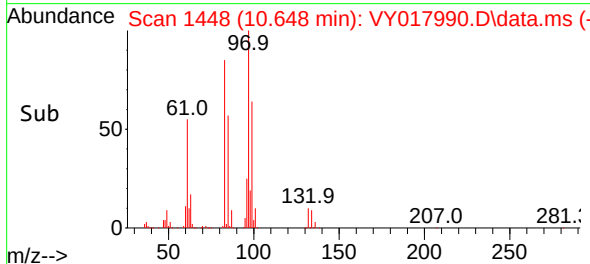
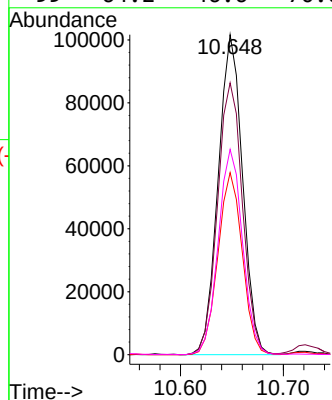
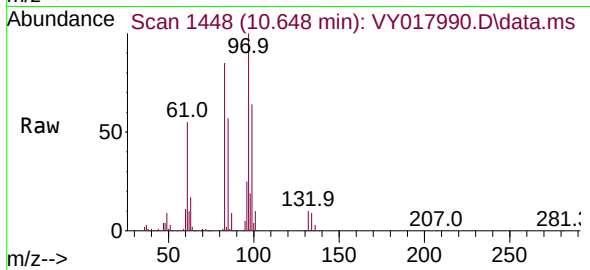
Ion Ratio Lower Upper

97 100

83 85.0 67.5 101.3

85 56.9 42.9 64.3

99 64.2 46.6 70.0



#56

Ethyl methacrylate

Concen: 52.78 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

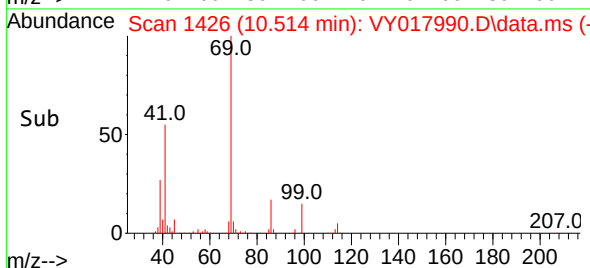
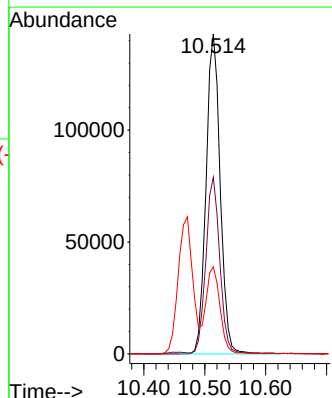
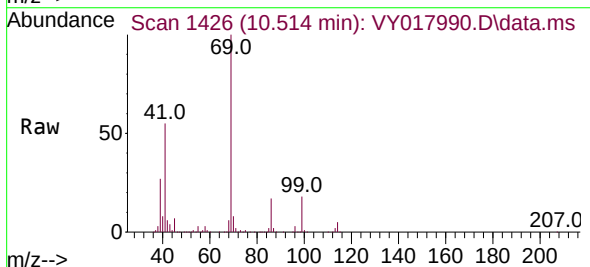
Tgt Ion: 69 Resp: 230638

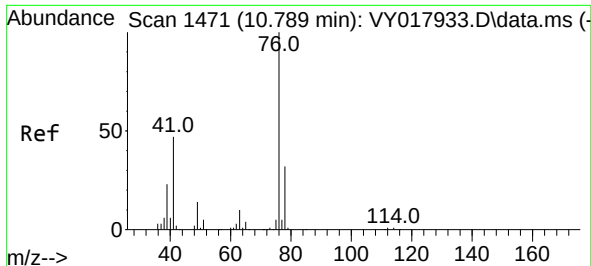
Ion Ratio Lower Upper

69 100

41 53.8 42.3 63.5

39 27.7 22.9 34.3





#57

1,3-Dichloropropane

Concen: 50.90 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

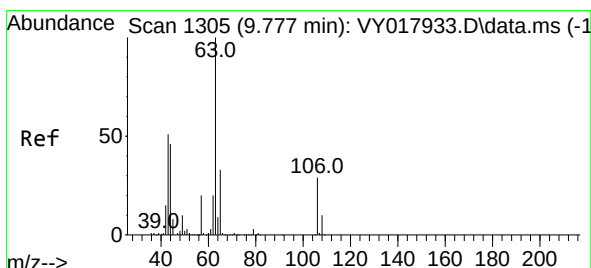
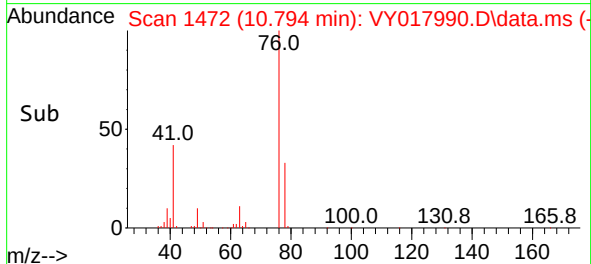
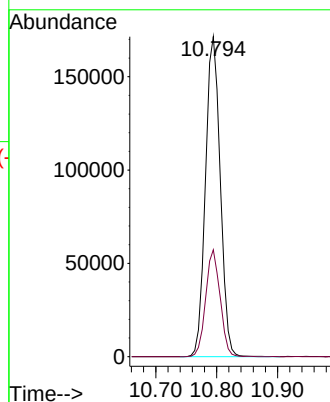
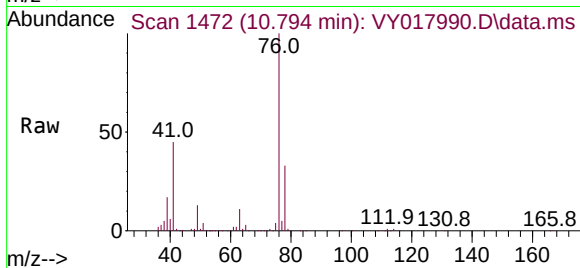
VSTDCCC050

Tgt Ion: 76 Resp: 288904

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 256.72 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY017990.D

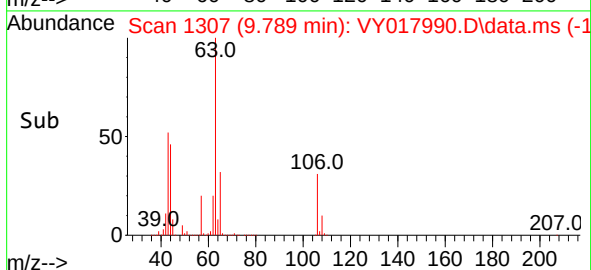
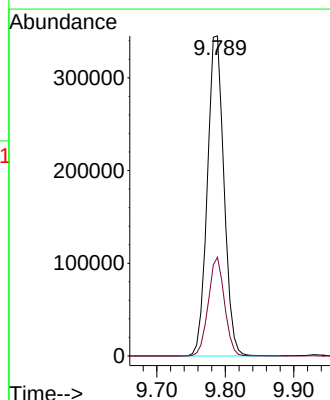
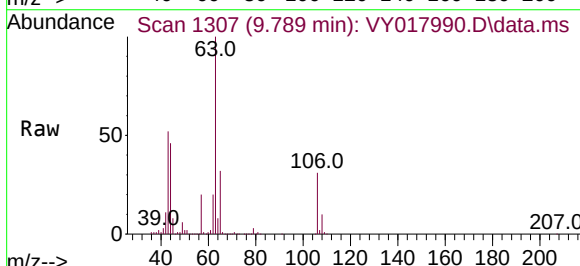
Acq: 19 Apr 2024 11:28

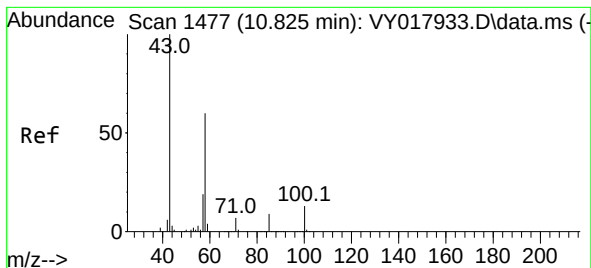
Tgt Ion: 63 Resp: 583103

Ion Ratio Lower Upper

63 100

106 30.0 23.7 35.5

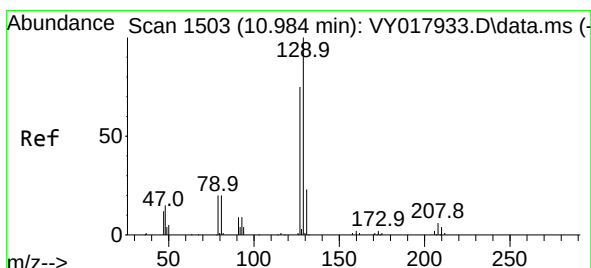
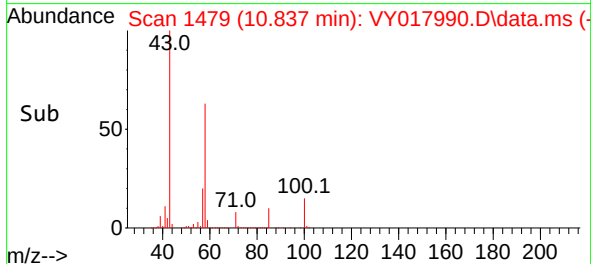
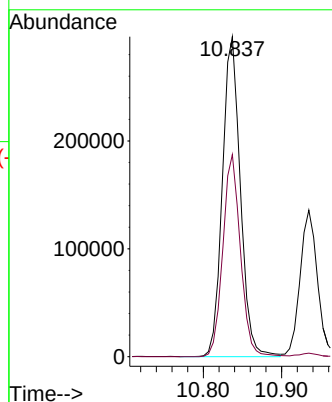
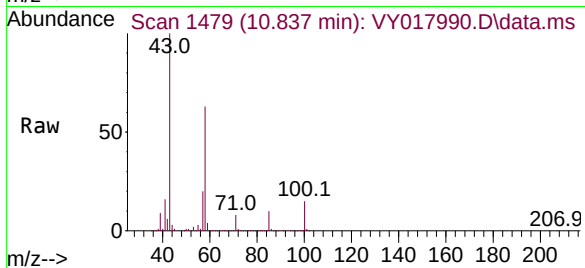




#59
2-Hexanone
Concen: 275.94 ug/l
RT: 10.837 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

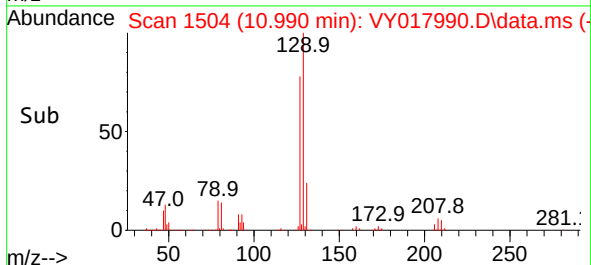
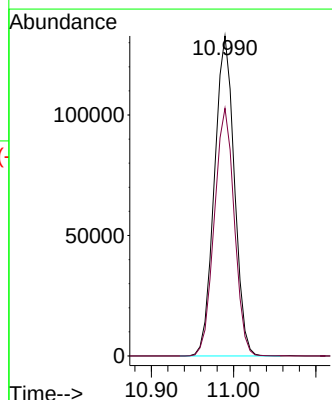
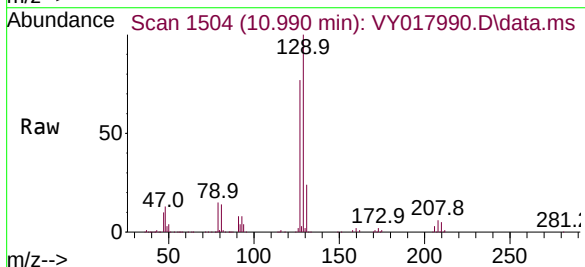
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

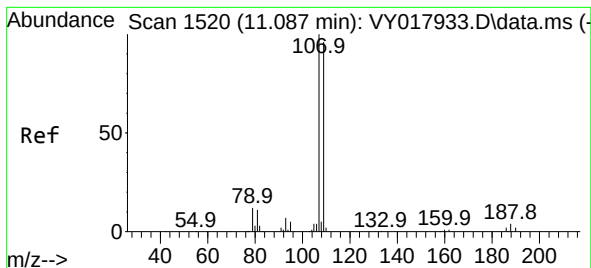
Tgt Ion: 43 Resp: 473459
Ion Ratio Lower Upper
43 100
58 61.9 31.4 94.0



#60
Dibromochloromethane
Concen: 51.94 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 129 Resp: 223749
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 51.29 ug/l

RT: 11.093 min Scan# 1521

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

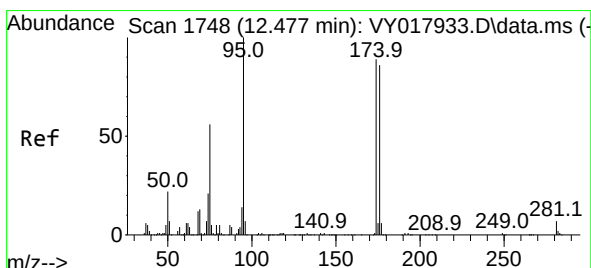
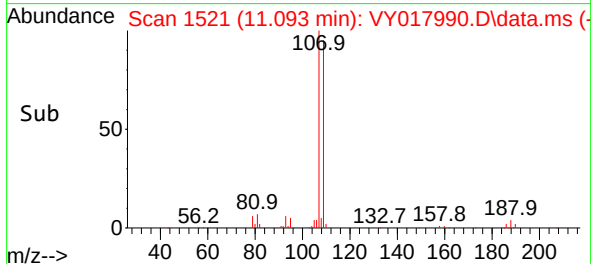
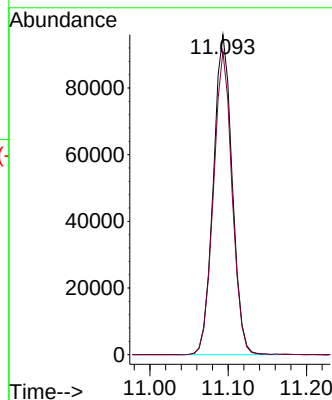
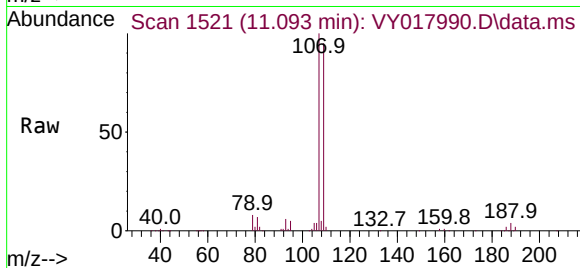
VSTDCCC050

Tgt Ion:107 Resp: 160203

Ion Ratio Lower Upper

107 100

109 93.6 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 48.11 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

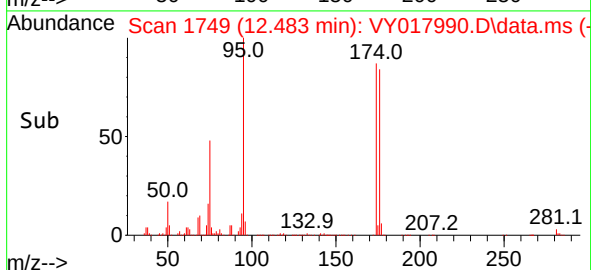
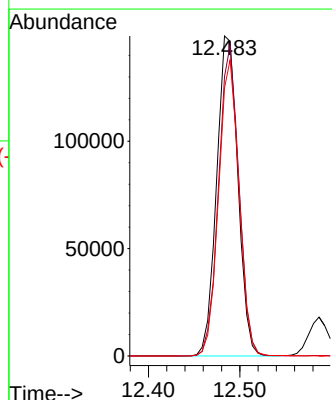
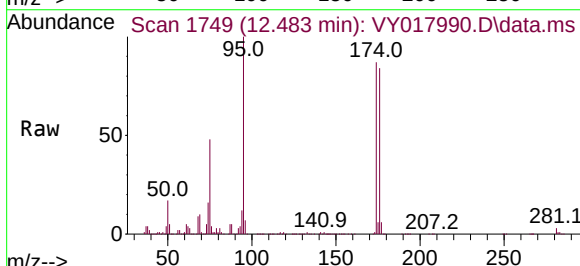
Tgt Ion: 95 Resp: 240363

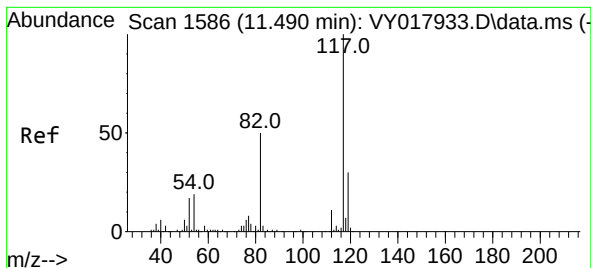
Ion Ratio Lower Upper

95 100

174 92.9 0.0 175.6

176 89.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

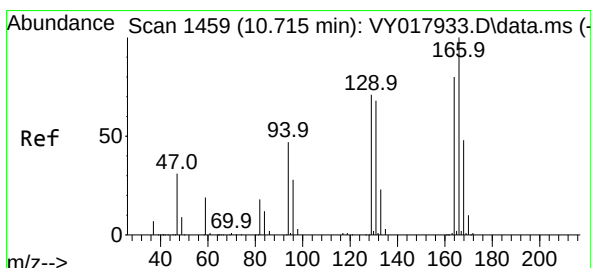
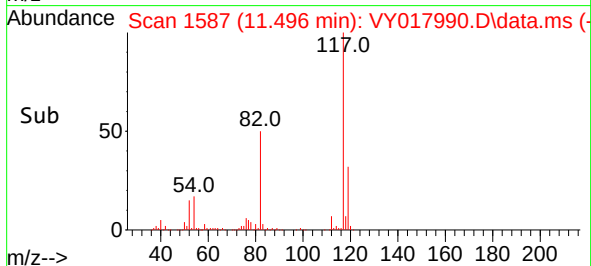
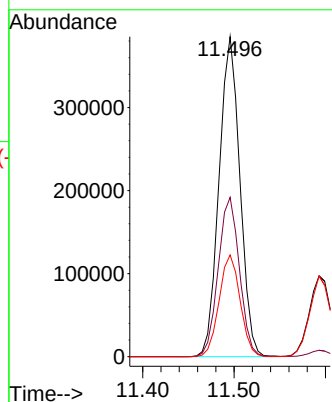
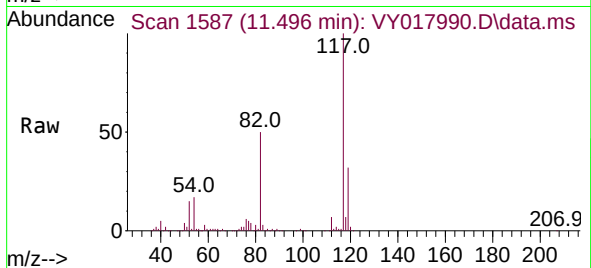
Tgt Ion:117 Resp: 612154

Ion Ratio Lower Upper

117 100

82 49.8 42.4 63.6

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 49.49 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Tgt Ion:164 Resp: 217015

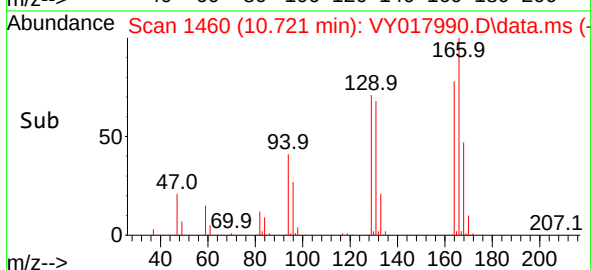
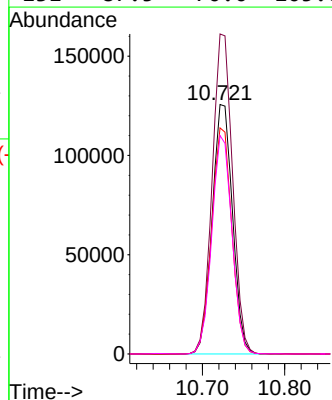
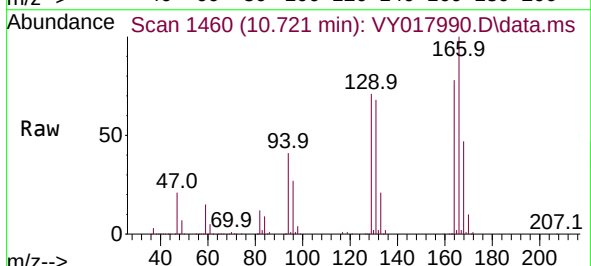
Ion Ratio Lower Upper

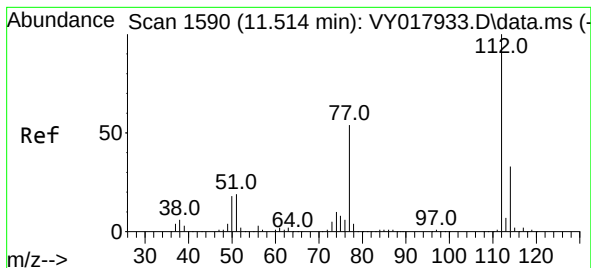
164 100

166 128.3 102.6 154.0

129 90.6 72.0 108.0

131 87.5 70.0 105.0

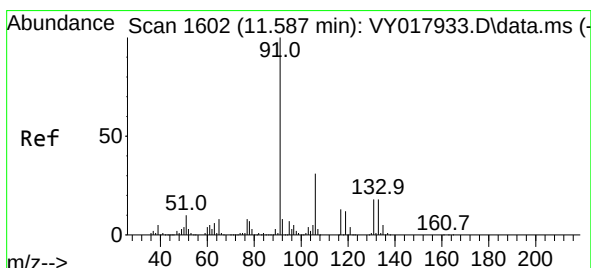
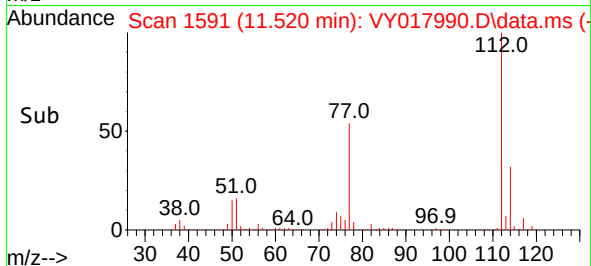
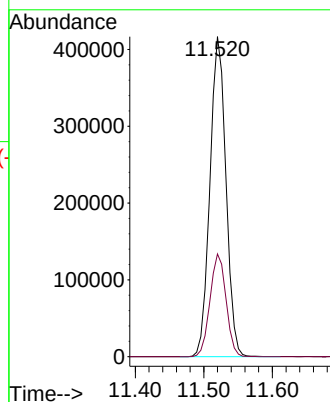
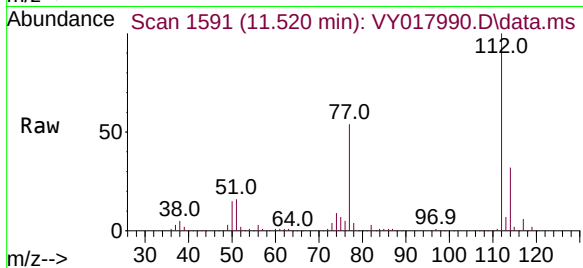




#65
Chlorobenzene
Concen: 50.52 ug/l
RT: 11.520 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

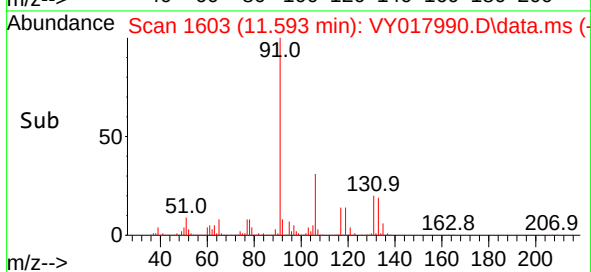
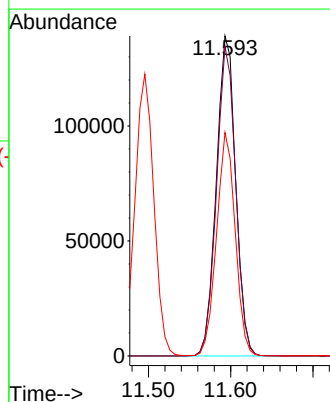
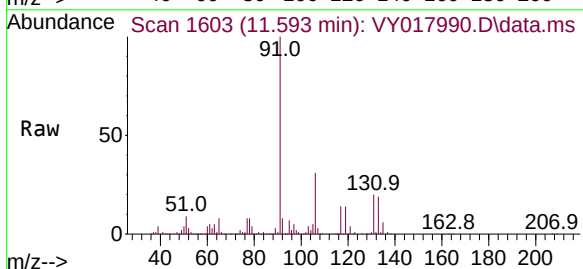
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

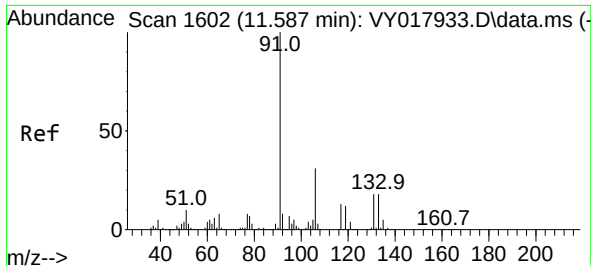
Tgt Ion:112 Resp: 677771
Ion Ratio Lower Upper
112 100
114 32.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.38 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion:131 Resp: 227293
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.3
119 67.6 34.1 102.2





#67

Ethyl Benzene

Concen: 50.95 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

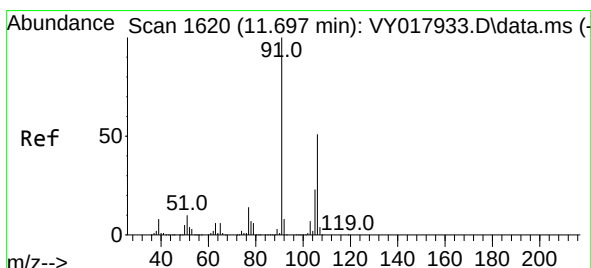
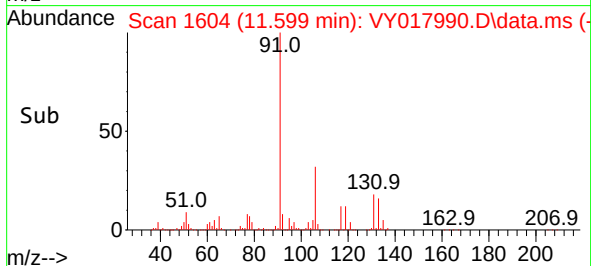
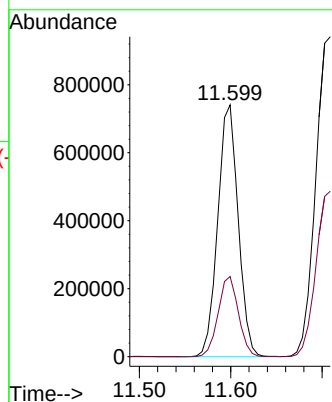
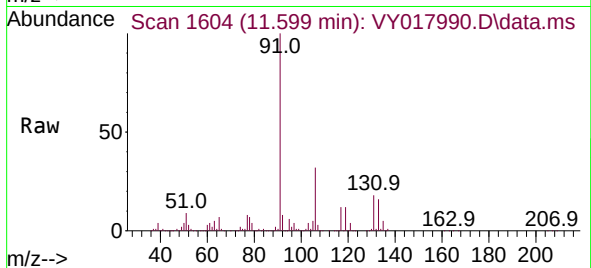
VSTDCCC050

Tgt Ion: 91 Resp: 1150927

Ion Ratio Lower Upper

91 100

106 31.8 24.5 36.7



#68

m/p-Xylenes

Concen: 103.09 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY017990.D

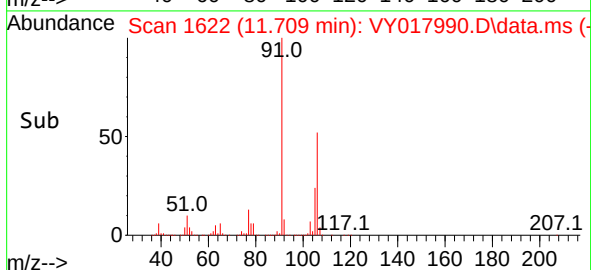
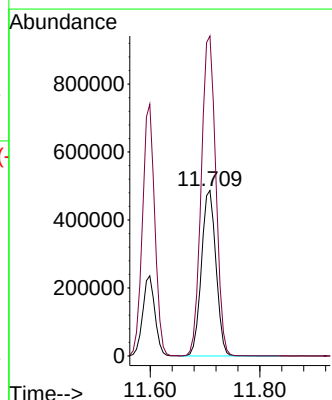
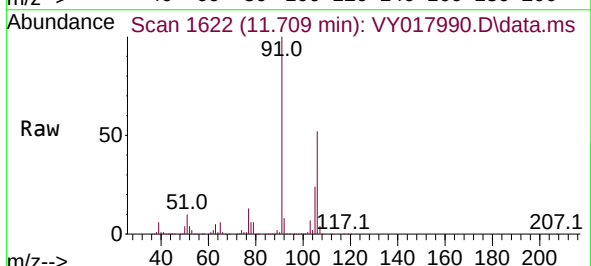
Acq: 19 Apr 2024 11:28

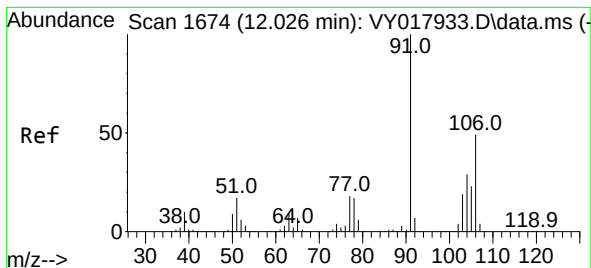
Tgt Ion:106 Resp: 894431

Ion Ratio Lower Upper

106 100

91 193.9 156.0 234.0

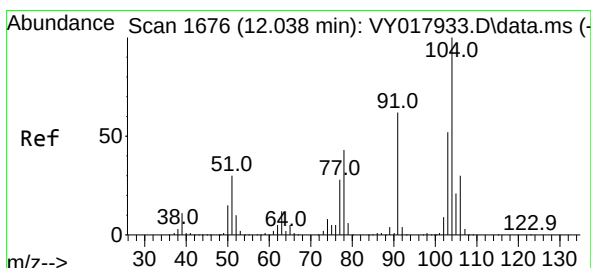
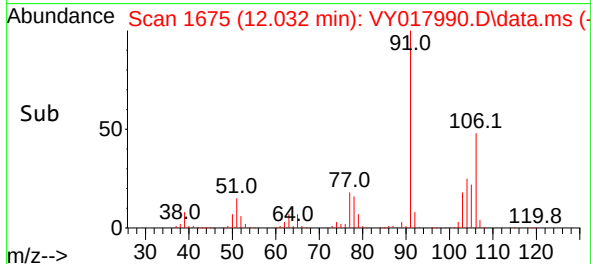
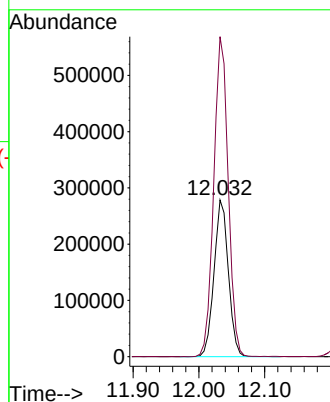
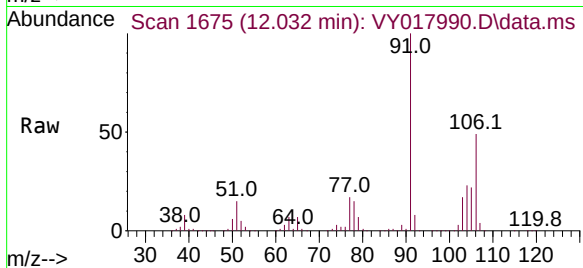




#69
o-Xylene
Concen: 52.08 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

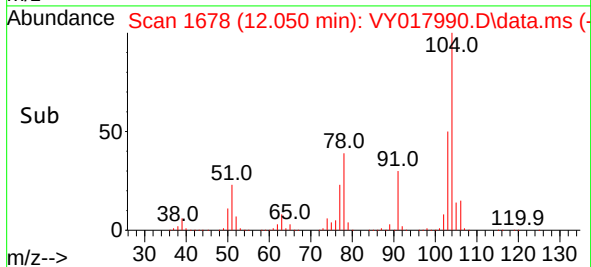
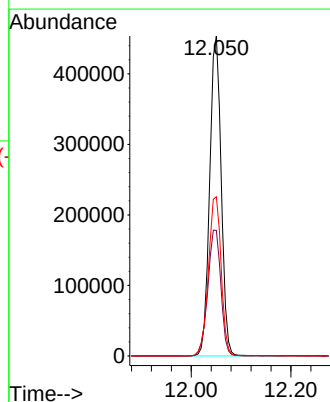
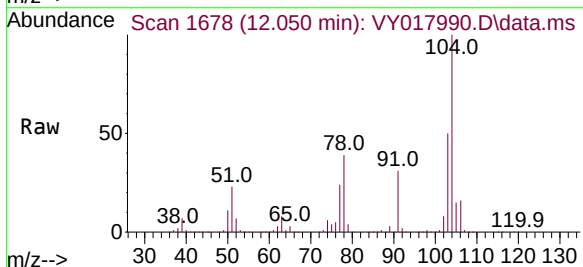
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

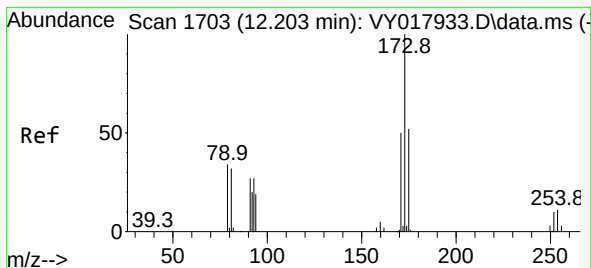
Tgt Ion:106 Resp: 421953
Ion Ratio Lower Upper
106 100
91 205.6 103.6 310.8



#70
Styrene
Concen: 53.13 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion:104 Resp: 727554
Ion Ratio Lower Upper
104 100
78 44.6 37.0 55.4
103 55.0 44.2 66.2





#71

Bromoform

Concen: 51.34 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

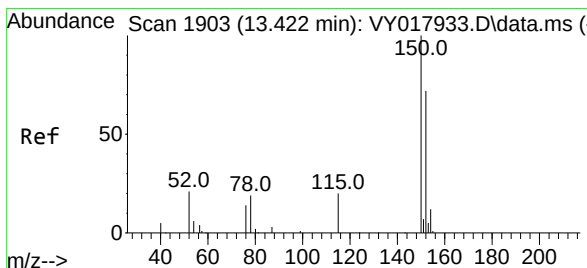
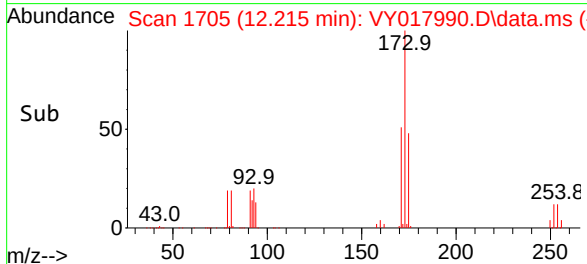
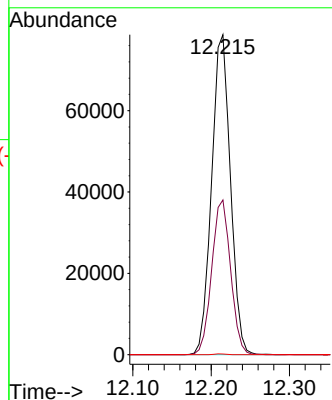
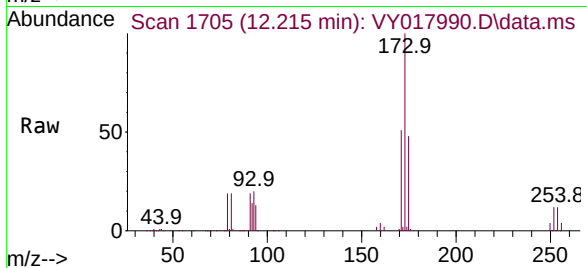
Tgt Ion:173 Resp: 131219

Ion Ratio Lower Upper

173 100

175 48.5 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

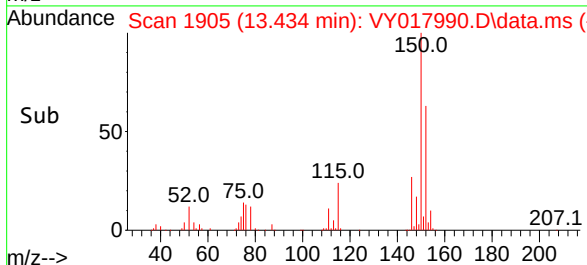
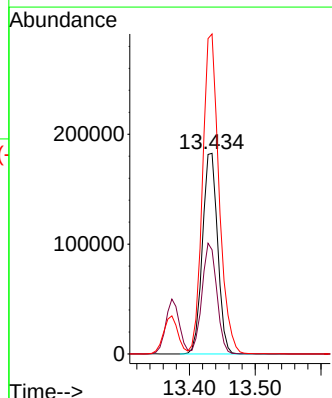
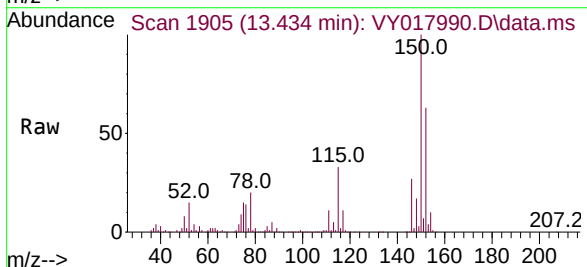
Tgt Ion:152 Resp: 292605

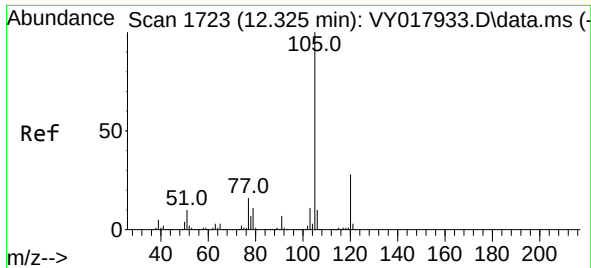
Ion Ratio Lower Upper

152 100

115 53.4 28.2 84.7

150 173.3 0.0 345.6

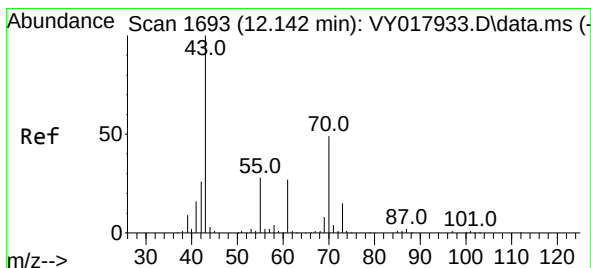
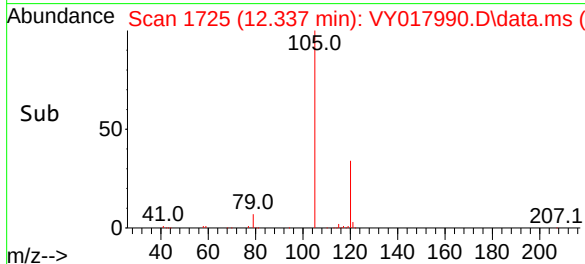
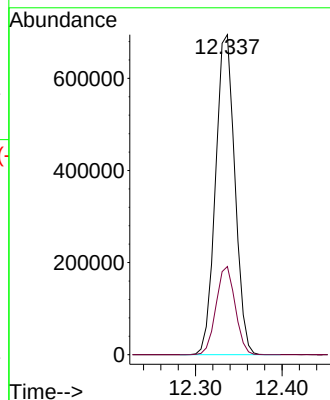
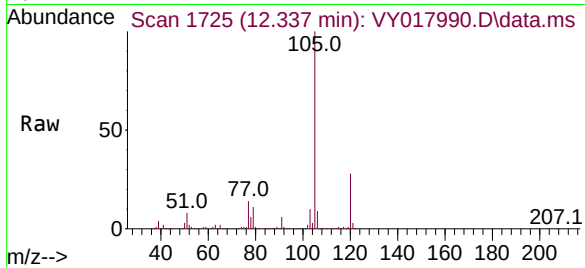




#73
Isopropylbenzene
Concen: 50.41 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

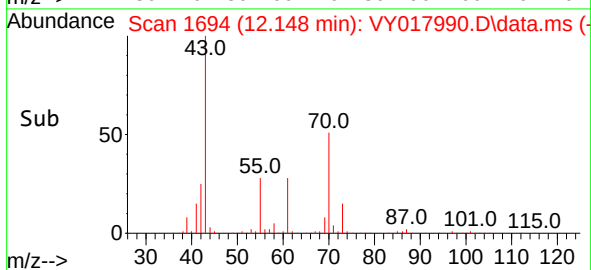
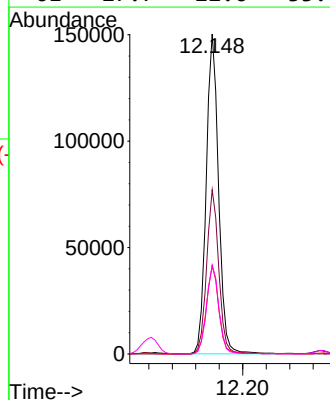
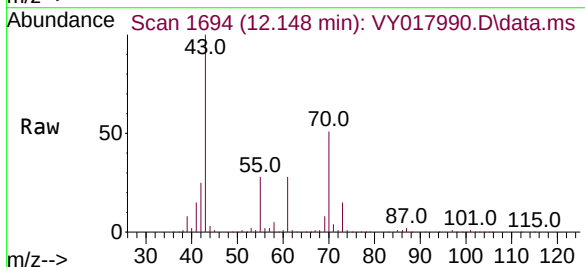
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

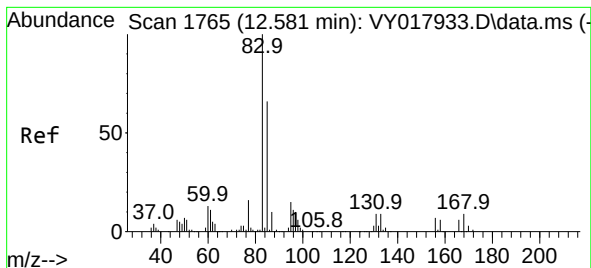
Tgt Ion:105 Resp: 1074790
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.1



#74
N-ethyl acetate
Concen: 50.86 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 43 Resp: 218889
Ion Ratio Lower Upper
43 100
70 50.8 41.4 62.2
55 27.9 23.3 34.9
61 27.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.38 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

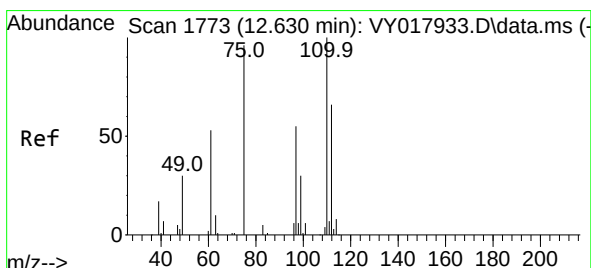
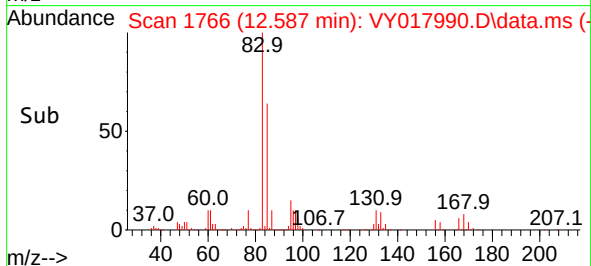
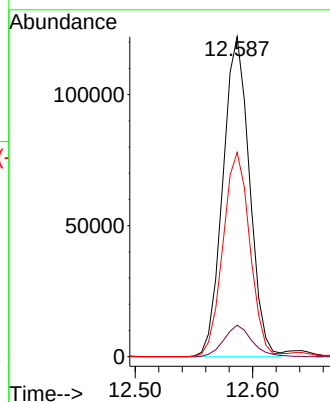
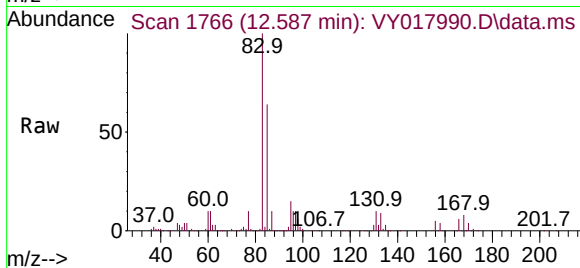
Tgt Ion: 83 Resp: 192392

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

85 64.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 86.19 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017990.D

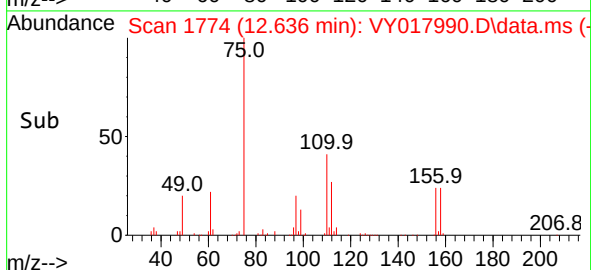
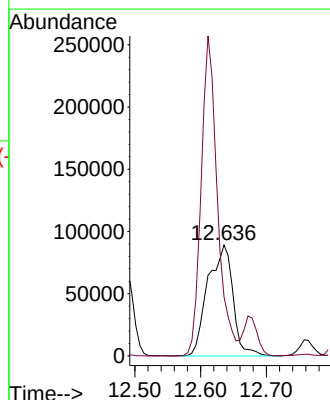
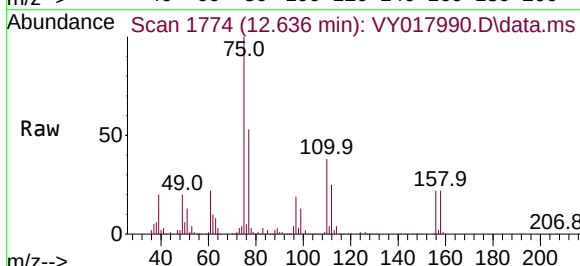
Acq: 19 Apr 2024 11:28

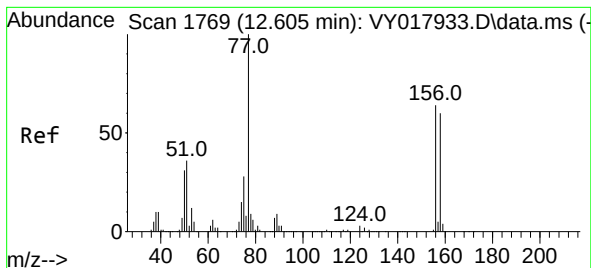
Tgt Ion: 75 Resp: 236654

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.50 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

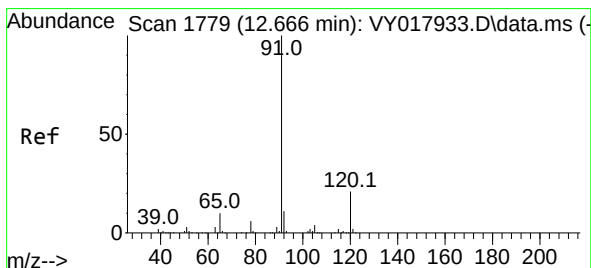
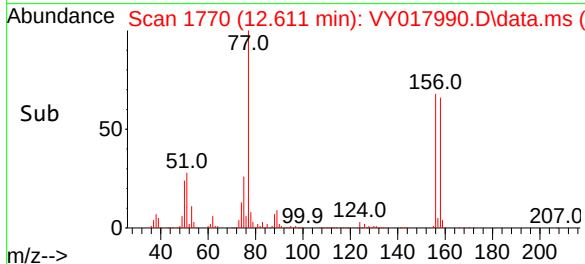
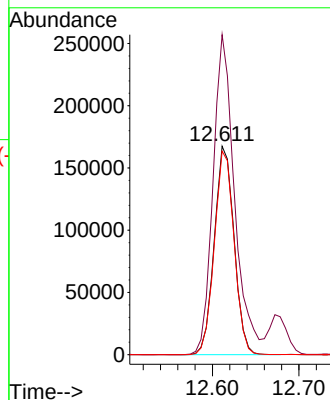
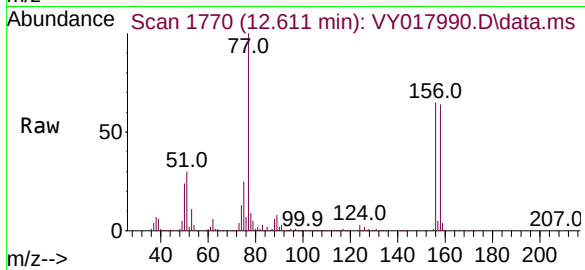
Tgt Ion:156 Resp: 265742

Ion Ratio Lower Upper

156 100

77 165.9 87.1 261.3

158 97.4 48.6 145.9



#78

n-propylbenzene

Concen: 50.37 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017990.D

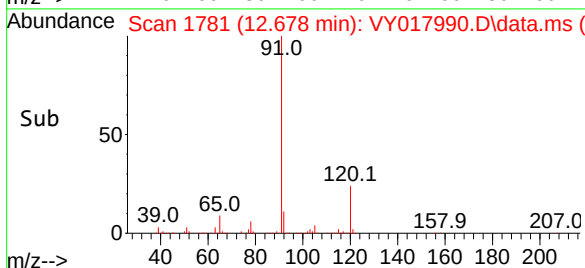
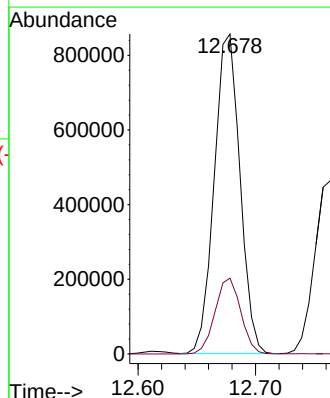
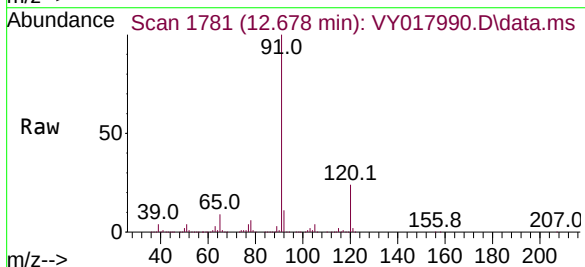
Acq: 19 Apr 2024 11:28

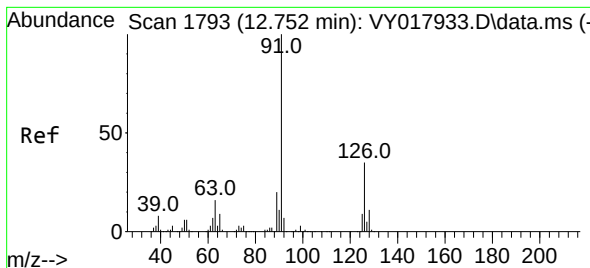
Tgt Ion: 91 Resp: 1303006

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.11 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

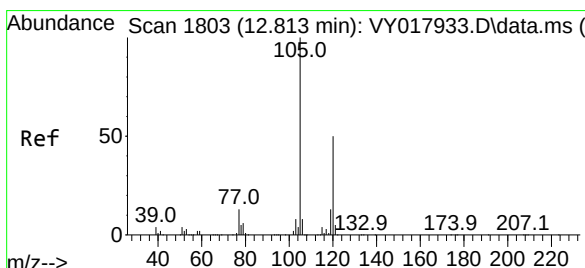
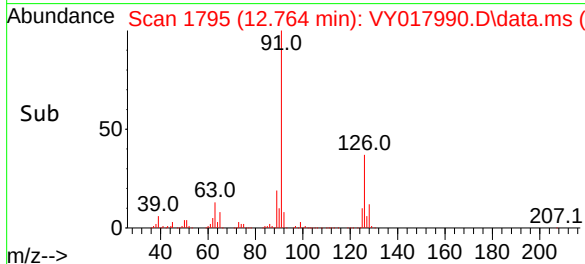
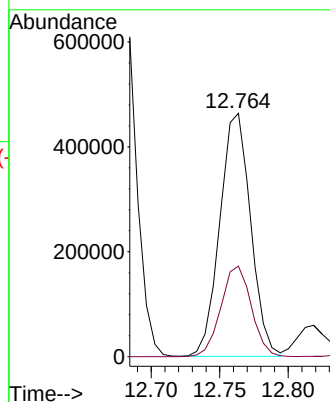
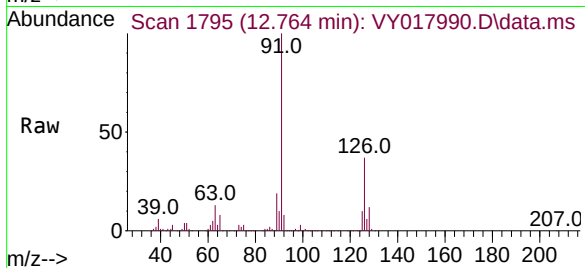
VSTDCCC050

Tgt Ion: 91 Resp: 725521

Ion Ratio Lower Upper

91 100

126 36.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 51.07 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY017990.D

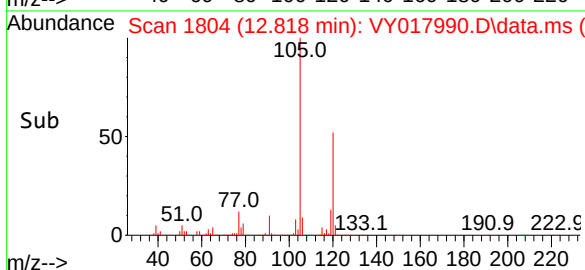
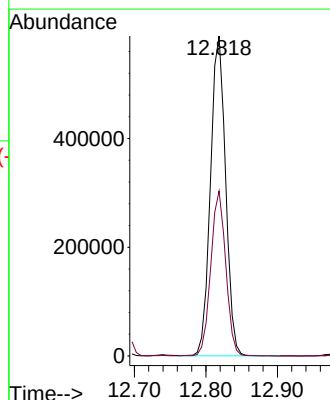
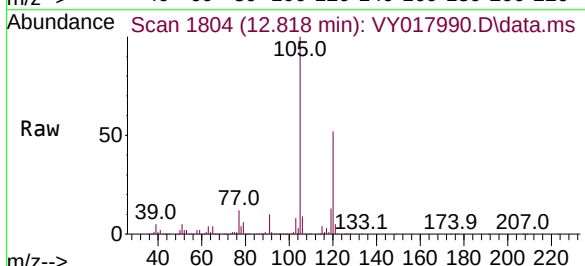
Acq: 19 Apr 2024 11:28

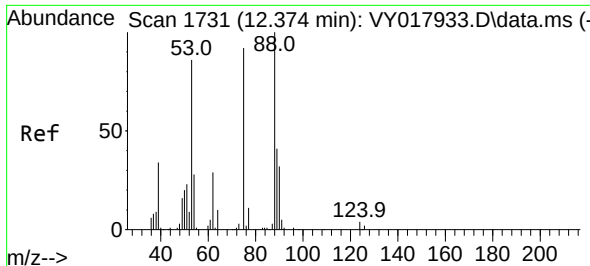
Tgt Ion: 105 Resp: 863414

Ion Ratio Lower Upper

105 100

120 51.2 25.1 75.2

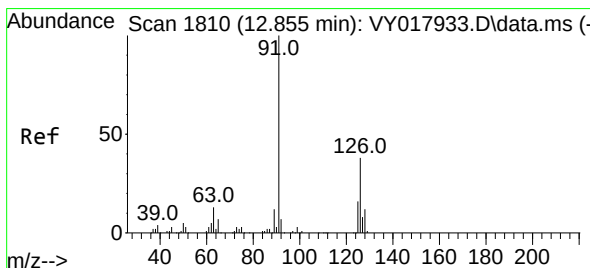
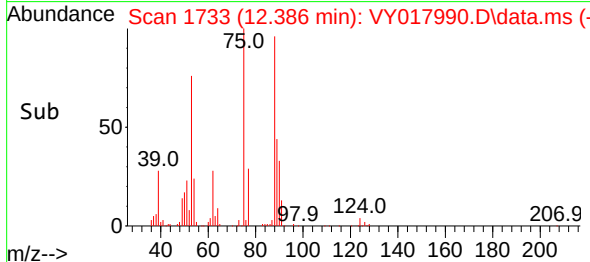
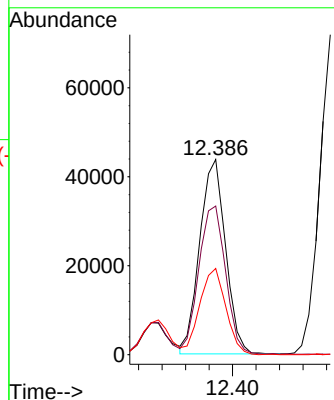
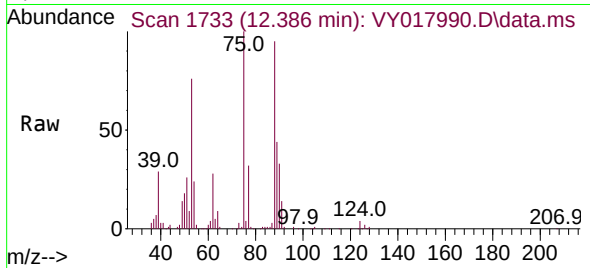




#81
trans-1,4-Dichloro-2-butene
Concen: 50.23 ug/l
RT: 12.386 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

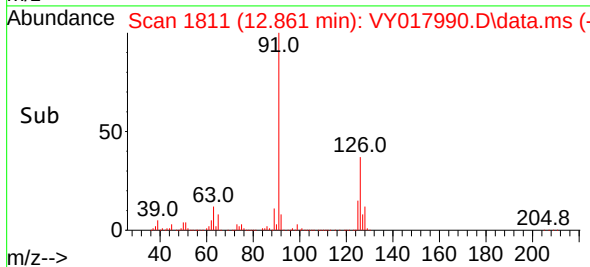
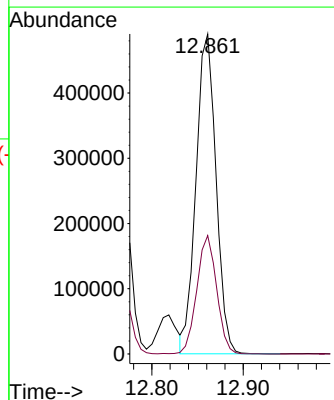
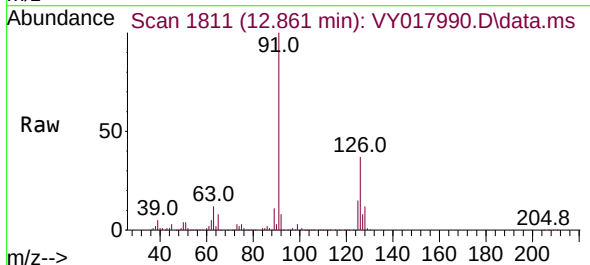
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

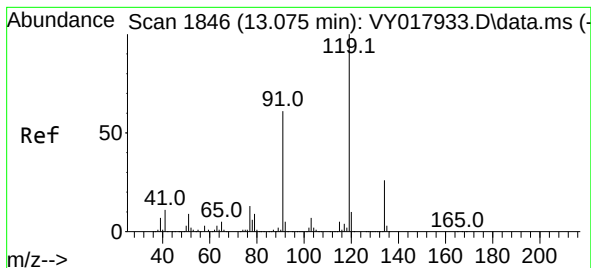
Tgt Ion: 75 Resp: 66894
Ion Ratio Lower Upper
75 100
53 79.4 66.8 100.2
89 45.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 49.71 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 91 Resp: 745406
Ion Ratio Lower Upper
91 100
126 36.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 51.31 ug/l

RT: 13.081 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

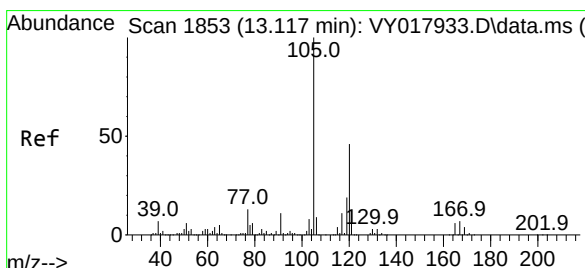
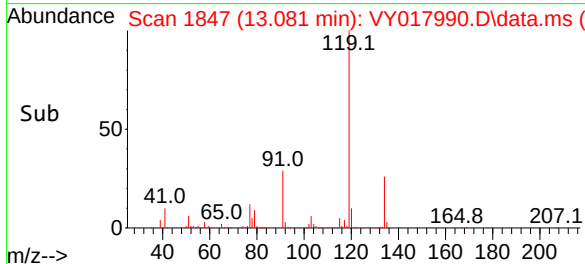
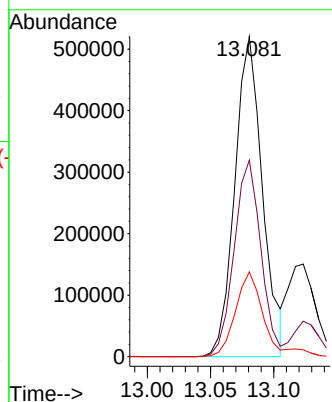
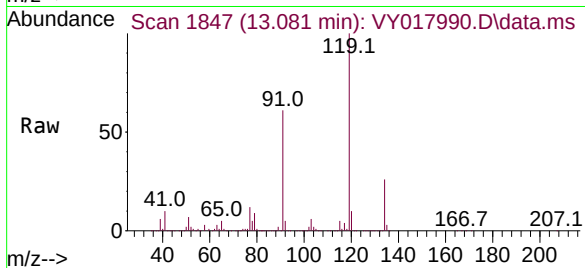
Tgt Ion:119 Resp: 792314

Ion Ratio Lower Upper

119 100

91 59.3 31.3 93.8

134 27.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 51.21 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY017990.D

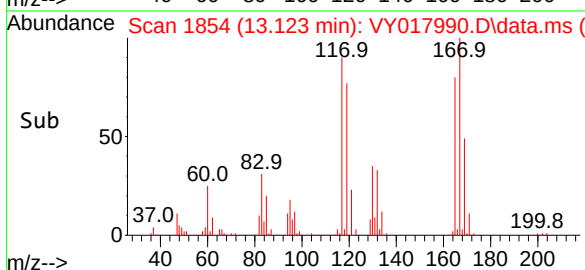
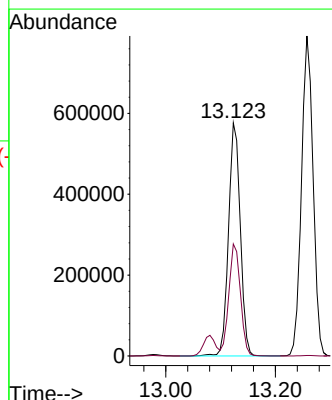
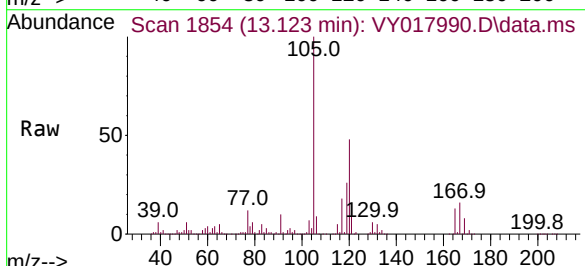
Acq: 19 Apr 2024 11:28

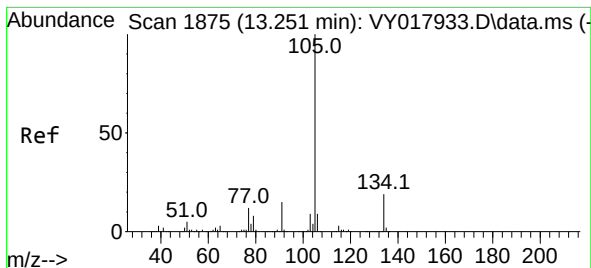
Tgt Ion:105 Resp: 862240

Ion Ratio Lower Upper

105 100

120 47.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.90 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

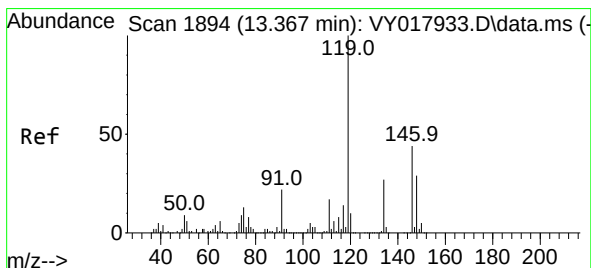
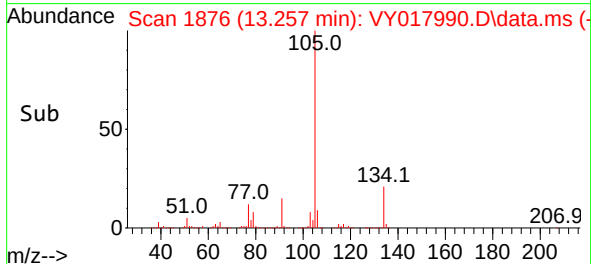
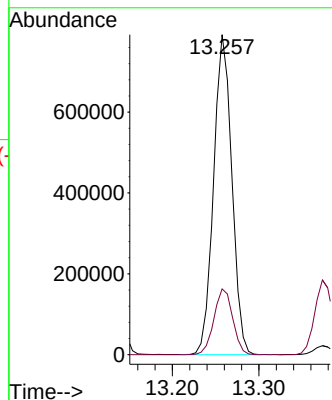
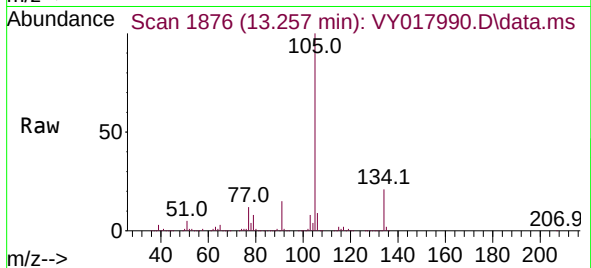
VSTDCCC050

Tgt Ion:105 Resp: 1157330

Ion Ratio Lower Upper

105 100

134 21.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 51.15 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

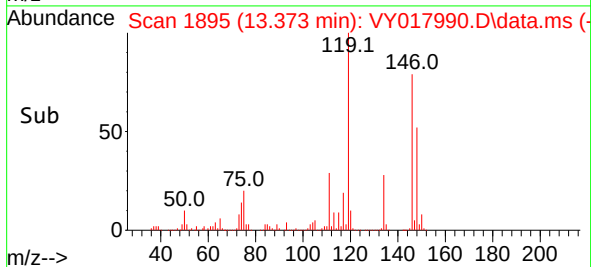
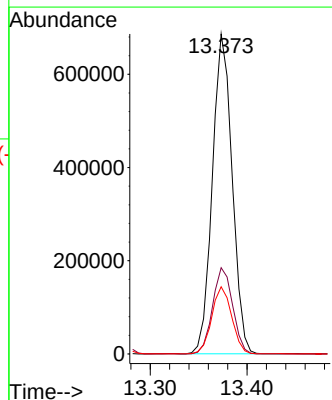
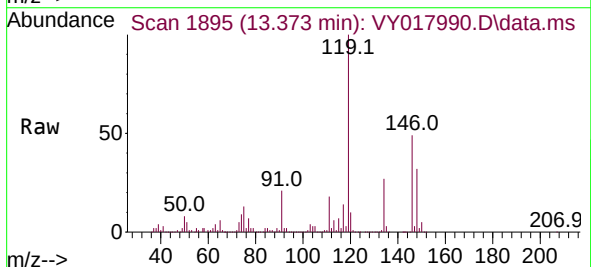
Tgt Ion:119 Resp: 974860

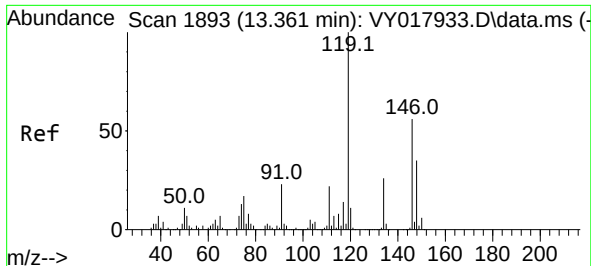
Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

91 21.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 50.71 ug/l

RT: 13.373 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

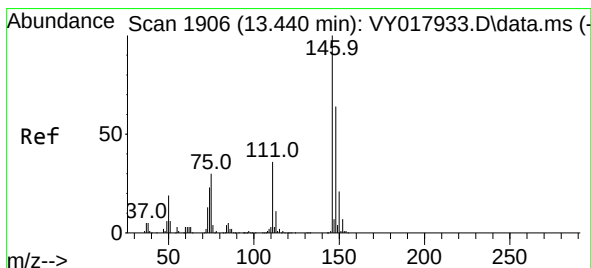
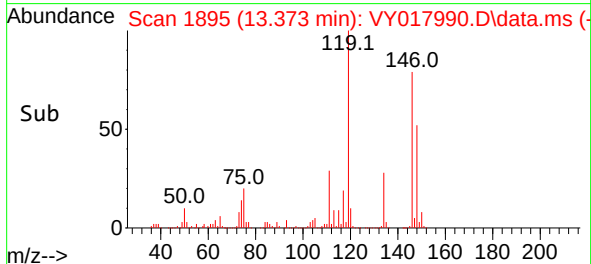
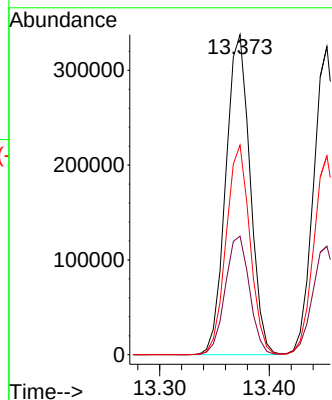
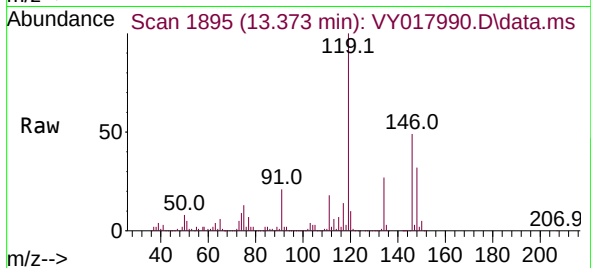
Tgt Ion:146 Resp: 519157

Ion Ratio Lower Upper

146 100

111 37.2 19.0 57.0

148 64.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 50.11 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

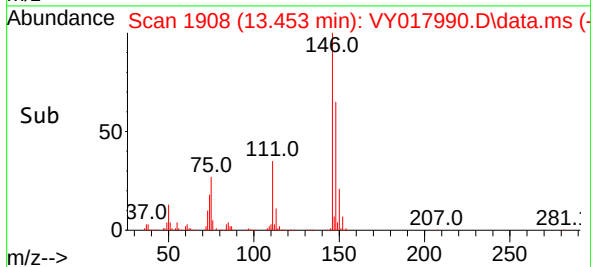
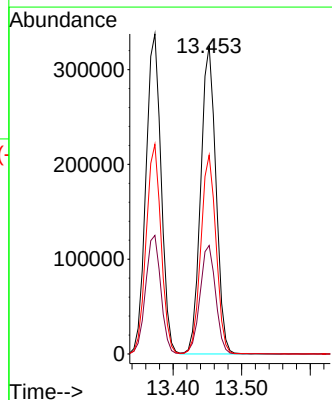
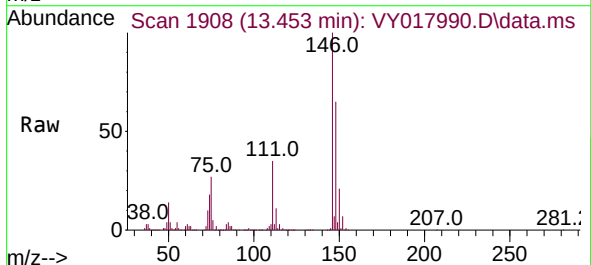
Tgt Ion:146 Resp: 503595

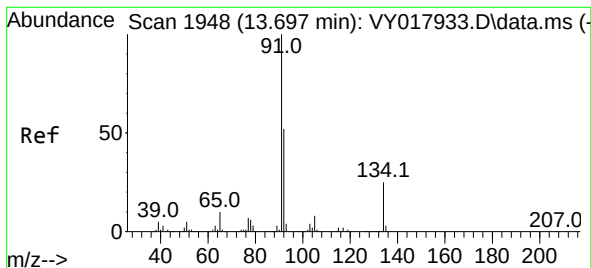
Ion Ratio Lower Upper

146 100

111 35.9 18.4 55.4

148 64.4 32.4 97.2





#89

n-Butylbenzene

Concen: 50.07 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

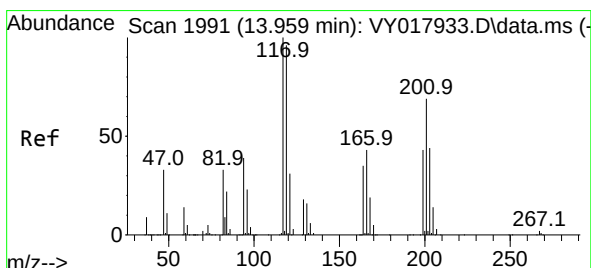
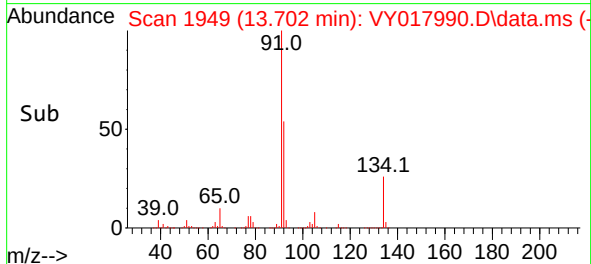
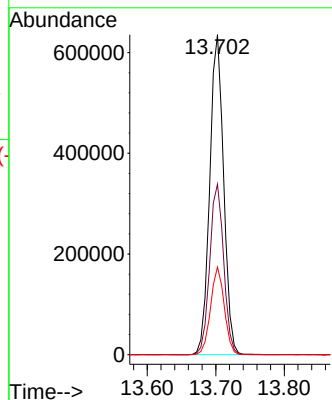
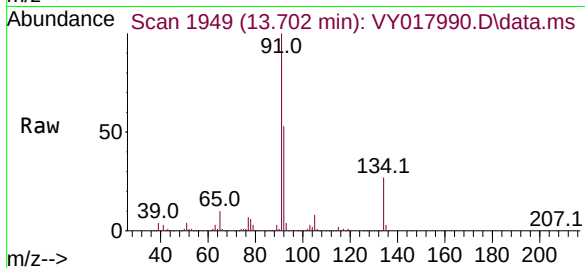
Tgt Ion: 91 Resp: 897778

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.7

134 27.0 12.9 38.7



#90

Hexachloroethane

Concen: 49.62 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY017990.D

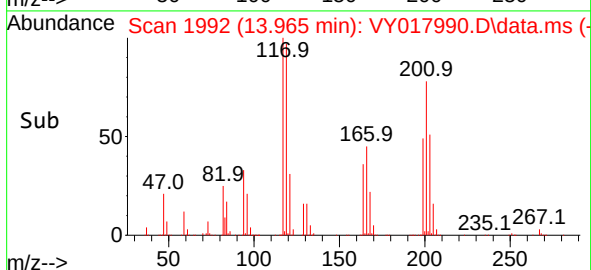
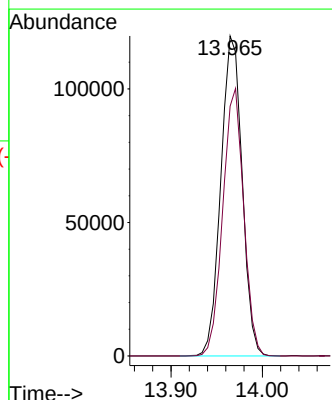
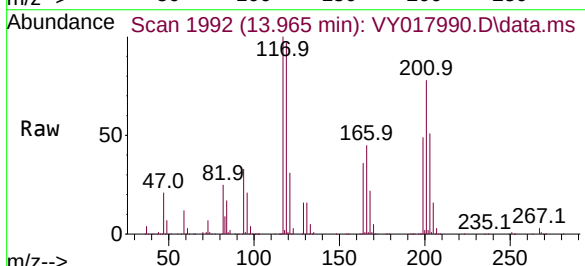
Acq: 19 Apr 2024 11:28

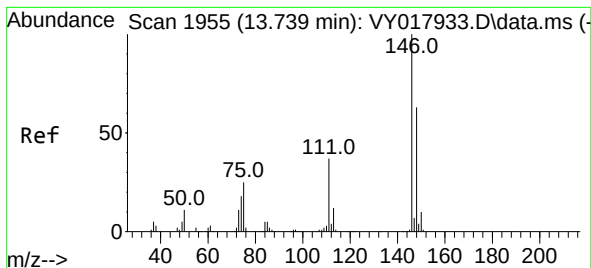
Tgt Ion: 117 Resp: 193905

Ion Ratio Lower Upper

117 100

201 81.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 50.45 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

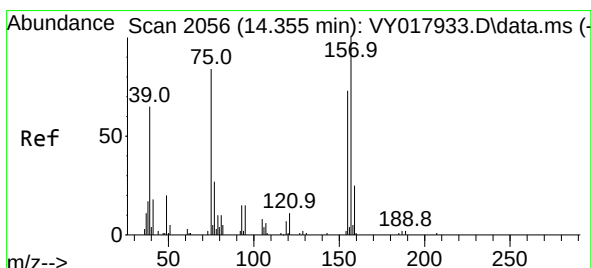
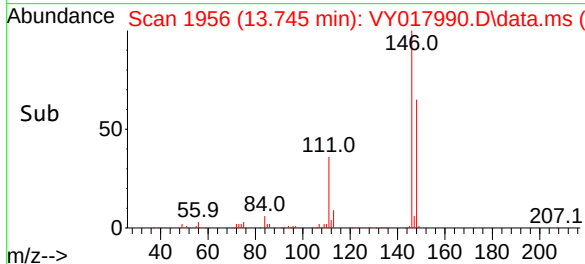
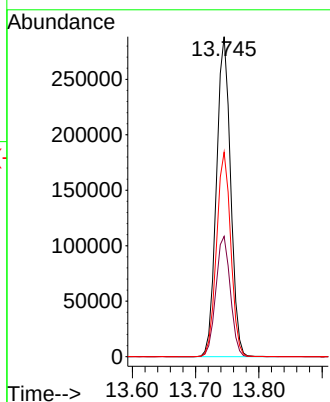
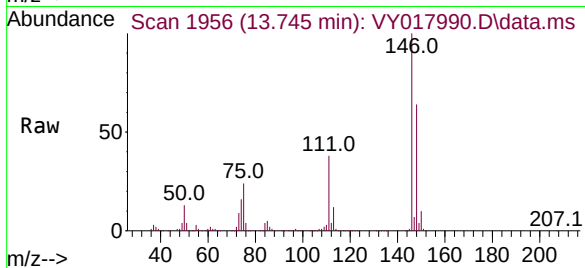
Tgt Ion:146 Resp: 445605

Ion Ratio Lower Upper

146 100

111 38.6 19.9 59.7

148 64.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.55 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

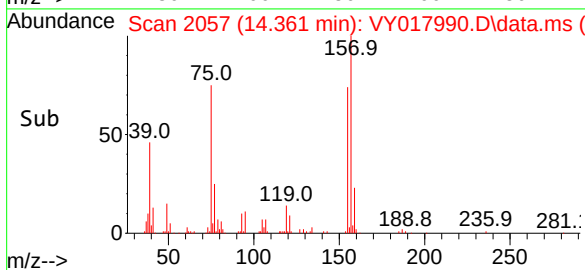
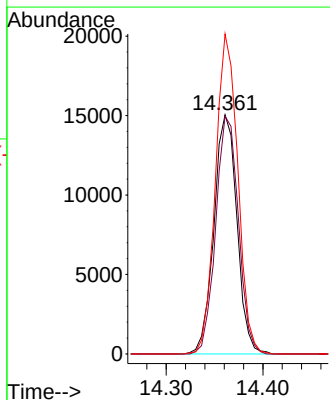
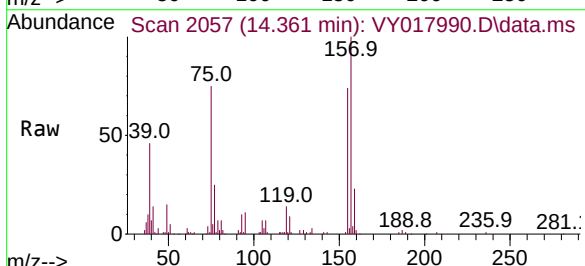
Tgt Ion: 75 Resp: 24831

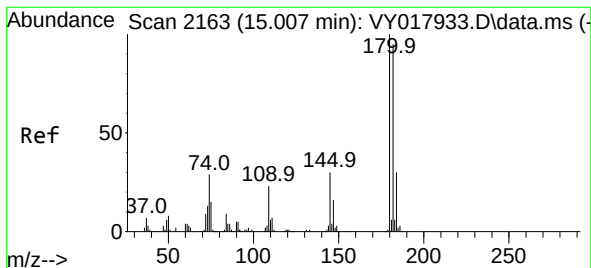
Ion Ratio Lower Upper

75 100

155 98.0 48.6 145.8

157 129.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 52.73 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

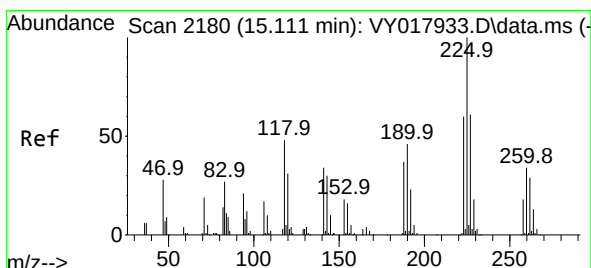
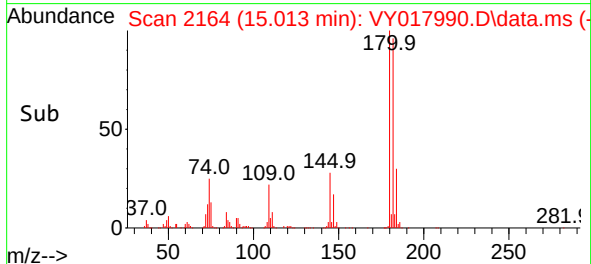
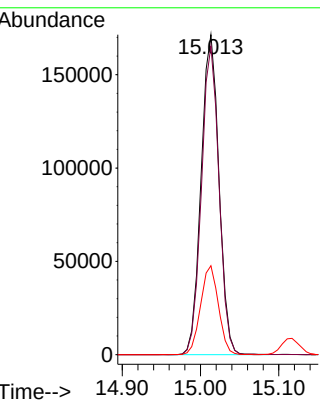
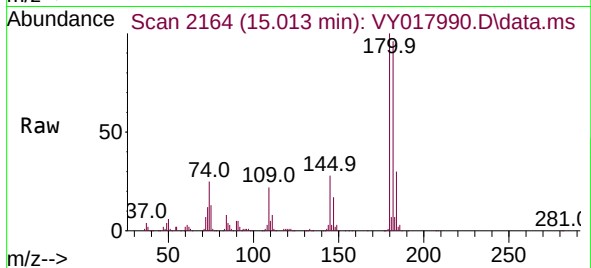
Tgt Ion:180 Resp: 271202

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.8

145 27.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.70 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

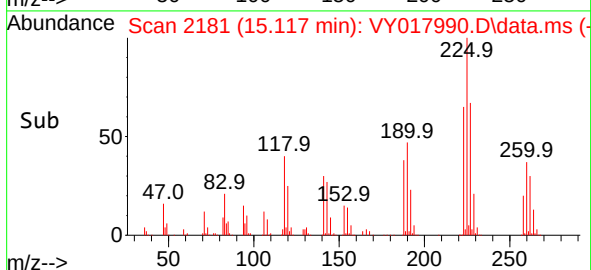
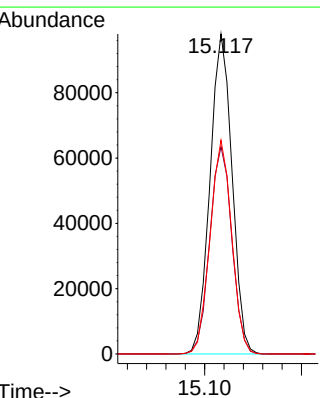
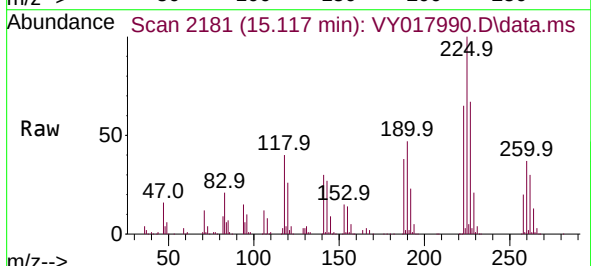
Tgt Ion:225 Resp: 154686

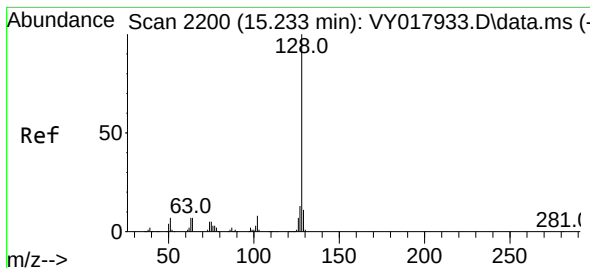
Ion Ratio Lower Upper

225 100

223 64.9 30.4 91.2

227 65.6 31.9 95.9





#95

Naphthalene

Concen: 53.73 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

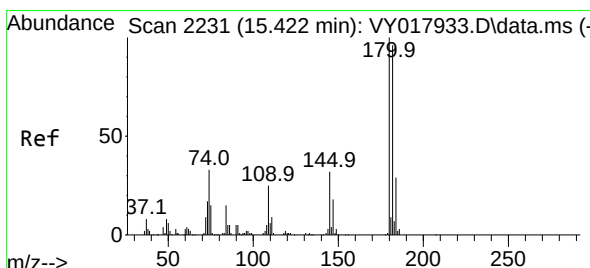
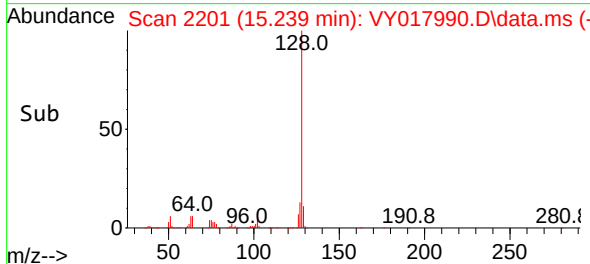
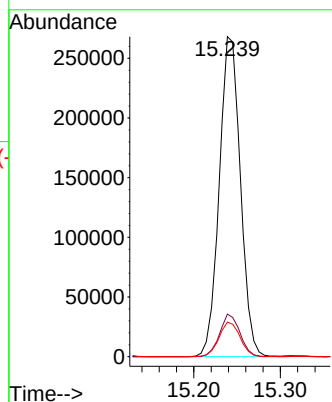
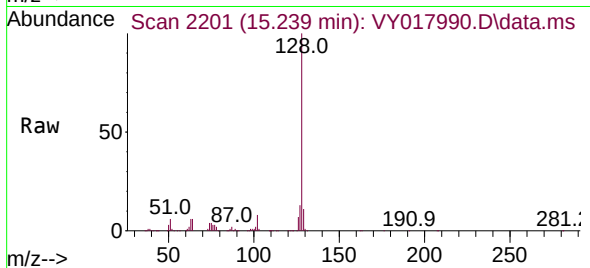
Tgt Ion:128 Resp: 455362

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.21 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Tgt Ion:180 Resp: 229638

Ion Ratio Lower Upper

180 100

182 94.5 47.6 142.9

145 29.4 15.4 46.1

