

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
 Data File : VY017728.D
 Acq On : 20 Mar 2024 15:54
 Operator : SY/MD
 Sample : P1817-03
 Misc : 1.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 21 03:15:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

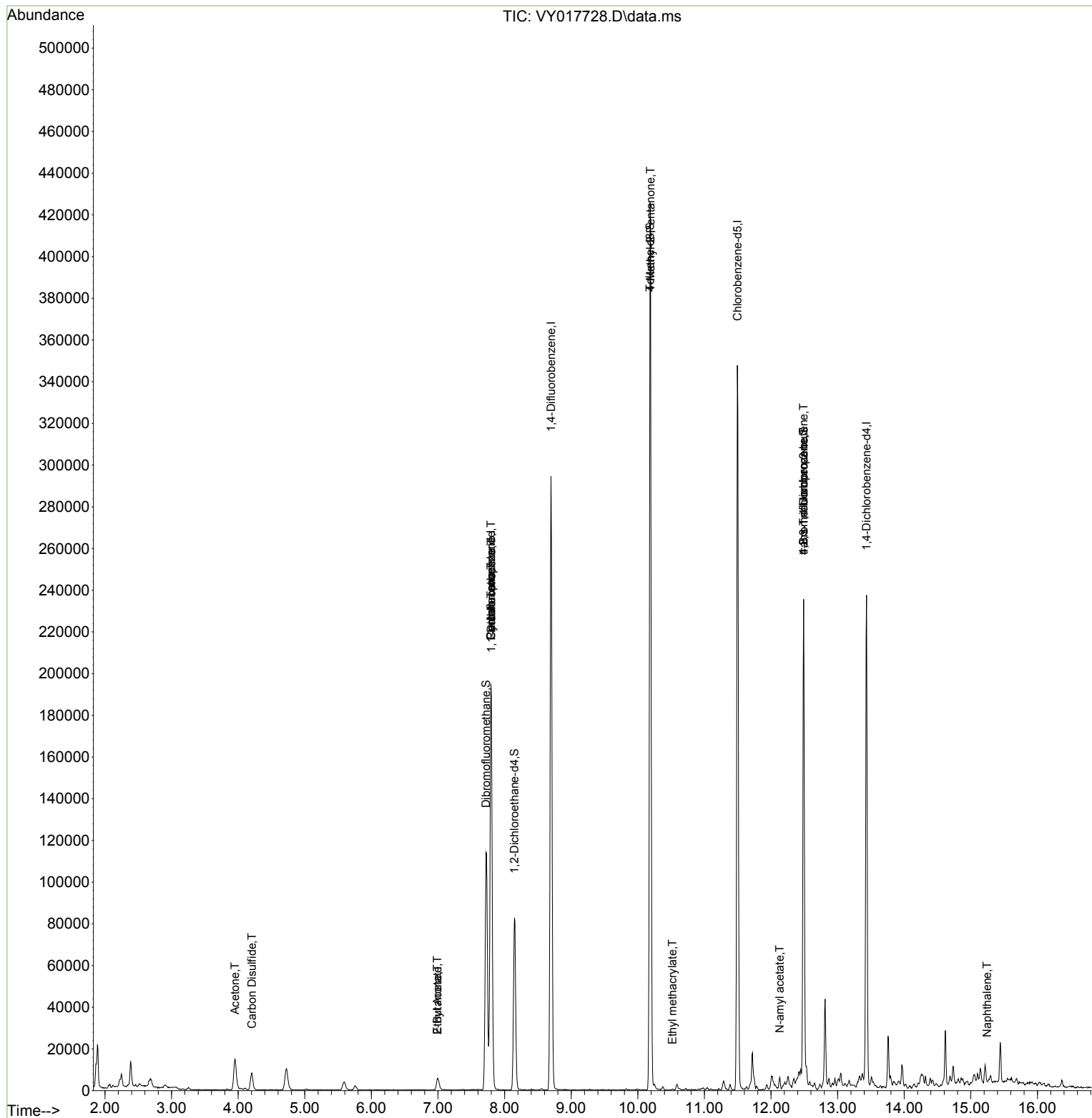
Internal Standards						
1) Pentafluorobenzene	7.795	168	168683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	273115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	211610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	66417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	64540	40.371	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.740%
35) Dibromofluoromethane	7.722	113	83461	43.854	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.700%
50) Toluene-d8	10.185	98	298367	44.839	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.680%
62) 4-Bromofluorobenzene	12.489	95	70474	33.700	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.400%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	26356	84.999	ug/l	99
17) Carbon Disulfide	4.204	76	16580	3.466	ug/l #	93
20) Methylene Chloride	4.728	84	9234	Below Cal	#	87
25) 2-Butanone	6.990	43	9717	21.989	ug/l	93
31) Cyclohexane	7.795	56	2669	1.026	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	10491	4.086	ug/l #	49
37) Ethyl Acetate	6.990	43	9717	9.581	ug/l #	67
38) Carbon Tetrachloride	7.795	117	14532	5.647	ug/l #	17
51) 4-Methyl-2-Pentanone	10.191	43	1173	1.181	ug/l #	1
56) Ethyl methacrylate	10.520	69	20	2.547	ug/l #	1
74) N-amyl acetate	12.130	43	1169	1.343	ug/l #	72
76) 1,2,3-Trichloropropane	12.489	75	33112	52.470	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	33112	120.565	ug/l #	16
95) Naphthalene	15.245	128	383	4.084	ug/l #	69

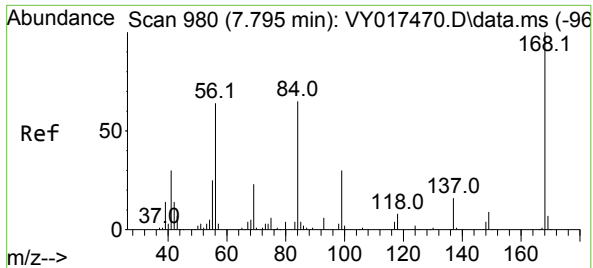
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
Data File : VY017728.D
Acq On : 20 Mar 2024 15:54
Operator : SY/MD
Sample : P1817-03
Misc : 1.92g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

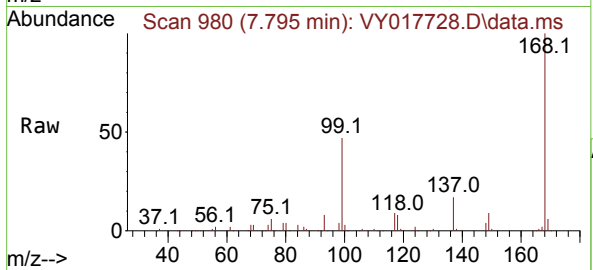
Quant Time: Mar 21 03:15:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration



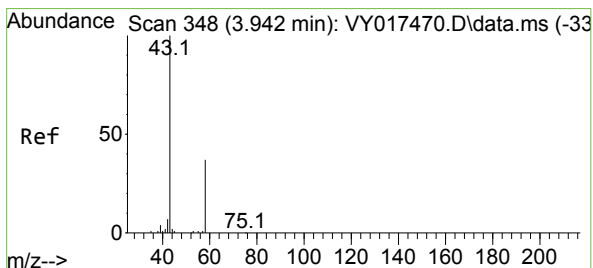
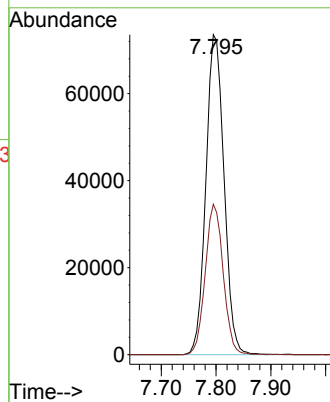
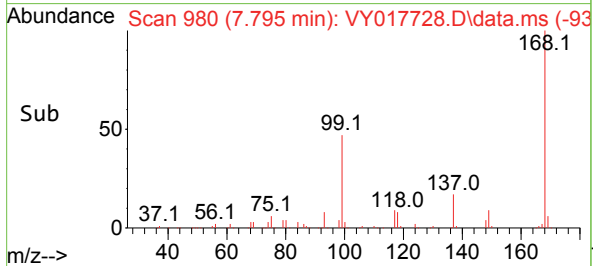


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017728.D
Acq: 20 Mar 2024 15:54

Instrument :
MSVOA_Y
ClientSampleId :

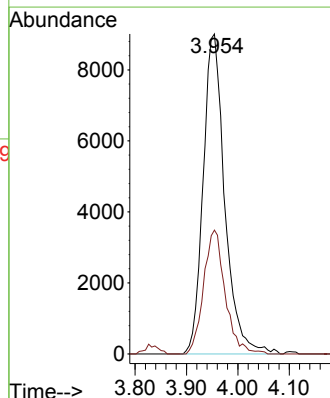
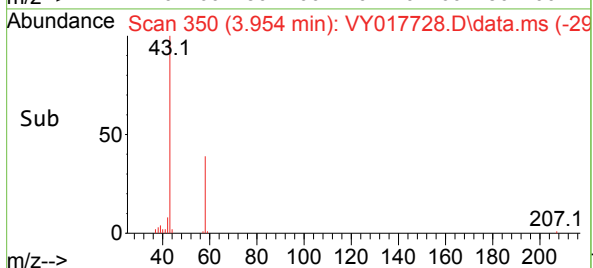
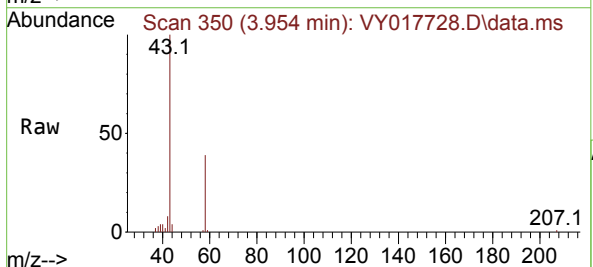


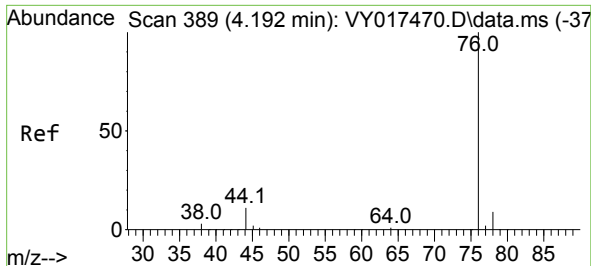
Tgt Ion:168 Resp: 168683
Ion Ratio Lower Upper
168 100
99 47.0 39.1 58.7



#16
Acetone
Concen: 84.999 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017728.D
Acq: 20 Mar 2024 15:54

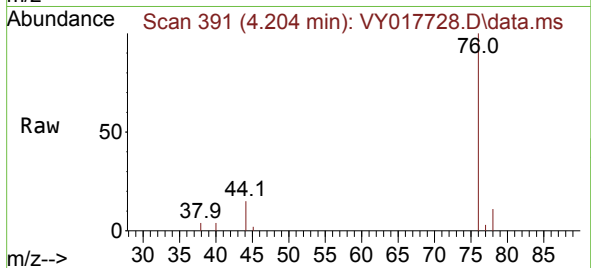
Tgt Ion: 43 Resp: 26356
Ion Ratio Lower Upper
43 100
58 38.7 31.7 47.5



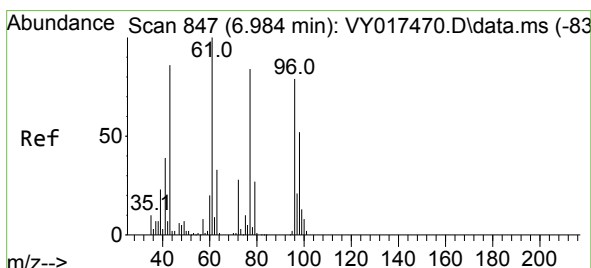
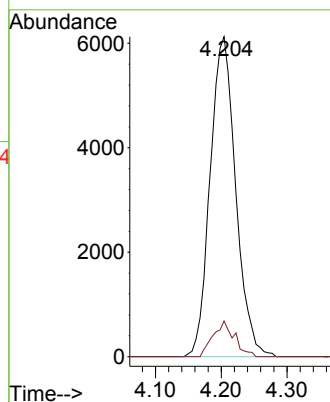
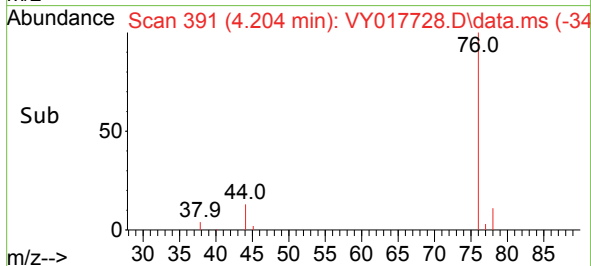


#17
Carbon Disulfide
Concen: 3.466 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017728.D
Acq: 20 Mar 2024 15:54

Instrument :
MSVOA_Y
ClientSampleId :

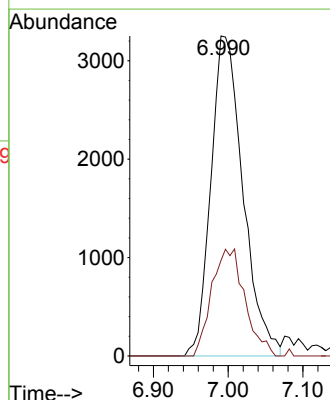
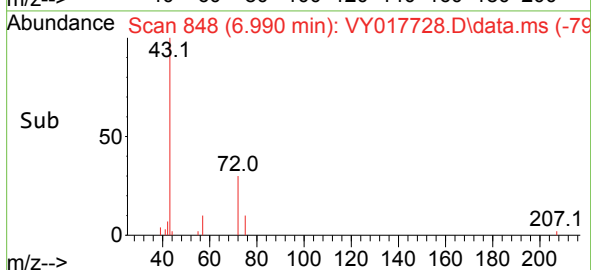
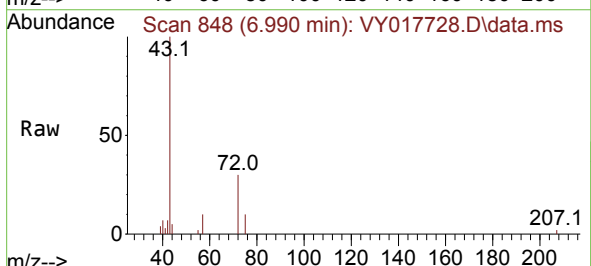


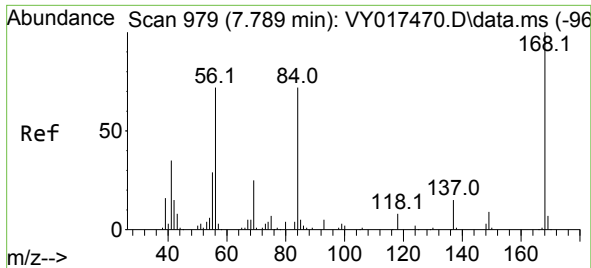
Tgt Ion: 76 Resp: 16580
Ion Ratio Lower Upper
76 100
78 11.1 6.8 10.2#



#25
2-Butanone
Concen: 21.989 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY017728.D
Acq: 20 Mar 2024 15:54

Tgt Ion: 43 Resp: 9717
Ion Ratio Lower Upper
43 100
72 29.8 27.3 40.9

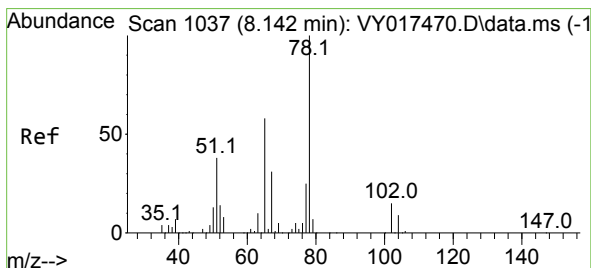
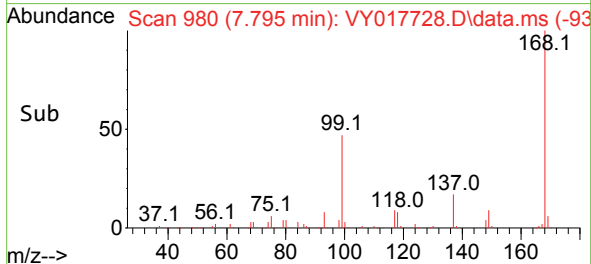
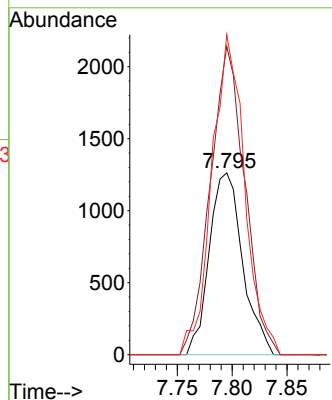
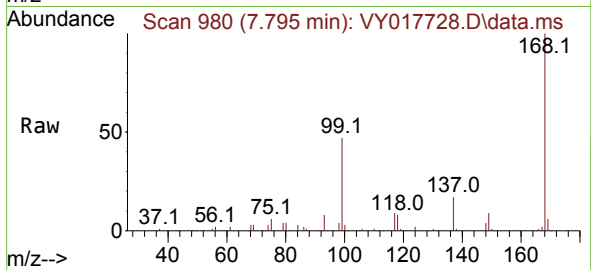




#31
Cyclohexane
Concen: 1.026 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017728.D
Acq: 20 Mar 2024 15:54

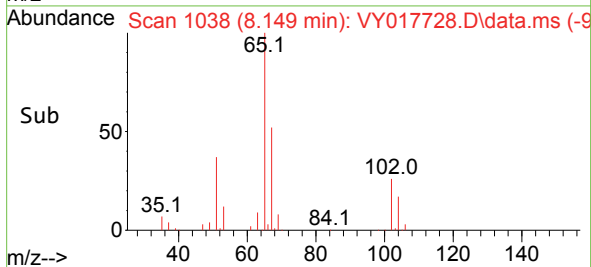
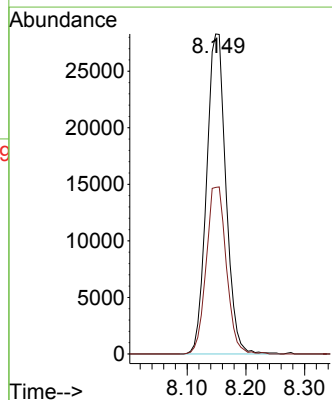
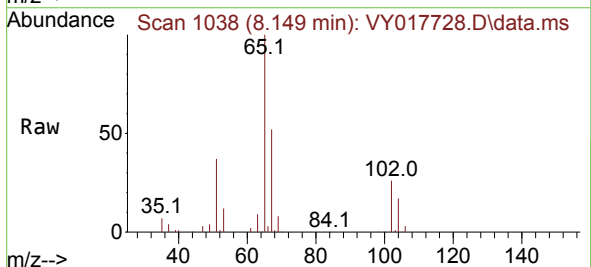
Instrument :
MSVOA_Y
ClientSampleId :

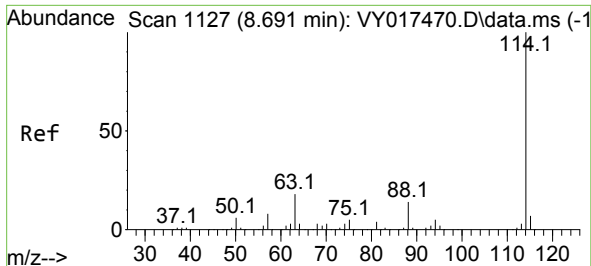
Tgt Ion: 56 Resp: 2669
Ion Ratio Lower Upper
56 100
69 169.7 28.7 43.1#
84 176.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 40.371 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017728.D
Acq: 20 Mar 2024 15:54

Tgt Ion: 65 Resp: 64540
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017728.D

Acq: 20 Mar 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

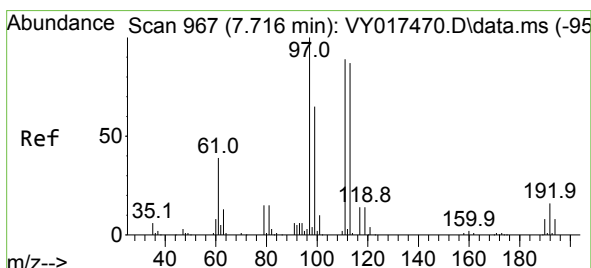
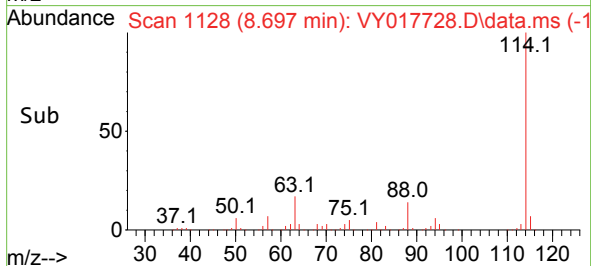
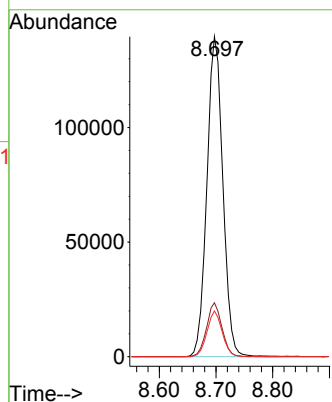
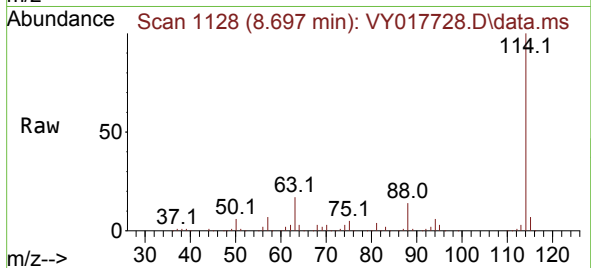
Tgt Ion:114 Resp: 273115

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 43.854 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017728.D

Acq: 20 Mar 2024 15:54

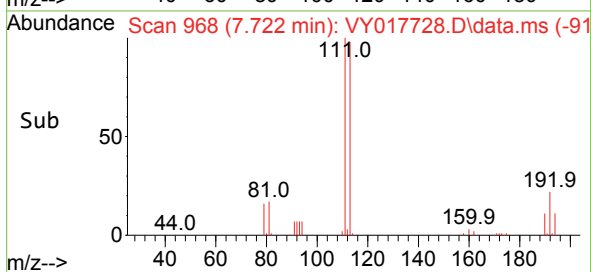
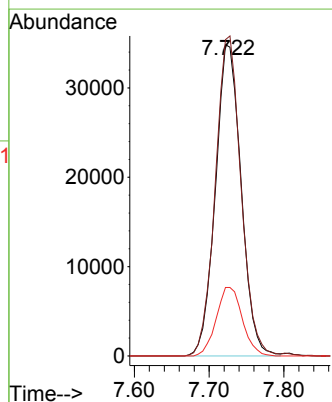
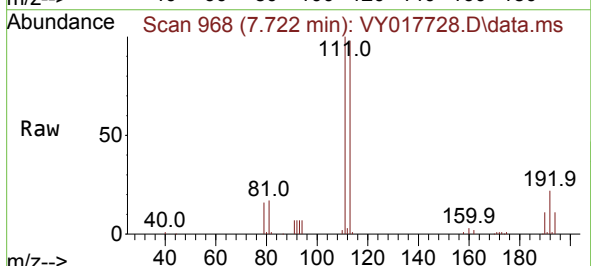
Tgt Ion:113 Resp: 83461

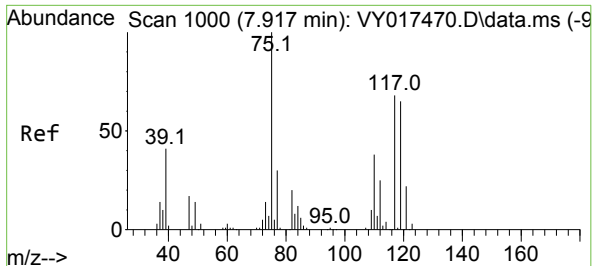
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 22.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.086 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY017728.D

Acq: 20 Mar 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

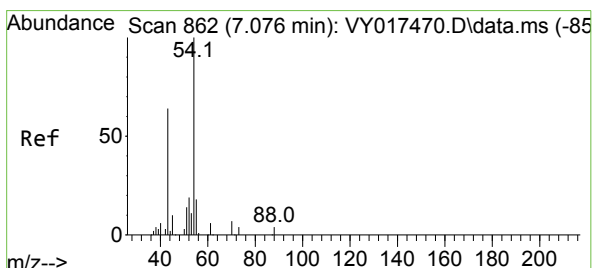
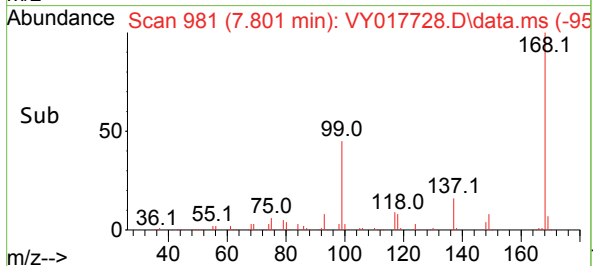
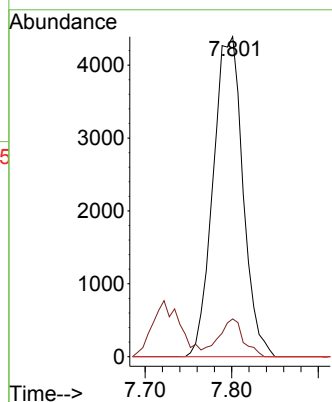
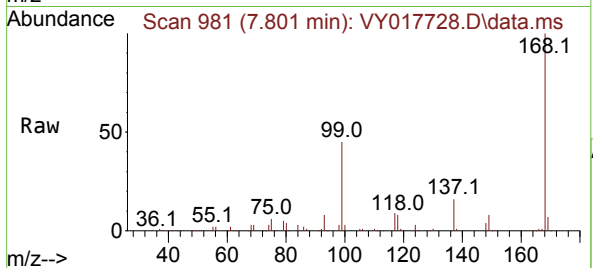
Tgt Ion: 75 Resp: 10491

Ion Ratio Lower Upper

75 100

110 9.8 19.0 57.0#

77 0.0 25.3 37.9#



#37

Ethyl Acetate

Concen: 9.581 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.085 min

Lab File: VY017728.D

Acq: 20 Mar 2024 15:54

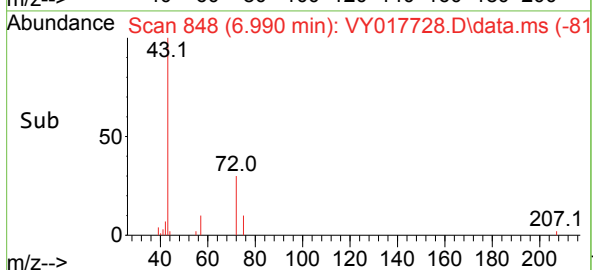
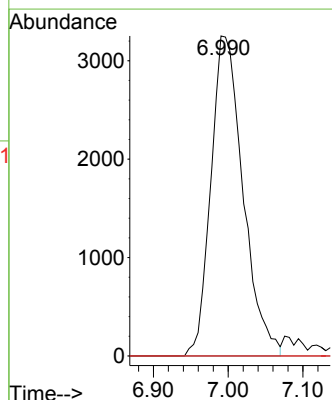
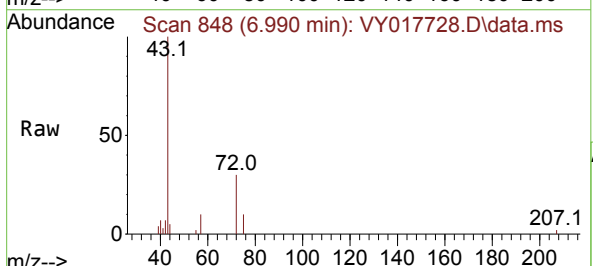
Tgt Ion: 43 Resp: 9717

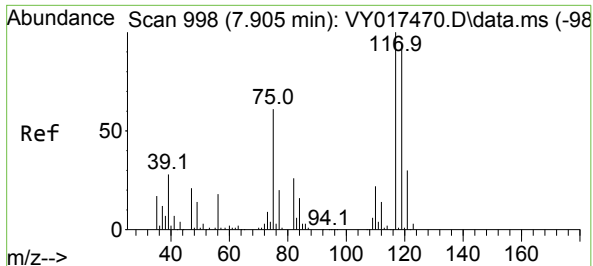
Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

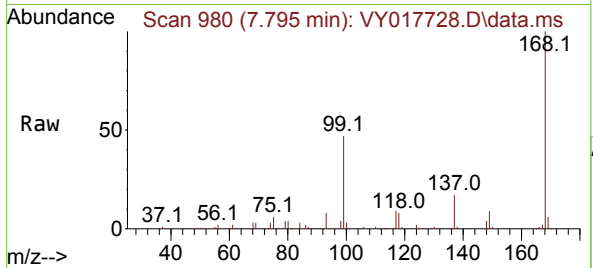
70 0.0 7.8 11.8#



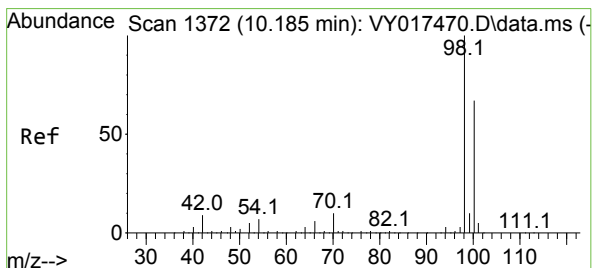
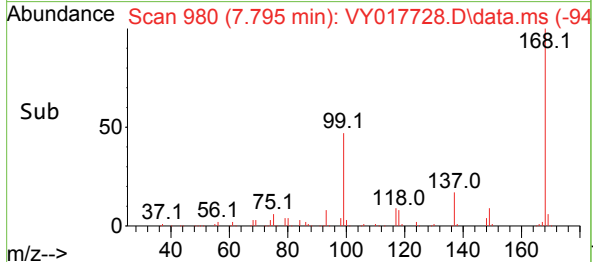
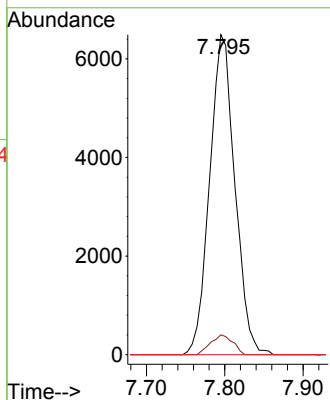


#38
Carbon Tetrachloride
Concen: 5.647 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017728.D
Acq: 20 Mar 2024 15:54

Instrument :
MSVOA_Y
ClientSampleId :

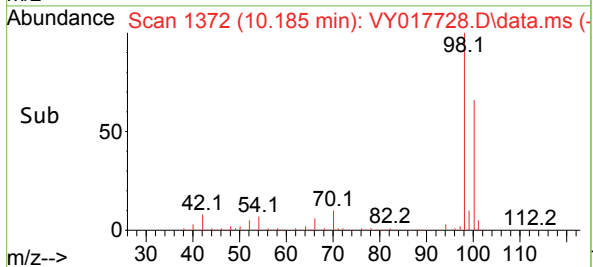
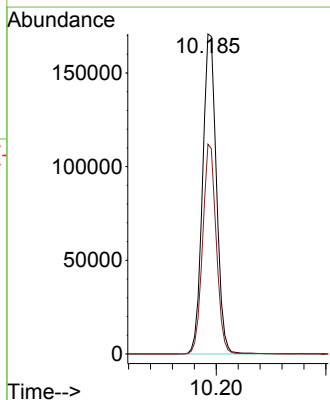
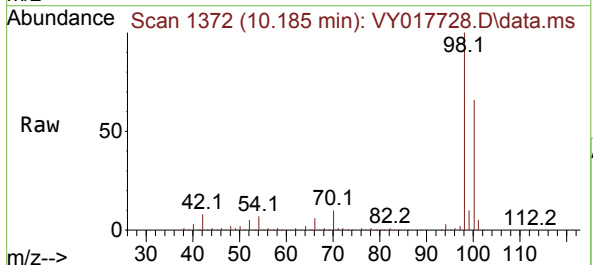


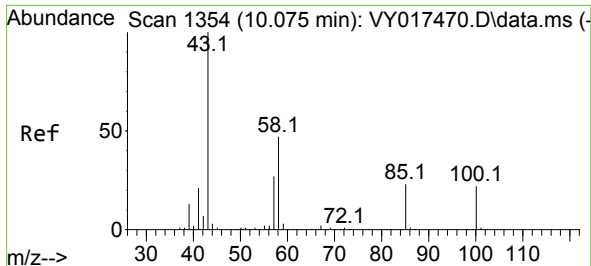
Tgt Ion:117 Resp: 14532
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 44.839 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017728.D
Acq: 20 Mar 2024 15:54

Tgt Ion: 98 Resp: 298367
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

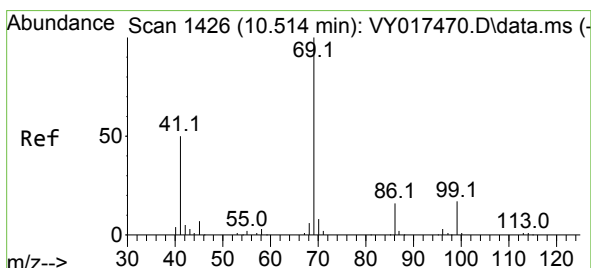
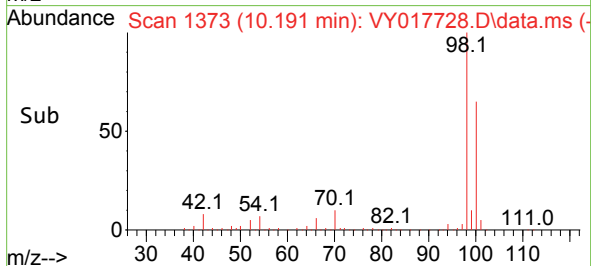
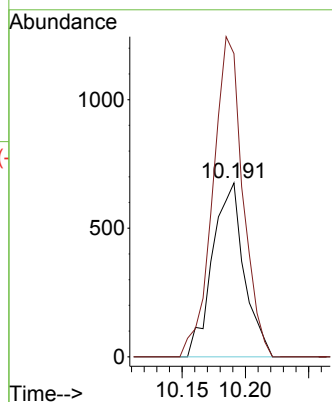
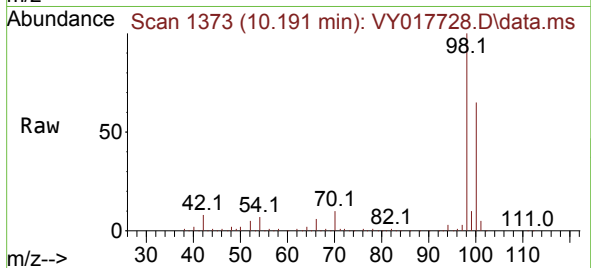




#51
4-Methyl-2-Pentanone
Concen: 1.181 ug/l
RT: 10.191 min Scan# 1173
Delta R.T. 0.116 min
Lab File: VY017728.D
Acq: 20 Mar 2024 15:54

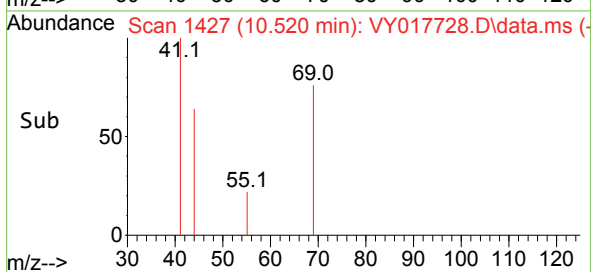
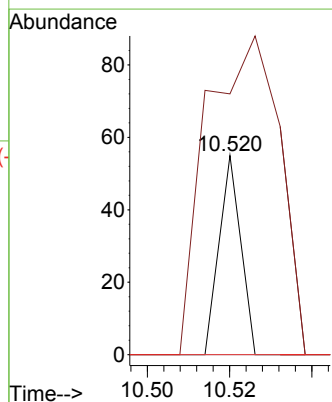
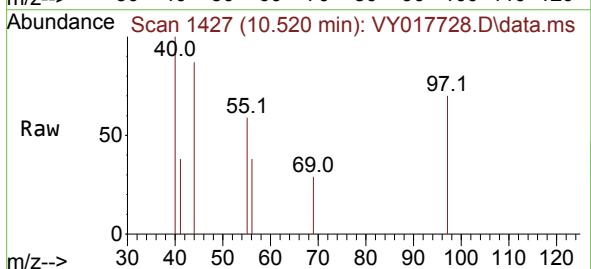
Instrument :
MSVOA_Y
ClientSampleId :

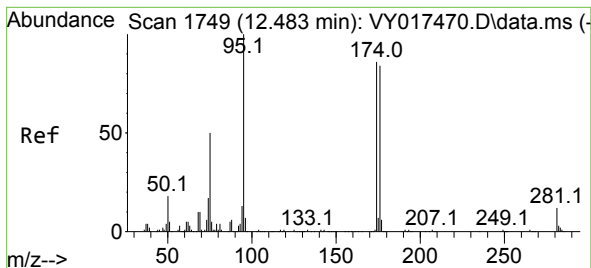
Tgt Ion: 43 Resp: 1173
Ion Ratio Lower Upper
43 100
58 175.1 35.7 53.5#



#56
Ethyl methacrylate
Concen: 2.547 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY017728.D
Acq: 20 Mar 2024 15:54

Tgt Ion: 69 Resp: 20
Ion Ratio Lower Upper
69 100
41 540.0 42.3 63.5#
39 0.0 22.9 34.3#

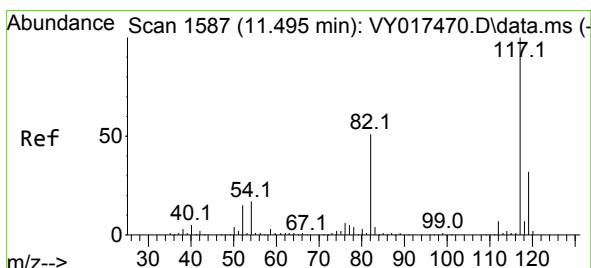
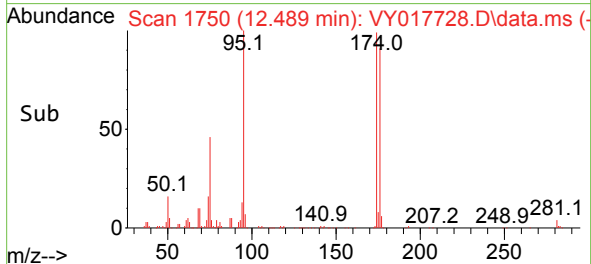
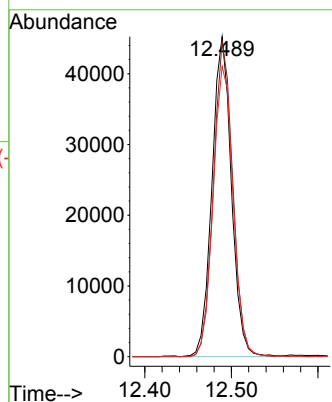
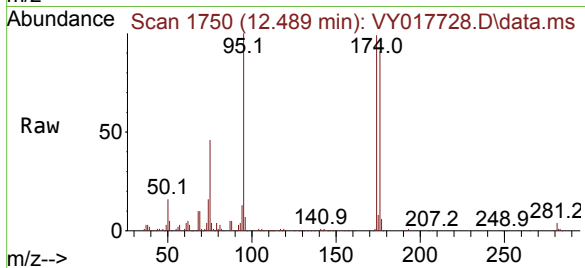




#62
4-Bromofluorobenzene
Concen: 33.700 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017728.D
Acq: 20 Mar 2024 15:54

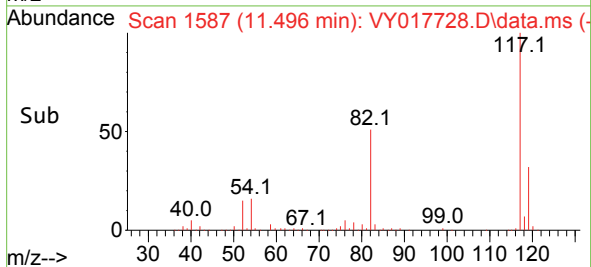
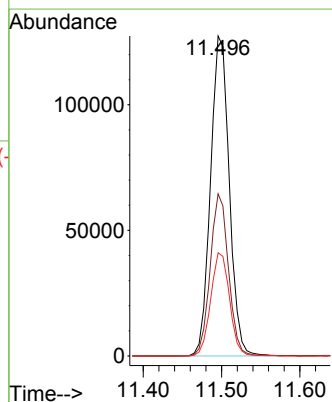
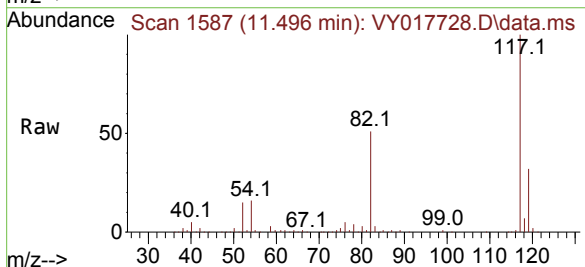
Instrument :
MSVOA_Y
ClientSampleId :

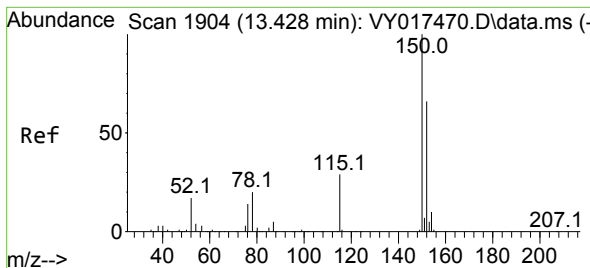
Tgt Ion: 95 Resp: 70474
Ion Ratio Lower Upper
95 100
174 98.1 0.0 175.6
176 93.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017728.D
Acq: 20 Mar 2024 15:54

Tgt Ion: 117 Resp: 211610
Ion Ratio Lower Upper
117 100
82 50.6 42.4 63.6
119 32.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1904

Delta R.T. 0.006 min

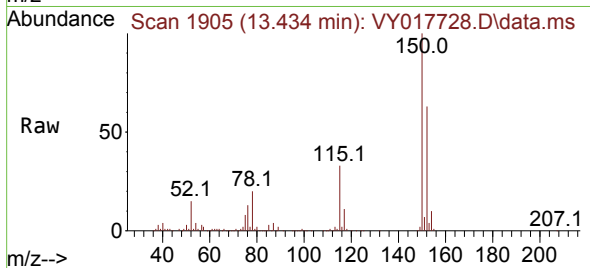
Lab File: VY017728.D

Acq: 20 Mar 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :



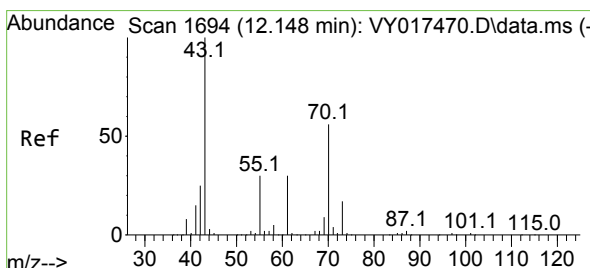
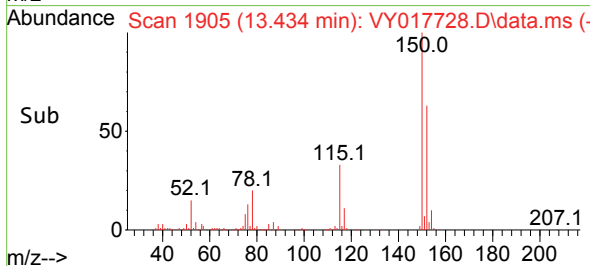
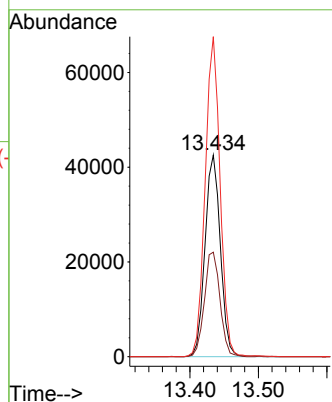
Tgt Ion:152 Resp: 66417

Ion Ratio Lower Upper

152 100

115 52.6 28.2 84.7

150 154.0 0.0 345.6



#74

N-ethyl acetate

Concen: 1.343 ug/l

RT: 12.130 min Scan# 1691

Delta R.T. -0.018 min

Lab File: VY017728.D

Acq: 20 Mar 2024 15:54

Tgt Ion: 43 Resp: 1169

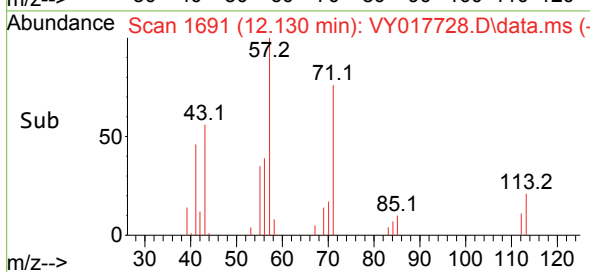
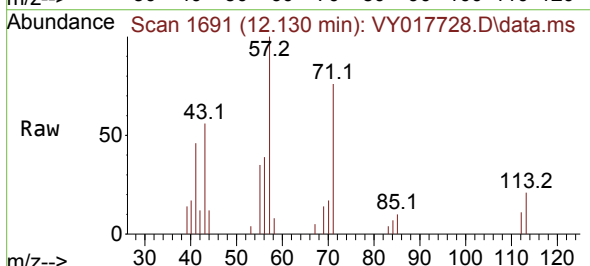
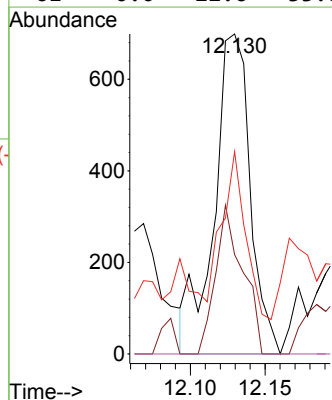
Ion Ratio Lower Upper

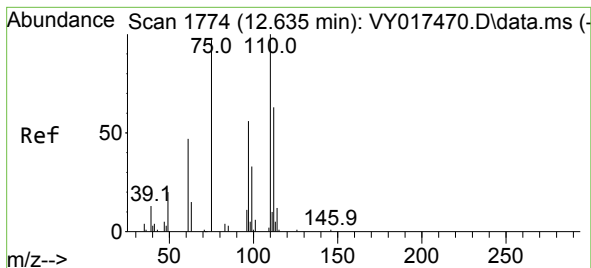
43 100

70 35.1 41.4 62.2#

55 34.6 23.3 34.9

61 0.0 22.6 33.8#





#76

1,2,3-Trichloropropane

Concen: 52.470 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017728.D

Acq: 20 Mar 2024 15:54

Instrument :

MSVOA_Y

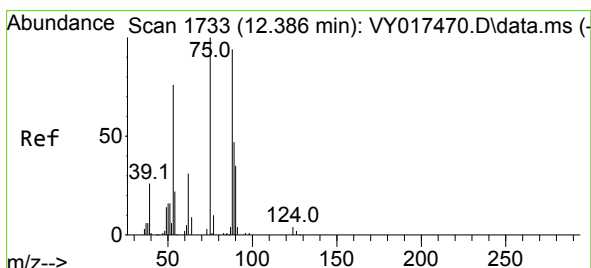
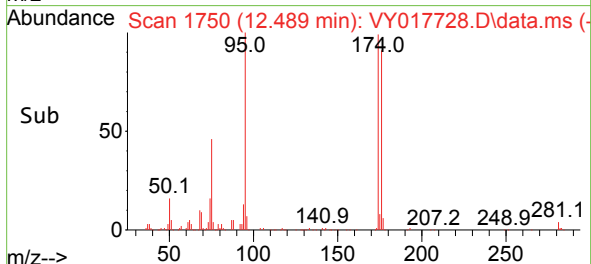
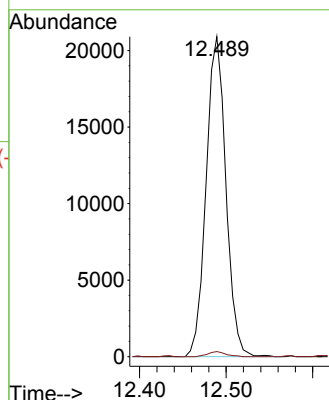
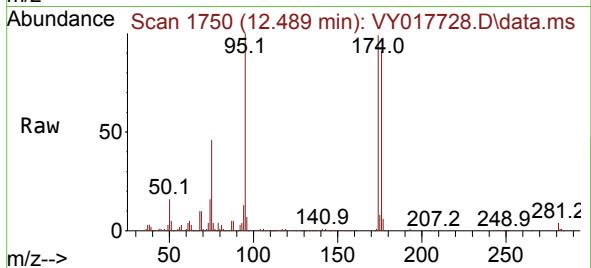
ClientSampleId :

Tgt Ion: 75 Resp: 33112

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 120.565 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY017728.D

Acq: 20 Mar 2024 15:54

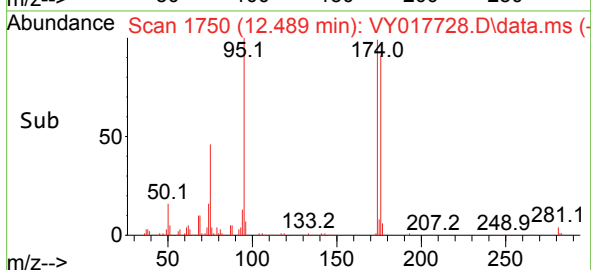
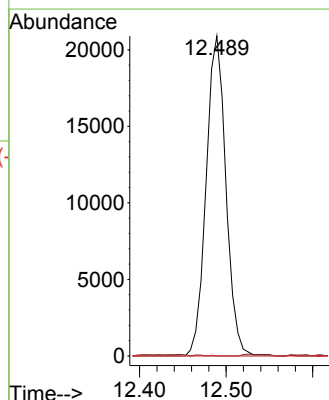
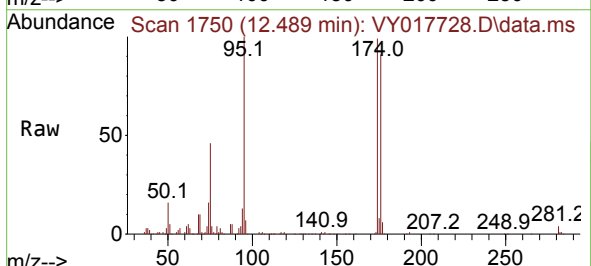
Tgt Ion: 75 Resp: 33112

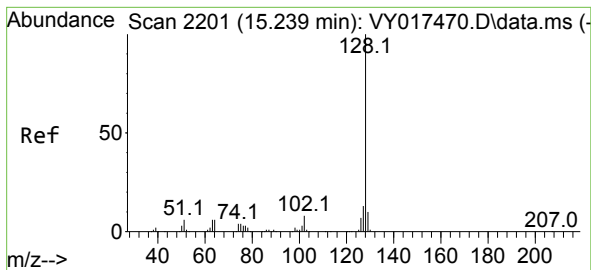
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.1 35.8 53.6#





#95

Naphthalene

Concen: 4.084 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

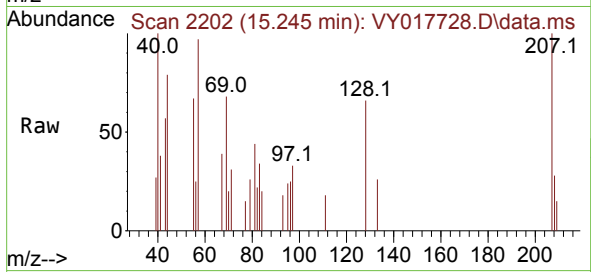
Lab File: VY017728.D

Acq: 20 Mar 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 383

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#

