

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017325.D
 Acq On : 08 Feb 2024 20:10
 Operator : SY/MD
 Sample : P1339-03
 Misc : 3.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 09 00:17:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	41085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	76474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	67660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	23314	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	22197	60.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.960%
35) Dibromofluoromethane	7.722	113	19623	47.524	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.040%
50) Toluene-d8	10.185	98	71991	47.886	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.489	95	19100	38.783	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.560%

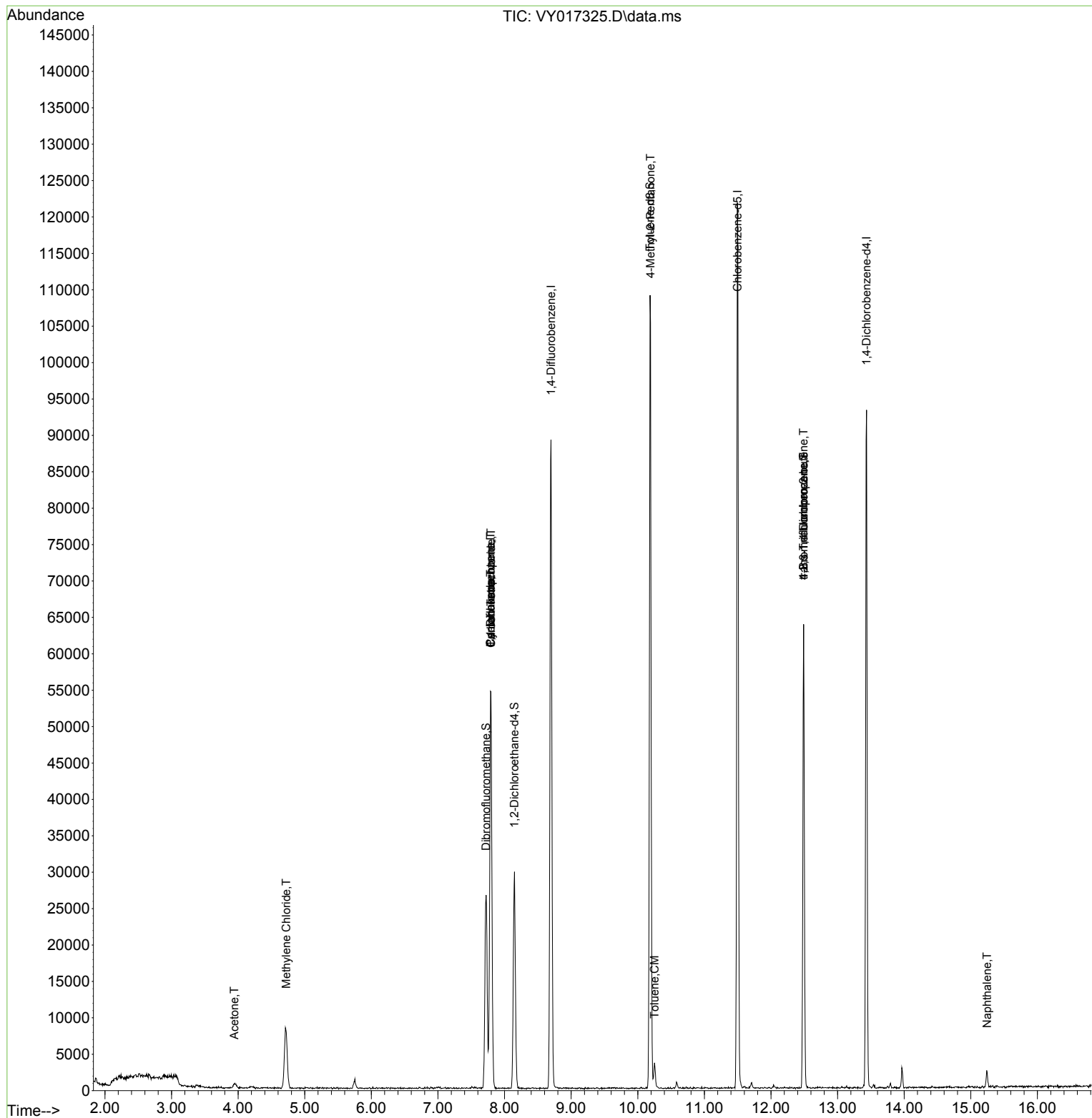
Target Compounds					Qvalue	
16) Acetone	3.942	43	1024	9.493	ug/l #	73
20) Methylene Chloride	4.723	84	6149	11.199	ug/l	96
31) Cyclohexane	7.789	56	993	1.342	ug/l #	48
36) 1,1-Dichloropropene	7.789	75	3562	5.001	ug/l #	47
38) Carbon Tetrachloride	7.795	117	4129	6.055	ug/l #	17
51) 4-Methyl-2-Pentanone	10.191	43	314	1.002	ug/l #	1
52) Toluene	10.252	92	1438	1.171	ug/l	85
76) 1,2,3-Trichloropropane	12.489	75	9826	45.663	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	9826	94.882	ug/l #	12
95) Naphthalene	15.245	128	2254	6.828	ug/l	96

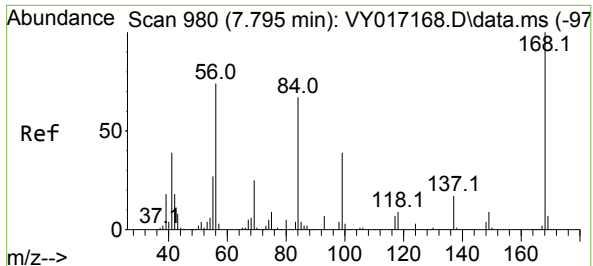
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
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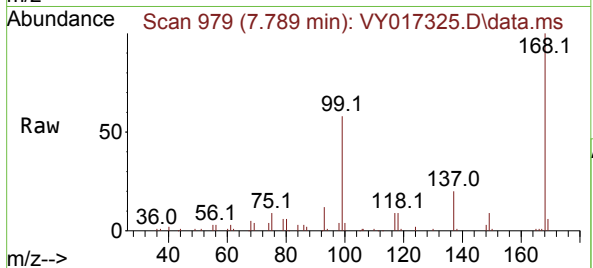
Quant Time: Feb 09 00:17:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration



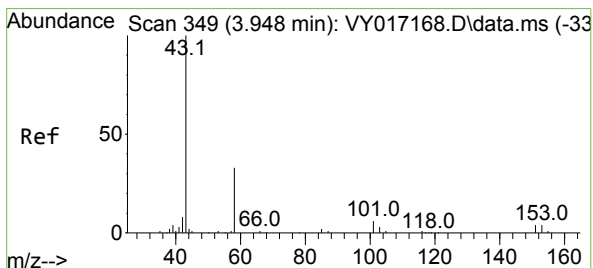
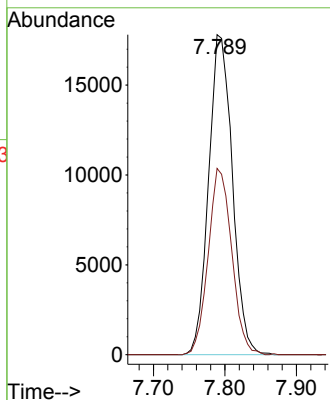
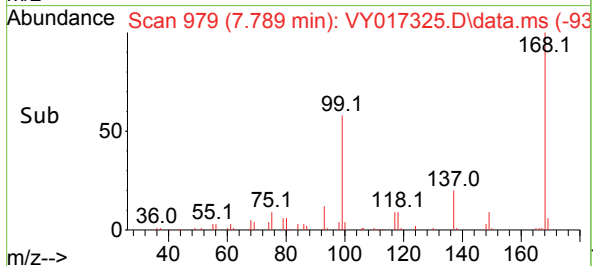


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017325.D
Acq: 08 Feb 2024 20:10

Instrument :
MSVOA_Y
ClientSampleId :

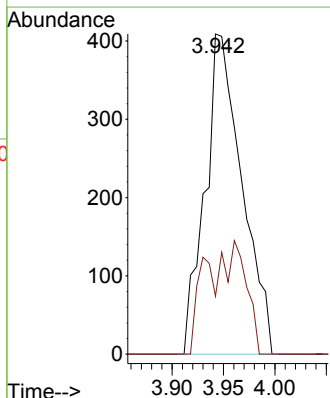
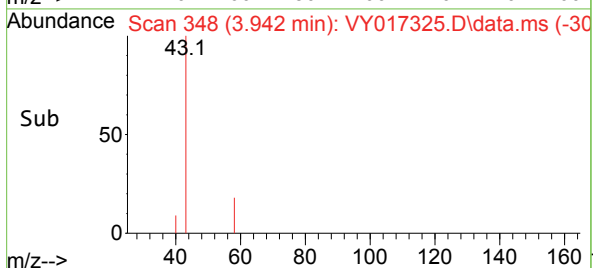
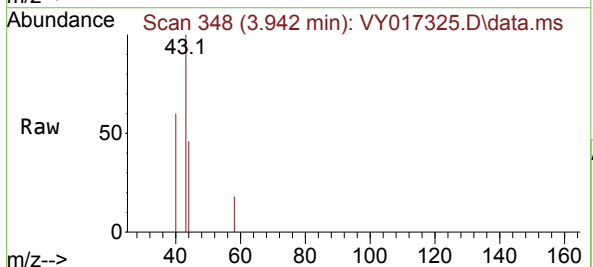


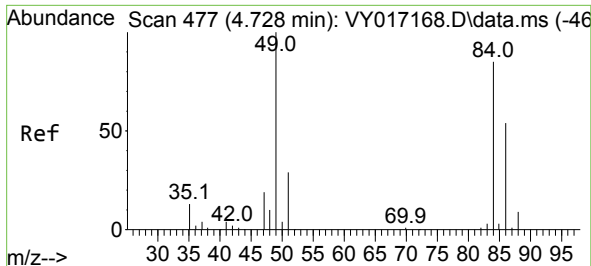
Tgt Ion:168 Resp: 41085
Ion Ratio Lower Upper
168 100
99 58.2 44.2 66.4



#16
Acetone
Concen: 9.493 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY017325.D
Acq: 08 Feb 2024 20:10

Tgt Ion: 43 Resp: 1024
Ion Ratio Lower Upper
43 100
58 18.1 26.6 39.8#





#20

Methylene Chloride

Concen: 11.199 ug/l

RT: 4.723 min Scan# 41

Delta R.T. -0.005 min

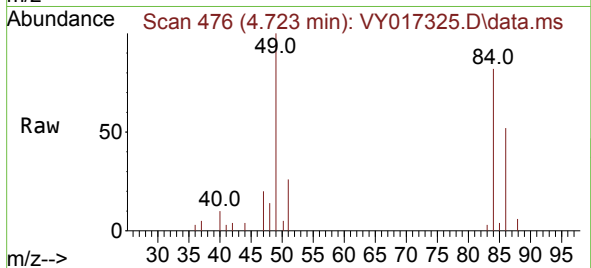
Lab File: VY017325.D

Acq: 08 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 6149

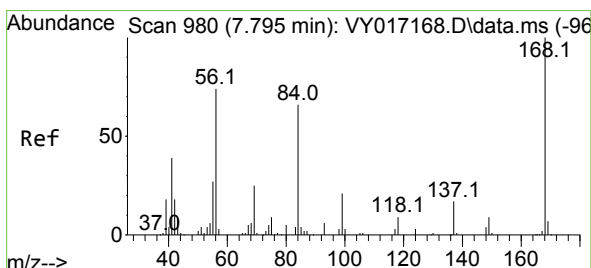
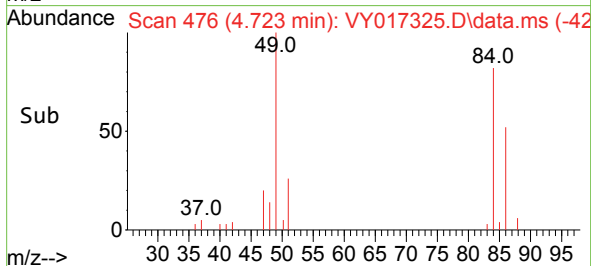
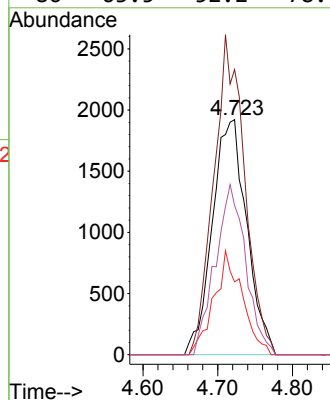
Ion Ratio Lower Upper

84 100

49 121.3 95.2 142.8

51 31.0 29.9 44.9

86 63.5 52.2 78.4



#31

Cyclohexane

Concen: 1.342 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.006 min

Lab File: VY017325.D

Acq: 08 Feb 2024 20:10

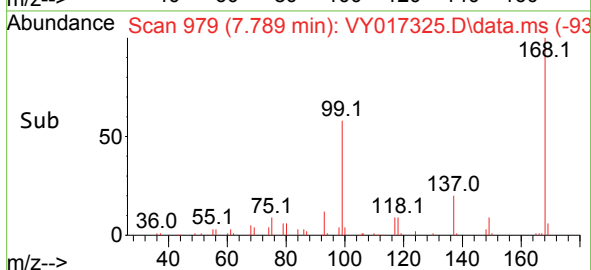
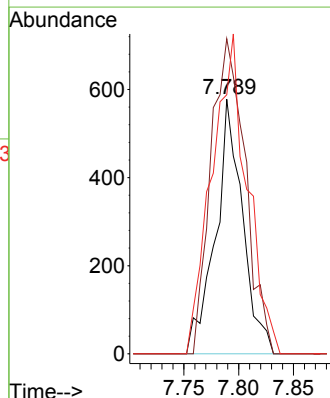
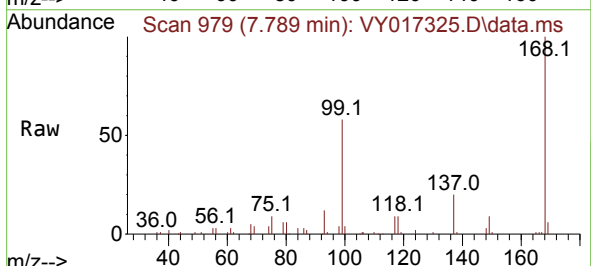
Tgt Ion: 56 Resp: 993

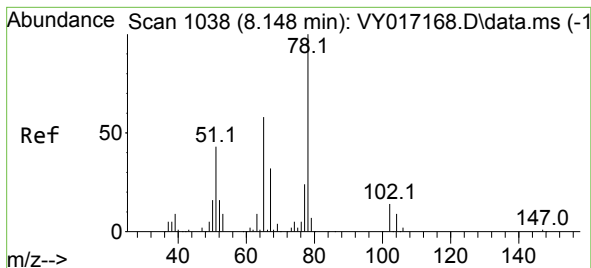
Ion Ratio Lower Upper

56 100

69 123.7 27.0 40.6#

84 101.7 71.8 107.6





#33

1,2-Dichloroethane-d4

Concen: 60.478 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017325.D

Acq: 08 Feb 2024 20:10

Instrument :

MSVOA_Y

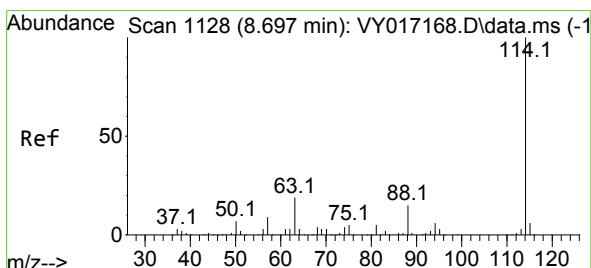
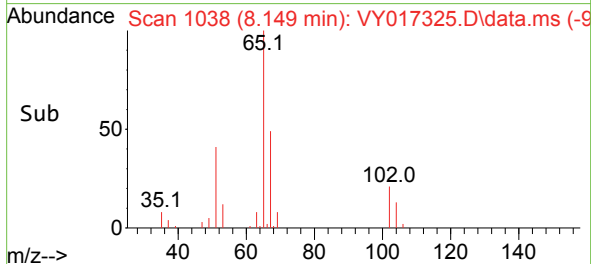
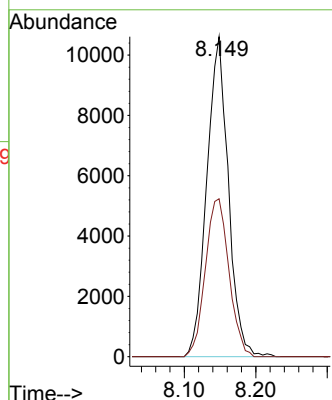
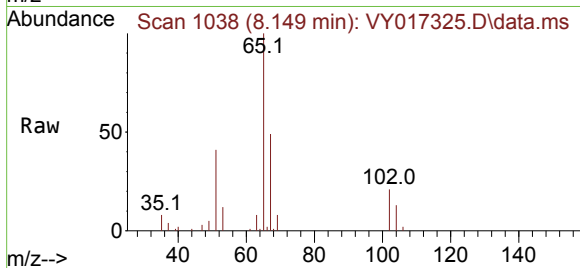
ClientSampleId :

Tgt Ion: 65 Resp: 22197

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017325.D

Acq: 08 Feb 2024 20:10

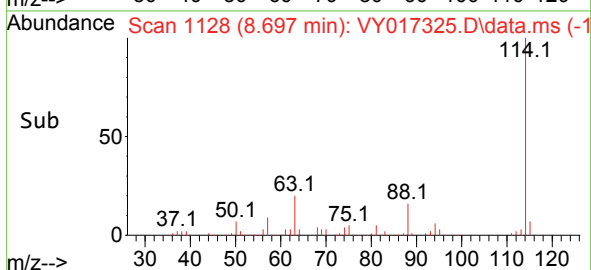
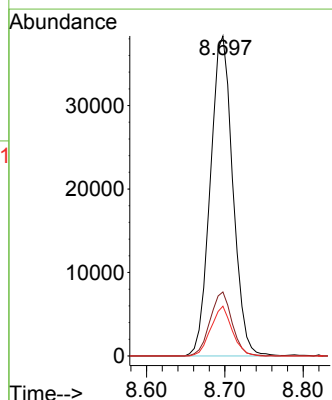
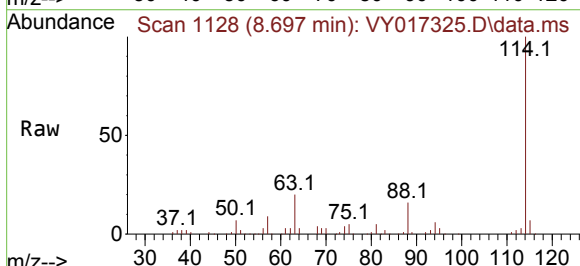
Tgt Ion: 114 Resp: 76474

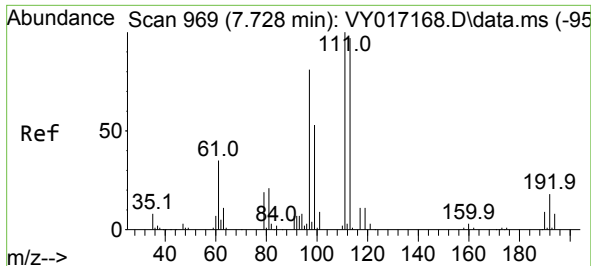
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

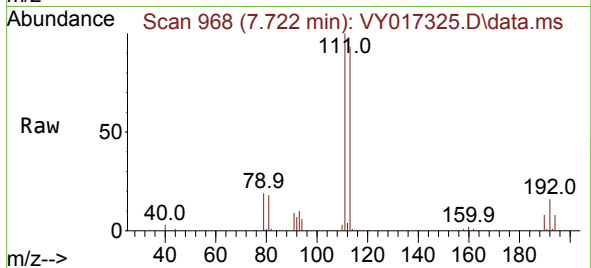
88 15.6 0.0 29.0



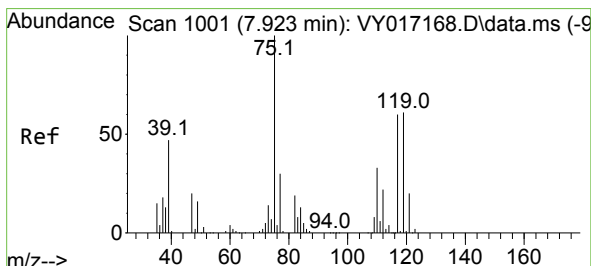
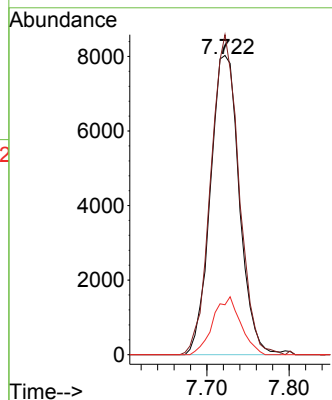
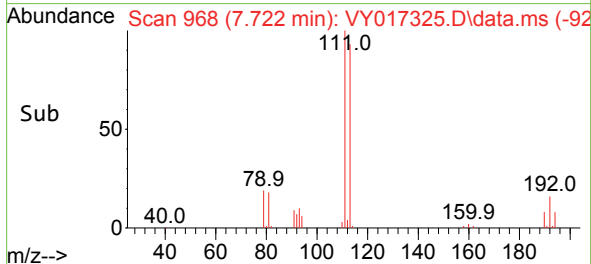


#35
Dibromofluoromethane
Concen: 47.524 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY017325.D
Acq: 08 Feb 2024 20:10

Instrument :
MSVOA_Y
ClientSampleId :

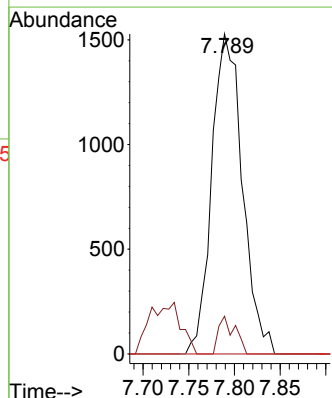
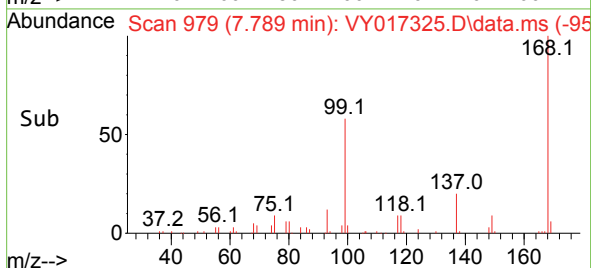
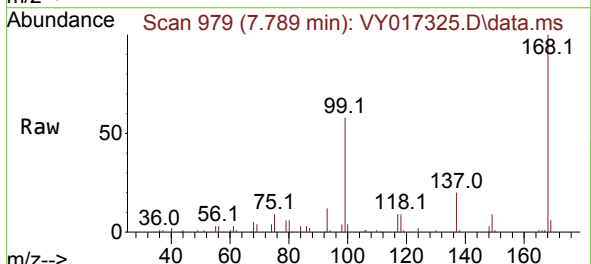


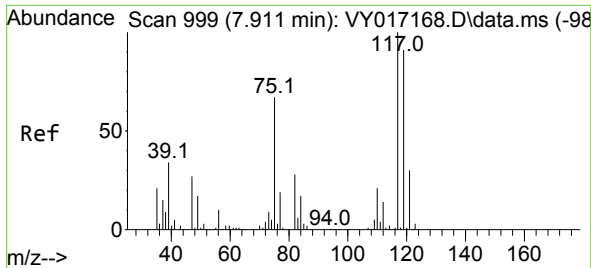
Tgt Ion:113 Resp: 19623
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 18.5 14.5 21.7



#36
1,1-Dichloropropene
Concen: 5.001 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY017325.D
Acq: 08 Feb 2024 20:10

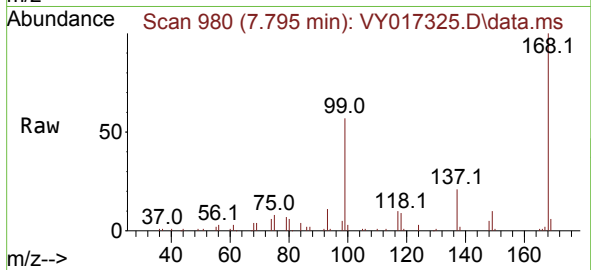
Tgt Ion: 75 Resp: 3562
Ion Ratio Lower Upper
75 100
110 6.3 17.4 52.3#
77 0.0 24.7 37.1#



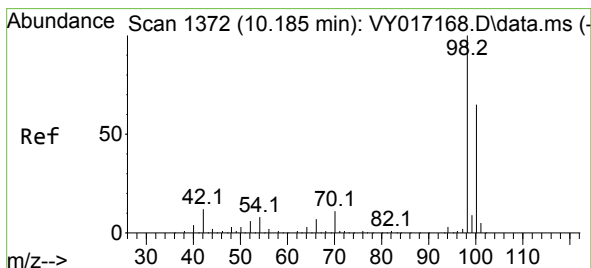
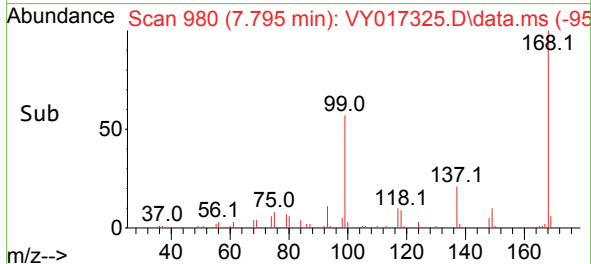
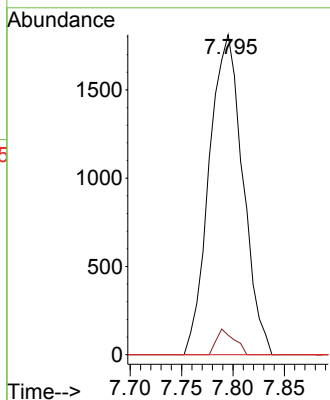


#38
Carbon Tetrachloride
Concen: 6.055 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY017325.D
Acq: 08 Feb 2024 20:10

Instrument :
MSVOA_Y
ClientSampleId :

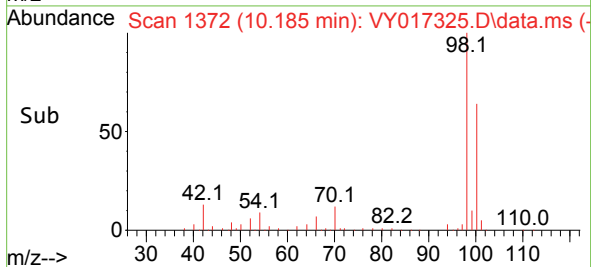
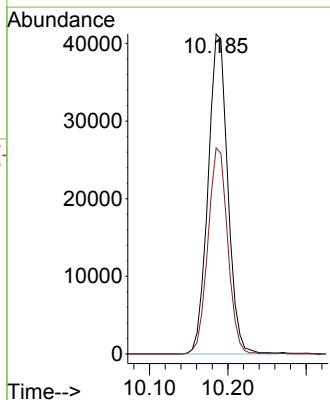
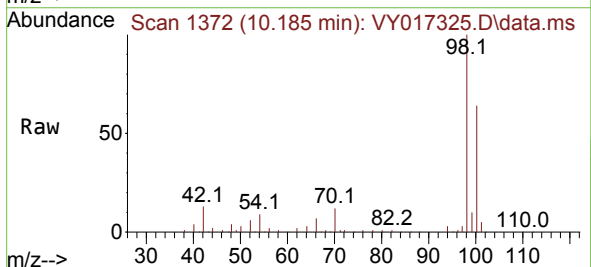


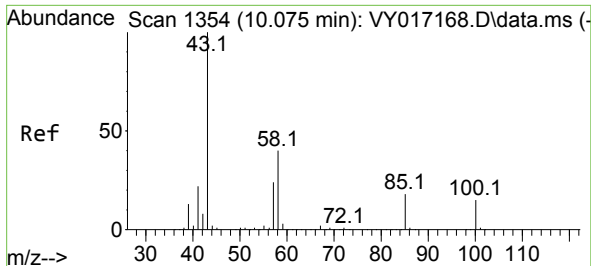
Tgt Ion:117 Resp: 4129
Ion Ratio Lower Upper
117 100
119 6.1 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.886 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017325.D
Acq: 08 Feb 2024 20:10

Tgt Ion: 98 Resp: 71991
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5

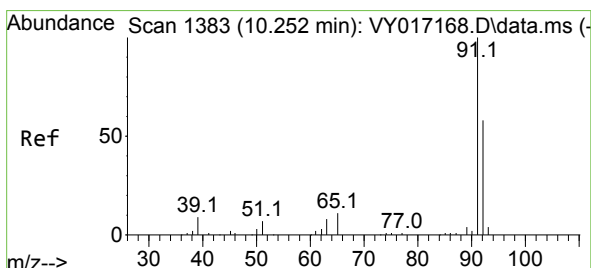
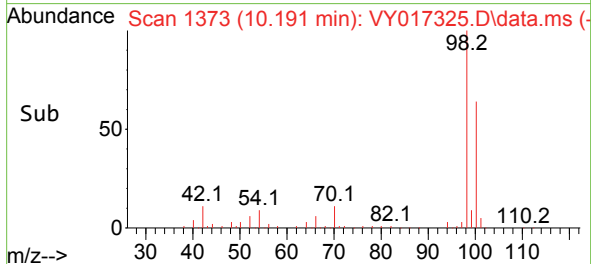
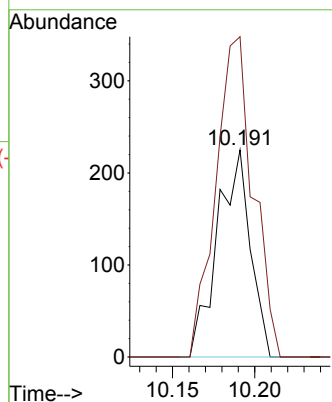
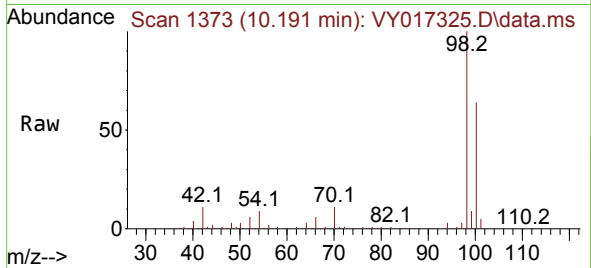




#51
4-Methyl-2-Pentanone
Concen: 1.002 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.116 min
Lab File: VY017325.D
Acq: 08 Feb 2024 20:10

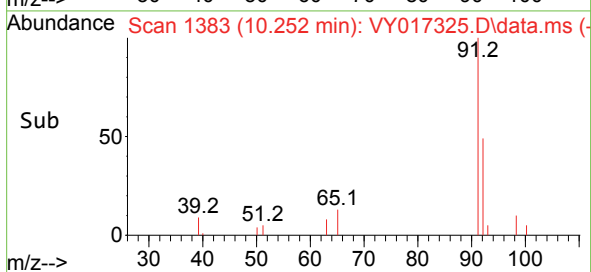
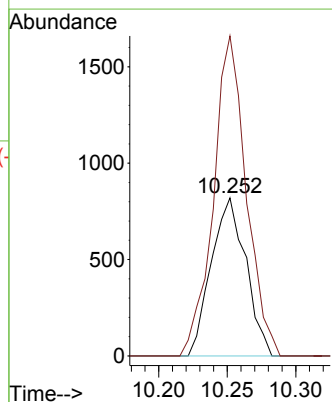
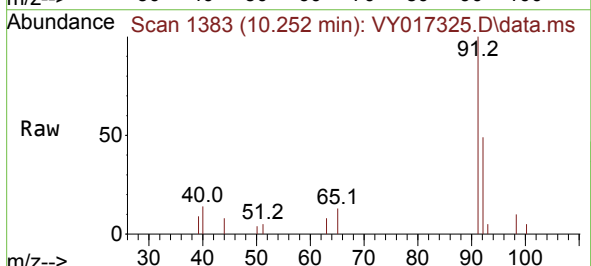
Instrument :
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ClientSampleId :

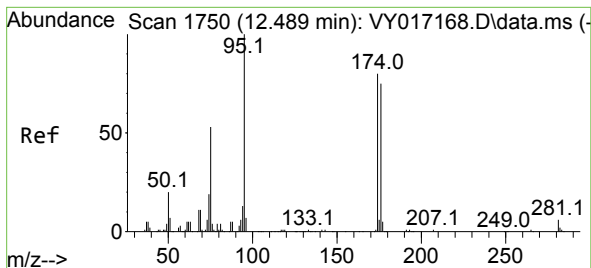
Tgt Ion: 43 Resp: 314
Ion Ratio Lower Upper
43 100
58 175.8 32.2 48.2#



#52
Toluene
Concen: 1.171 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017325.D
Acq: 08 Feb 2024 20:10

Tgt Ion: 92 Resp: 1438
Ion Ratio Lower Upper
92 100
91 192.7 137.6 206.4

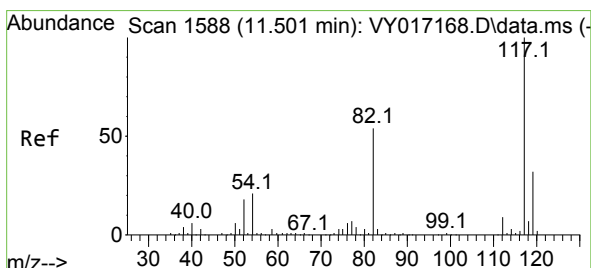
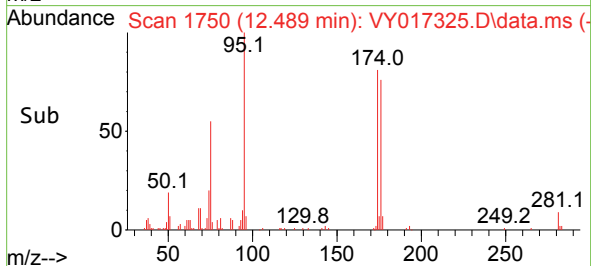
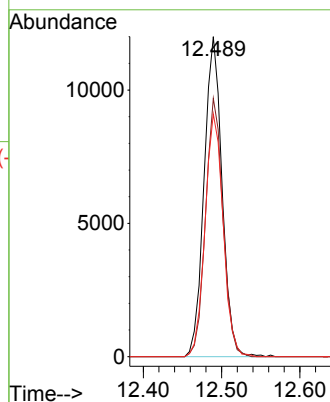
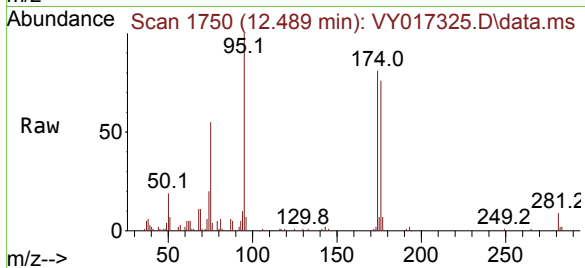




#62
4-Bromofluorobenzene
Concen: 38.783 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017325.D
Acq: 08 Feb 2024 20:10

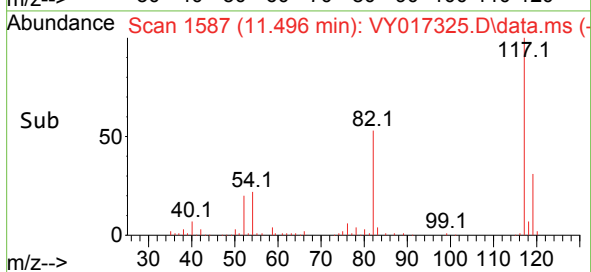
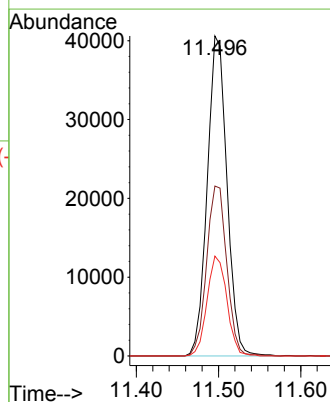
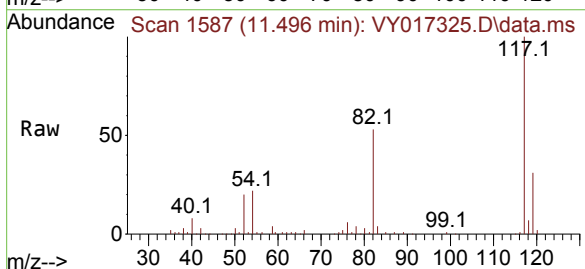
Instrument :
MSVOA_Y
ClientSampleId :

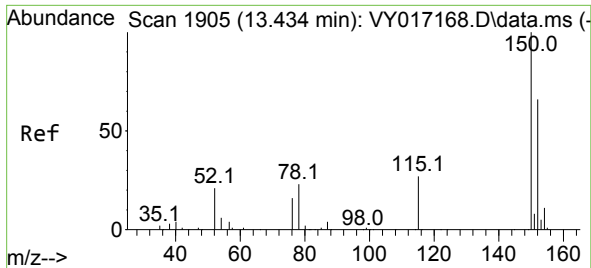
Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	160.0
176	76.3	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017325.D
Acq: 08 Feb 2024 20:10

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.8	65.8
119	31.2	26.5	39.7

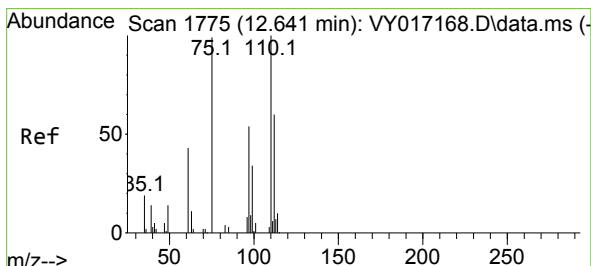
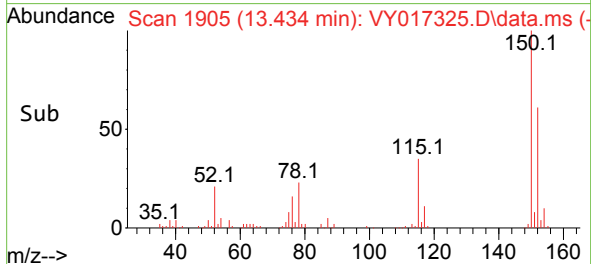
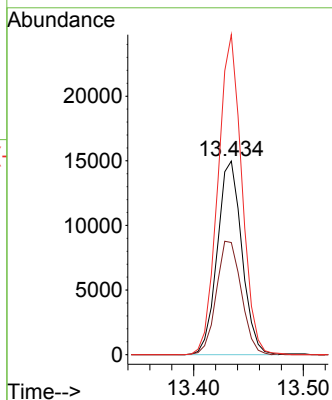
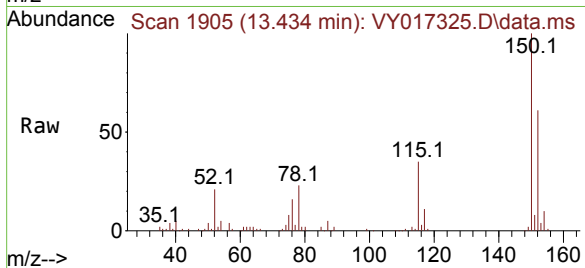




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017325.D
 Acq: 08 Feb 2024 20:10

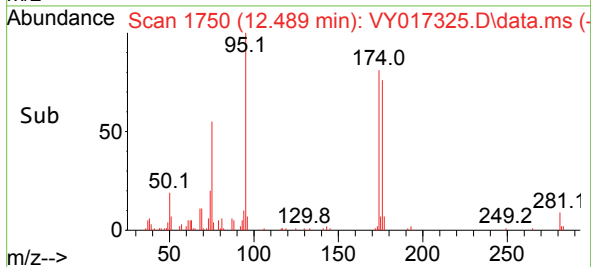
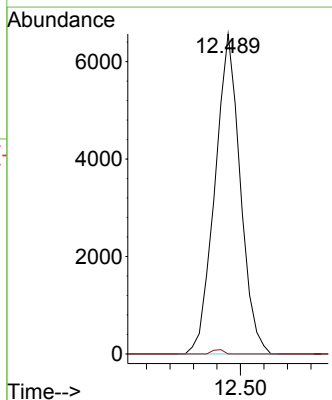
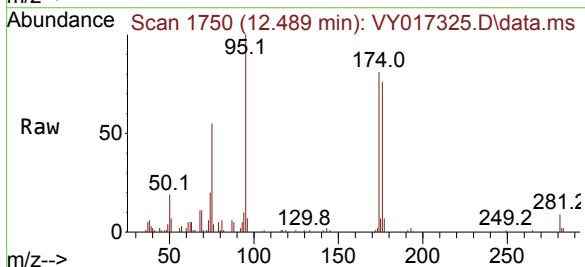
Instrument :
 MSVOA_Y
 ClientSampleId :

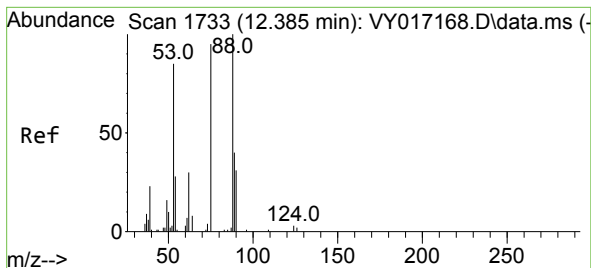
Tgt Ion:152 Resp: 23314
 Ion Ratio Lower Upper
 152 100
 115 59.5 30.0 90.0
 150 160.7 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 45.663 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.152 min
 Lab File: VY017325.D
 Acq: 08 Feb 2024 20:10

Tgt Ion: 75 Resp: 9826
 Ion Ratio Lower Upper
 75 100
 77 0.6 0.0 0.0#

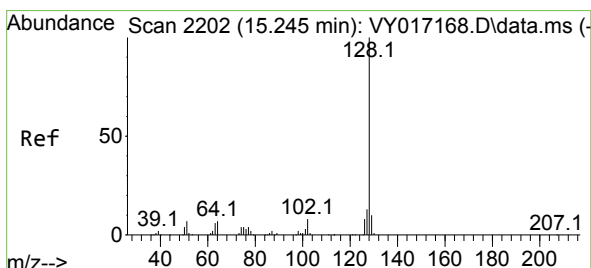
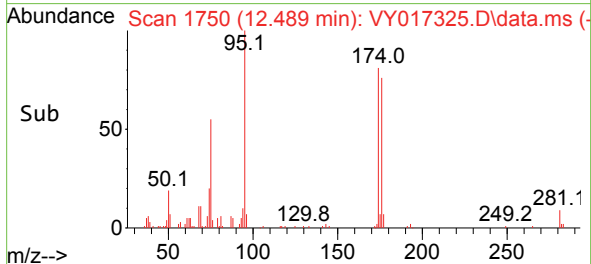
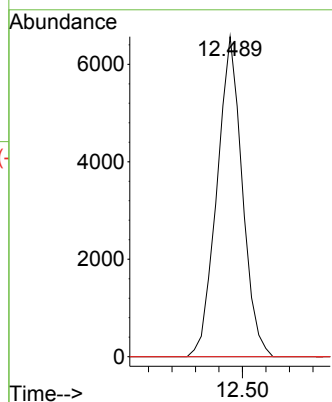
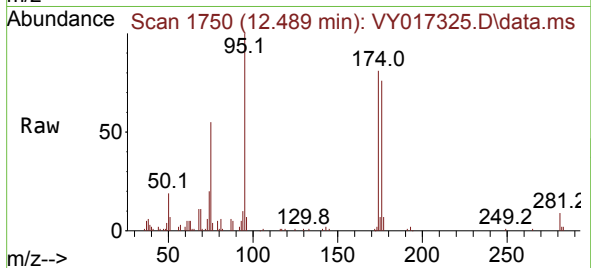




#81
trans-1,4-Dichloro-2-butene
Concen: 94.882 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017325.D
Acq: 08 Feb 2024 20:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 9826
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 6.828 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY017325.D
Acq: 08 Feb 2024 20:10

Tgt Ion: 128 Resp: 2254
Ion Ratio Lower Upper
128 100
127 14.7 10.2 15.4
129 9.9 8.6 12.8

