

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017326.D
 Acq On : 08 Feb 2024 20:34
 Operator : SY/MD
 Sample : P1389-15
 Misc : 5.63g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 09 00:17:39 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)

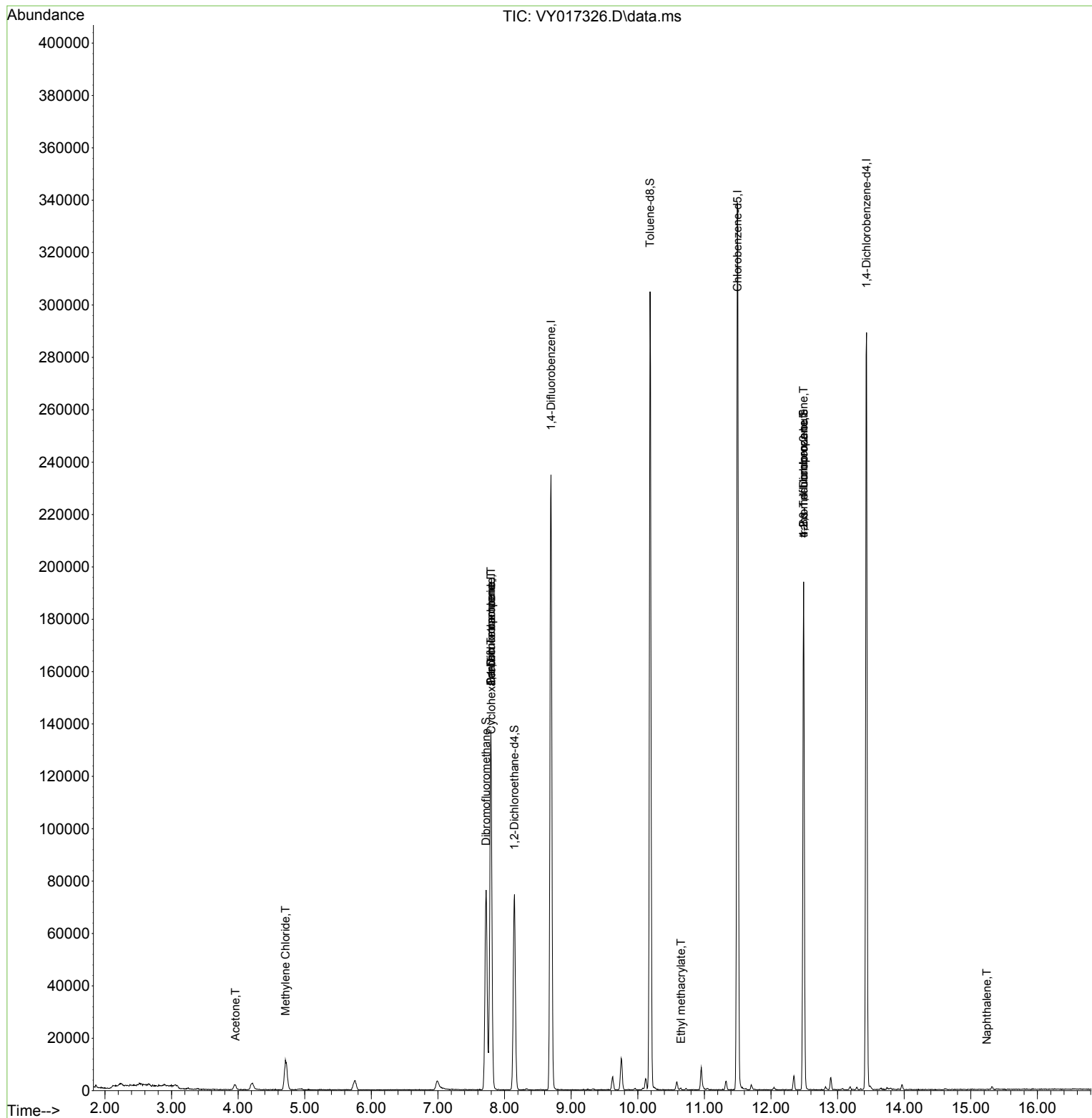
Internal Standards						
1) Pentafluorobenzene	7.795	168	102355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	205043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	183048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	55302	60.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.960%	
35) Dibromofluoromethane	7.722	113	54303	49.050	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.100%	
50) Toluene-d8	10.185	98	195717	48.555	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.100%	
62) 4-Bromofluorobenzene	12.489	95	56536	42.816	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	290	Below Cal	#	75
16) Acetone	3.960	43	3569	13.280	ug/l	93
20) Methylene Chloride	4.710	84	8441	4.479	ug/l	88
31) Cyclohexane	7.801	56	2051	1.113	ug/l	# 4
36) 1,1-Dichloropropene	7.795	75	8539	4.471	ug/l	# 50
38) Carbon Tetrachloride	7.795	117	10383	5.679	ug/l	# 17
56) Ethyl methacrylate	10.648	69	21	3.019	ug/l	# 1
76) 1,2,3-Trichloropropane	12.489	75	29319	43.976	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	29319	91.376	ug/l	# 12
95) Naphthalene	15.239	128	205	3.522	ug/l	# 69

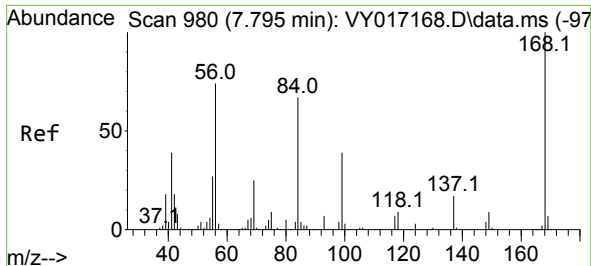
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 09 00:17:39 2024
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Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

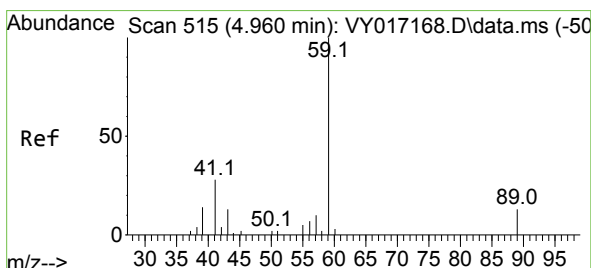
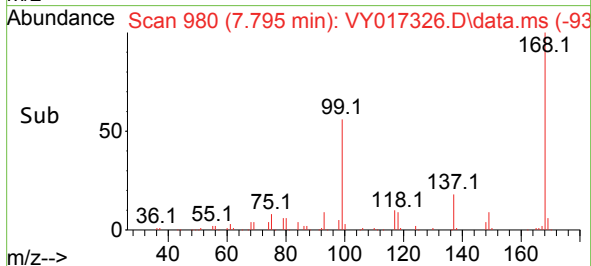
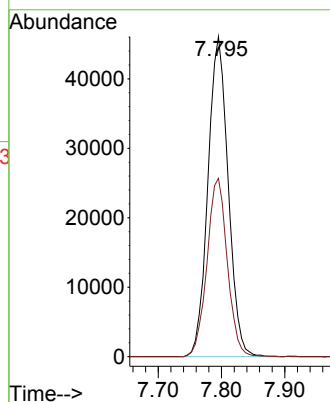
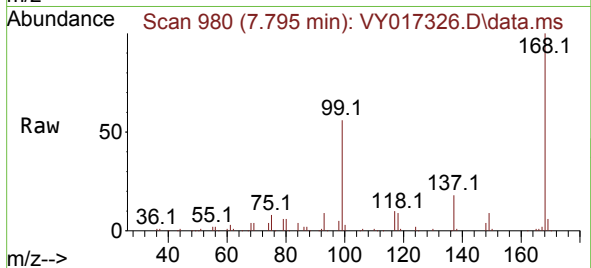




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017326.D
Acq: 08 Feb 2024 20:34

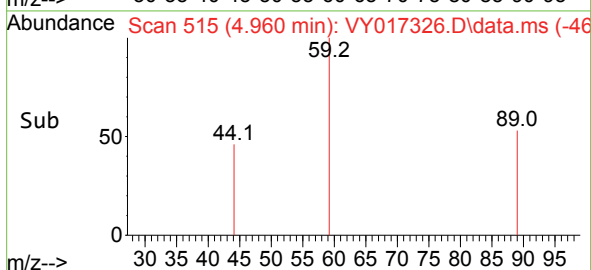
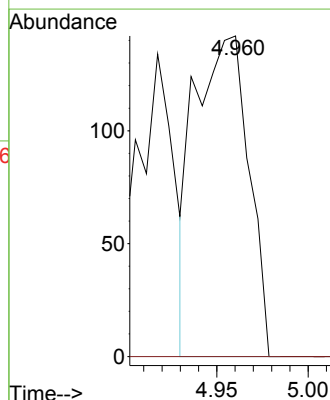
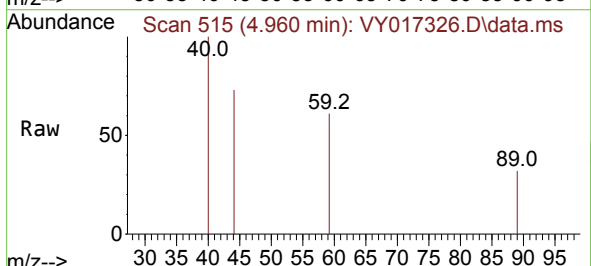
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 102355
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY017326.D
Acq: 08 Feb 2024 20:34

Tgt Ion: 59 Resp: 290
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 13.280 ug/l

RT: 3.960 min Scan# 31

Delta R.T. 0.013 min

Lab File: VY017326.D

Acq: 08 Feb 2024 20:34

Instrument :

MSVOA_Y

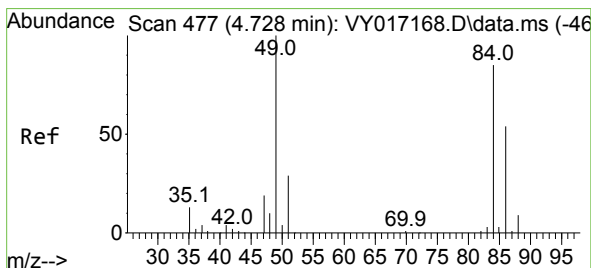
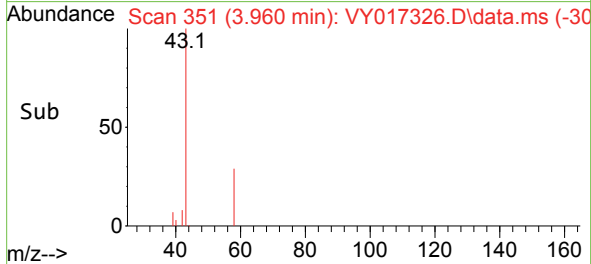
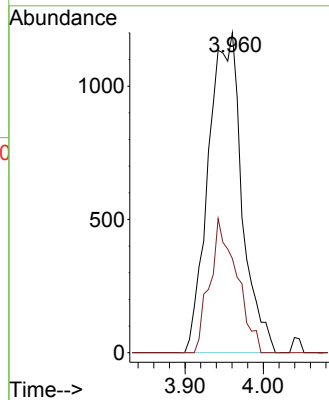
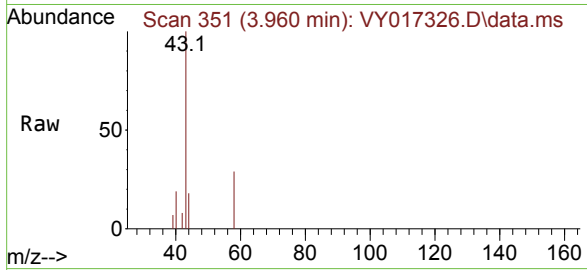
ClientSampleId :

Tgt Ion: 43 Resp: 3569

Ion Ratio Lower Upper

43 100

58 29.4 26.6 39.8



#20

Methylene Chloride

Concen: 4.479 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.018 min

Lab File: VY017326.D

Acq: 08 Feb 2024 20:34

Tgt Ion: 84 Resp: 8441

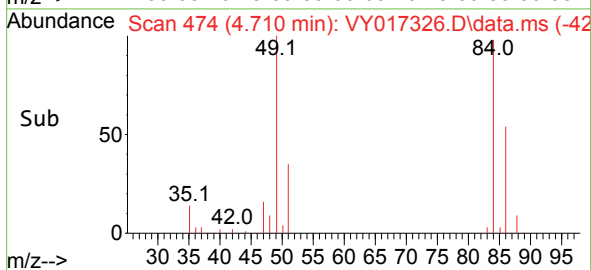
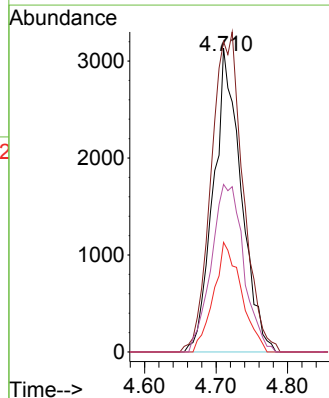
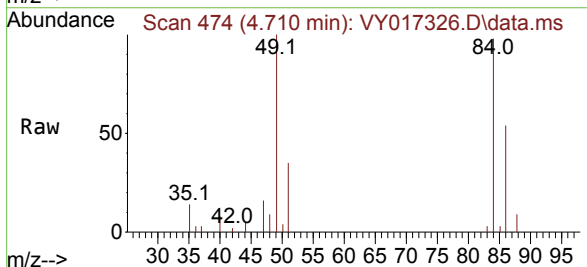
Ion Ratio Lower Upper

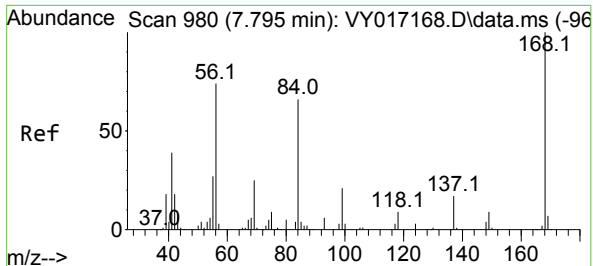
84 100

49 102.2 95.2 142.8

51 36.1 29.9 44.9

86 55.2 52.2 78.4

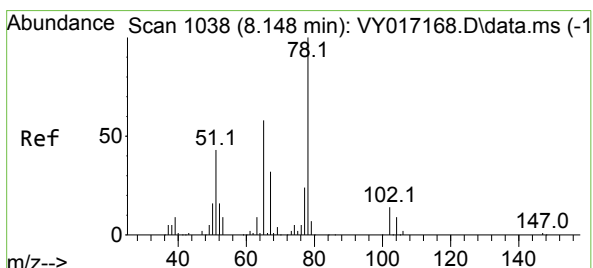
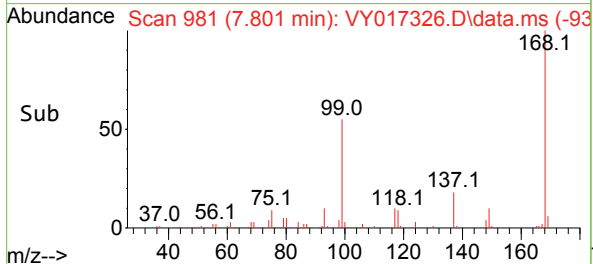
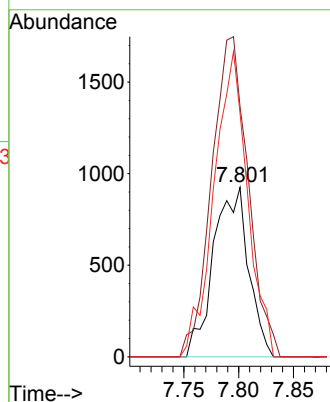
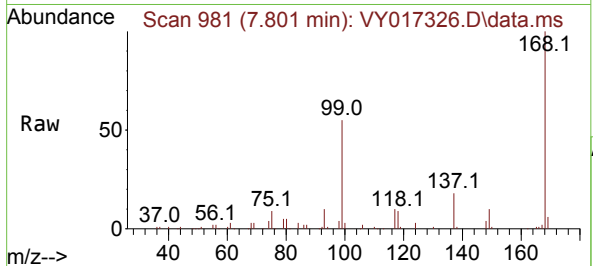




#31
Cyclohexane
Concen: 1.113 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.007 min
Lab File: VY017326.D
Acq: 08 Feb 2024 20:34

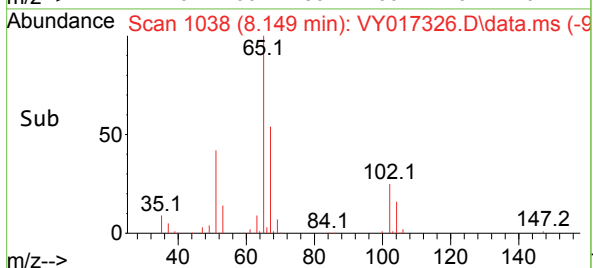
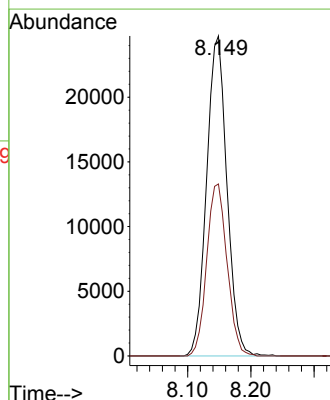
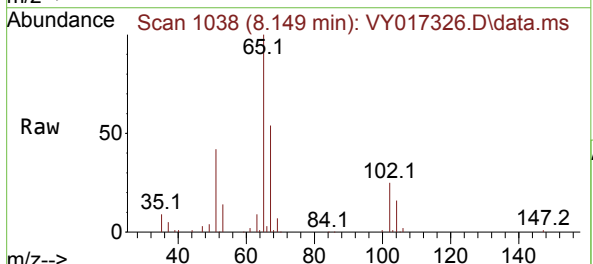
Instrument :
MSVOA_Y
ClientSampleId :

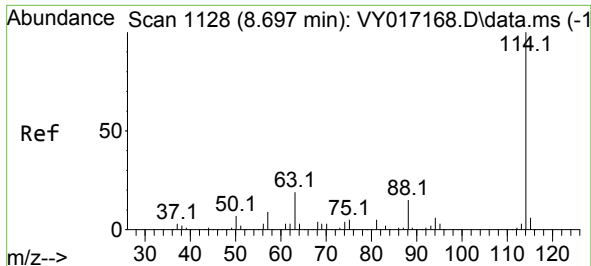
Tgt Ion: 56 Resp: 2051
Ion Ratio Lower Upper
56 100
69 147.6 27.0 40.6#
84 143.8 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 60.481 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017326.D
Acq: 08 Feb 2024 20:34

Tgt Ion: 65 Resp: 55302
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.0

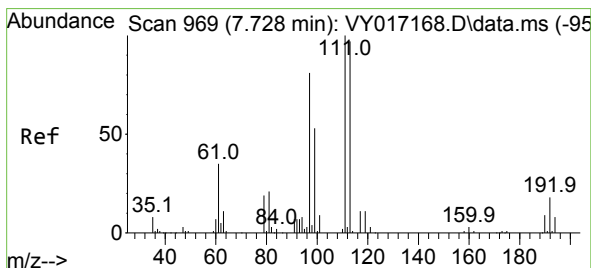
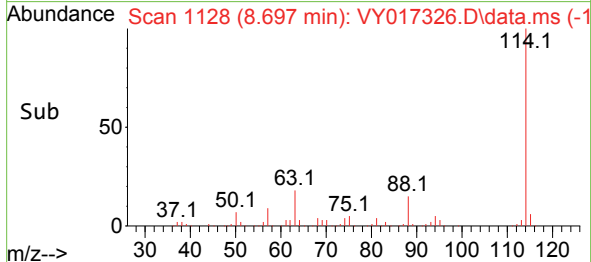
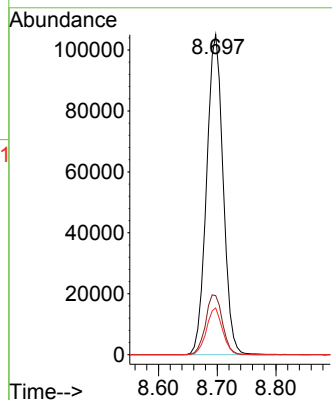
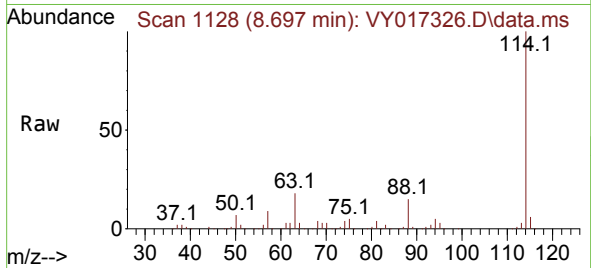




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017326.D
Acq: 08 Feb 2024 20:34

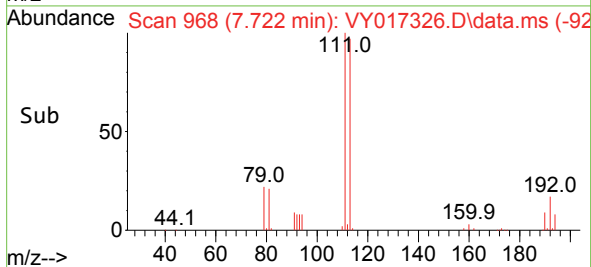
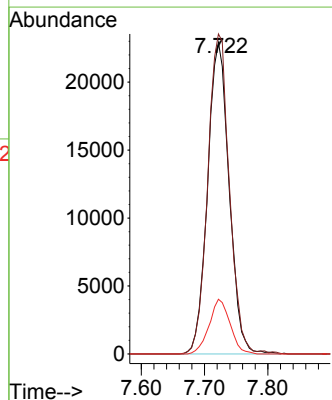
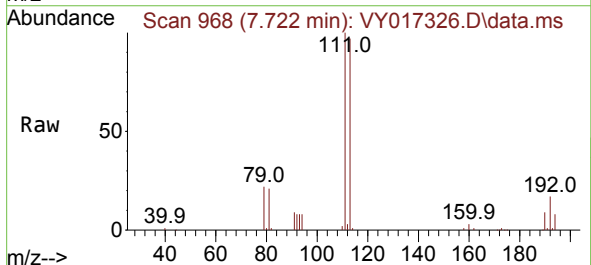
Instrument :
MSVOA_Y
ClientSampleId :

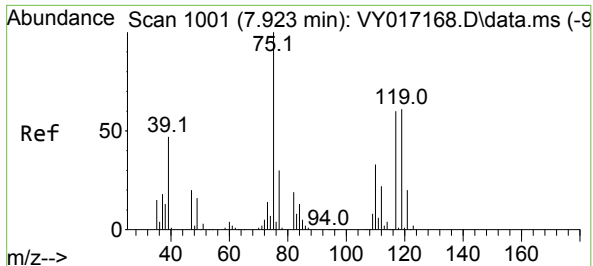
Tgt Ion:114 Resp: 205043
Ion Ratio Lower Upper
114 100
63 18.4 0.0 37.4
88 14.6 0.0 29.0



#35
Dibromofluoromethane
Concen: 49.050 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY017326.D
Acq: 08 Feb 2024 20:34

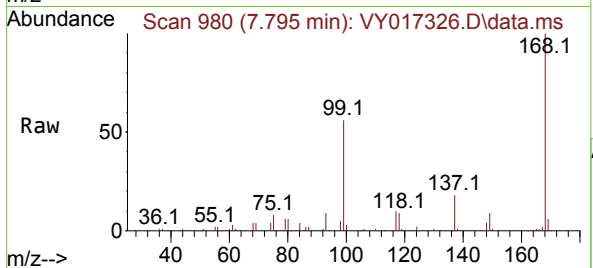
Tgt Ion:113 Resp: 54303
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.1 14.5 21.7



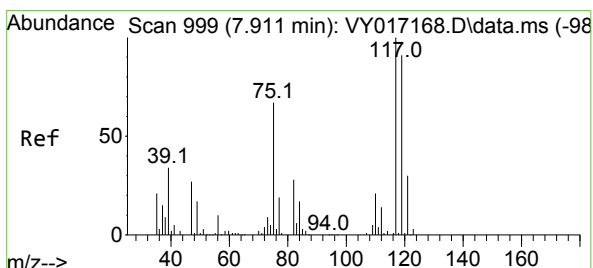
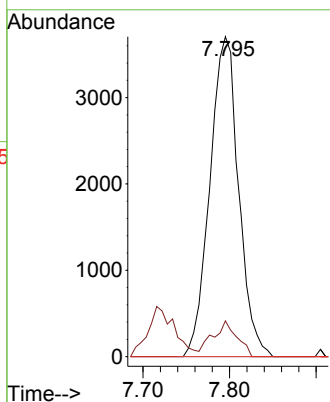
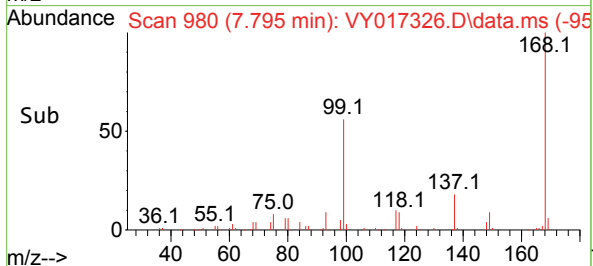


#36
1,1-Dichloropropene
Concen: 4.471 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY017326.D
Acq: 08 Feb 2024 20:34

Instrument :
MSVOA_Y
ClientSampleId :

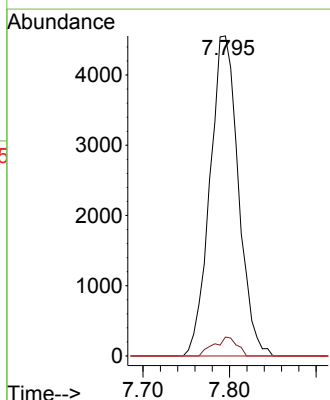
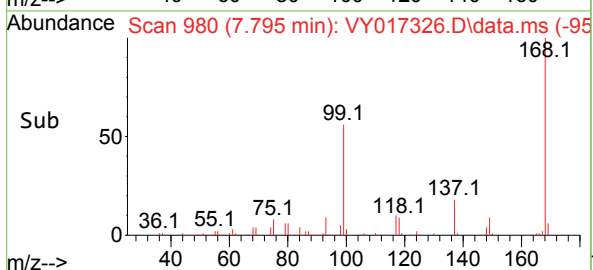
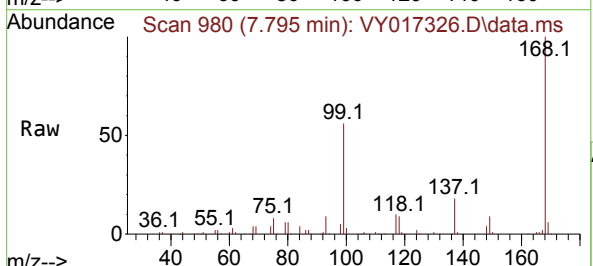


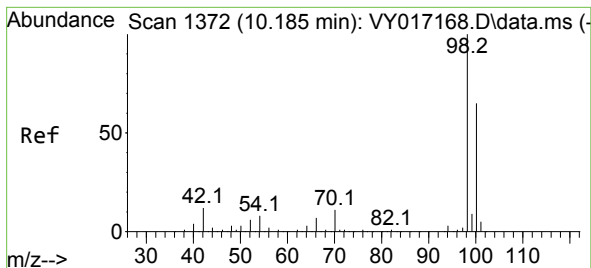
Tgt Ion: 75 Resp: 8539
Ion Ratio Lower Upper
75 100
110 9.4 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.679 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.115 min
Lab File: VY017326.D
Acq: 08 Feb 2024 20:34

Tgt Ion: 117 Resp: 10383
Ion Ratio Lower Upper
117 100
119 5.9 76.0 114.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 48.555 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017326.D

Acq: 08 Feb 2024 20:34

Instrument :

MSVOA_Y

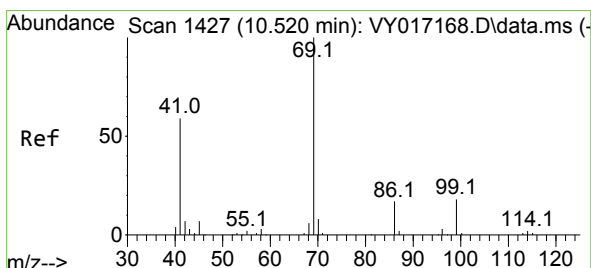
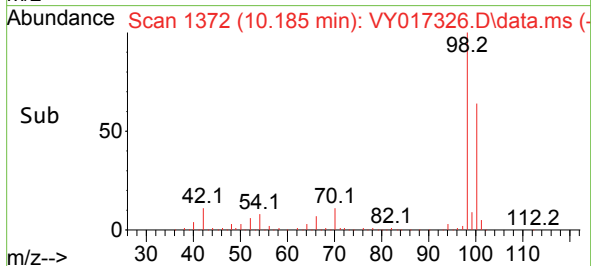
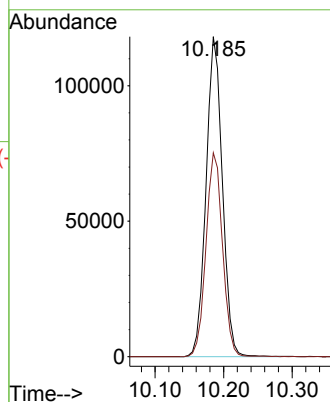
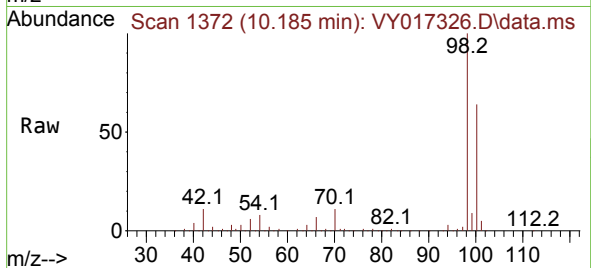
ClientSampleId :

Tgt Ion: 98 Resp: 195717

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5



#56

Ethyl methacrylate

Concen: 3.019 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.128 min

Lab File: VY017326.D

Acq: 08 Feb 2024 20:34

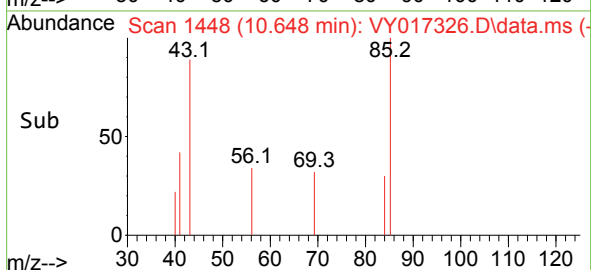
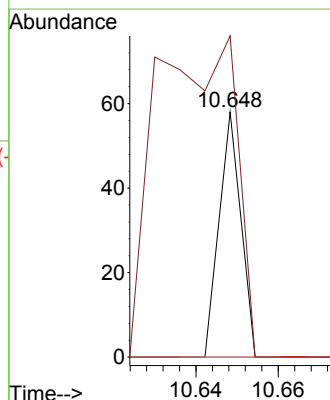
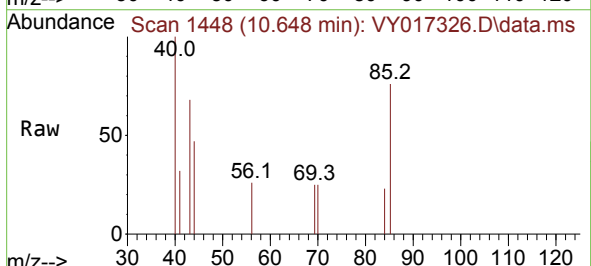
Tgt Ion: 69 Resp: 21

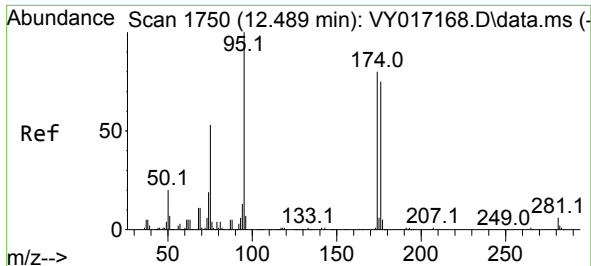
Ion Ratio Lower Upper

69 100

41 485.7 49.2 73.8#

39 0.0 26.8 40.2#

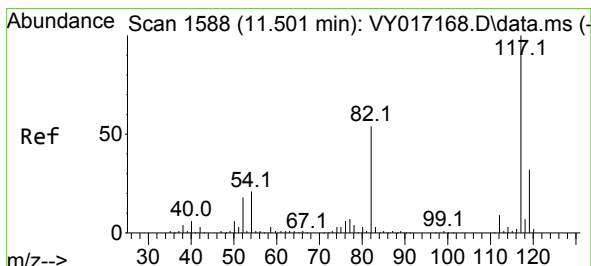
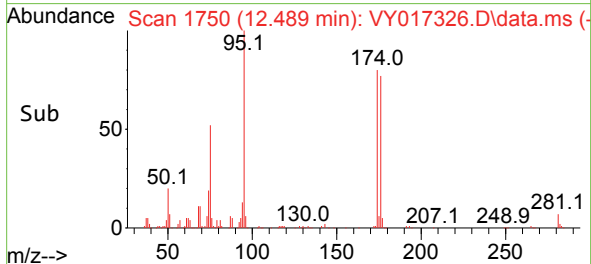
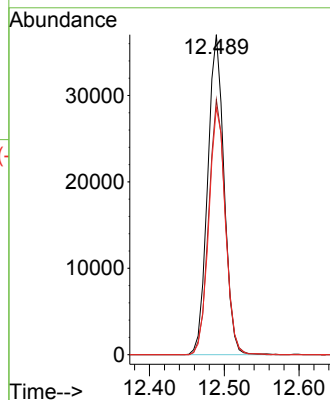
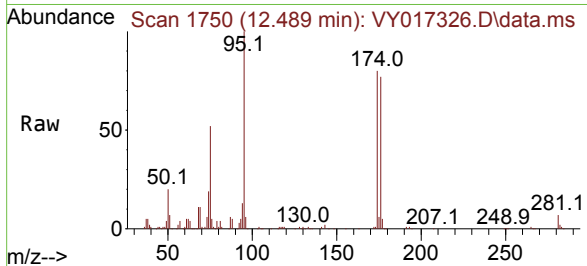




#62
4-Bromofluorobenzene
Concen: 42.816 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017326.D
Acq: 08 Feb 2024 20:34

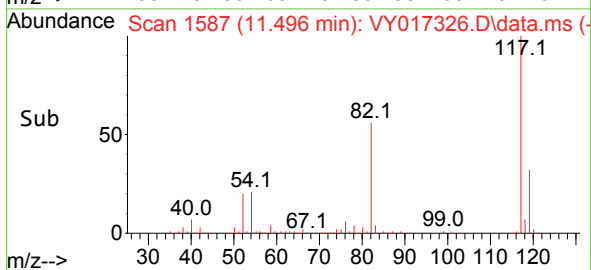
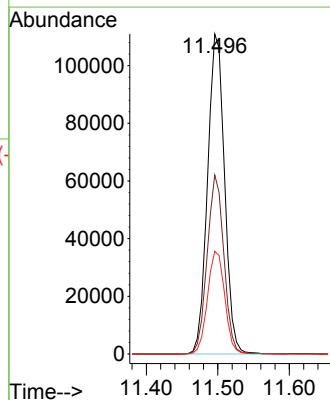
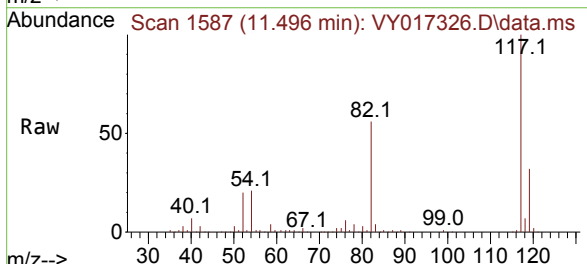
Instrument :
MSVOA_Y
ClientSampleId :

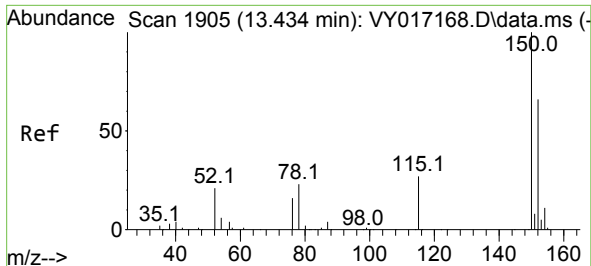
Tgt Ion: 95	Resp: 56536
Ion Ratio	Lower Upper
95 100	
174 80.4	0.0 160.0
176 78.1	0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017326.D
Acq: 08 Feb 2024 20:34

Tgt Ion: 117	Resp: 183048
Ion Ratio	Lower Upper
117 100	
82 56.0	43.8 65.8
119 32.1	26.5 39.7

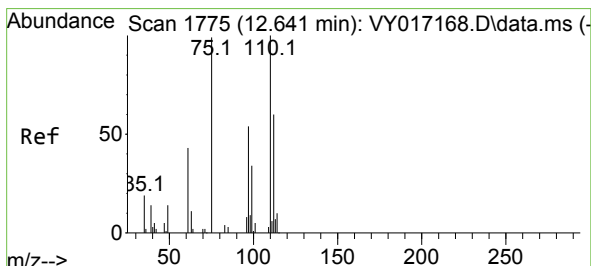
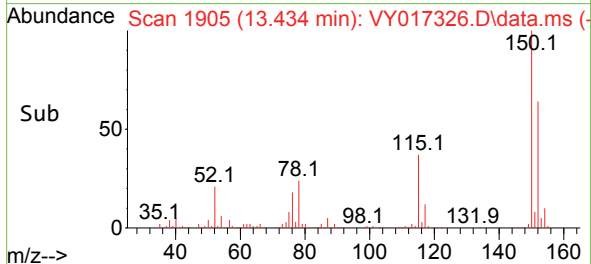
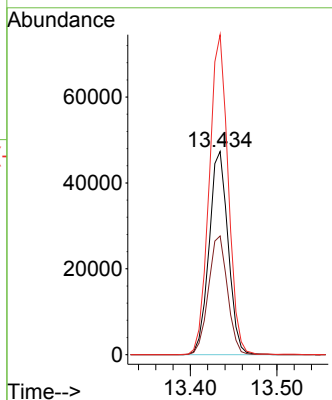
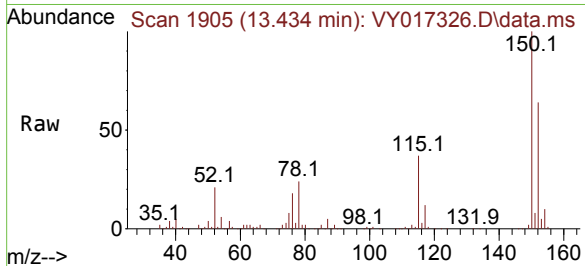




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017326.D
 Acq: 08 Feb 2024 20:34

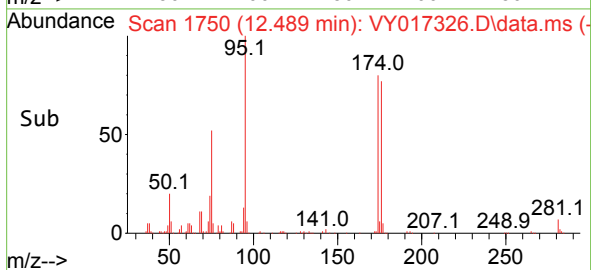
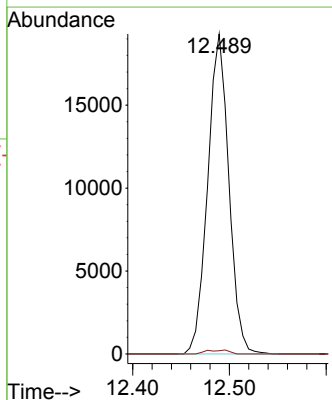
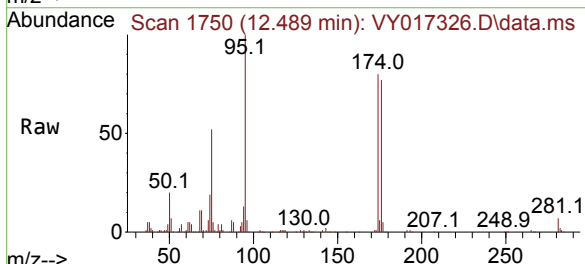
Instrument :
 MSVOA_Y
 ClientSampleId :

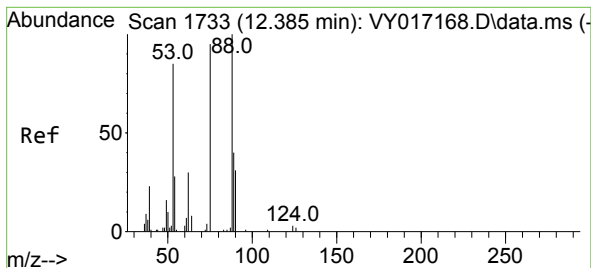
Tgt Ion:152 Resp: 72234
 Ion Ratio Lower Upper
 152 100
 115 58.6 30.0 90.0
 150 156.9 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 43.976 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.152 min
 Lab File: VY017326.D
 Acq: 08 Feb 2024 20:34

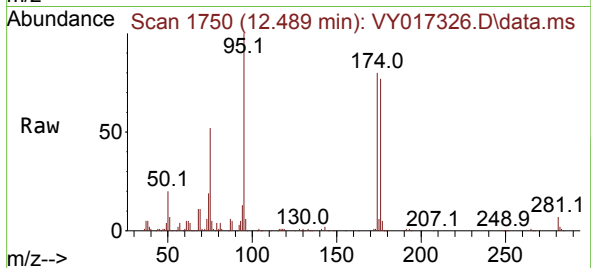
Tgt Ion: 75 Resp: 29319
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



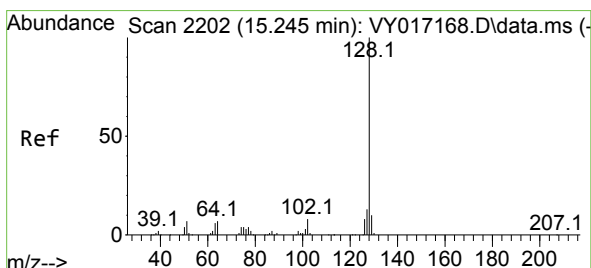
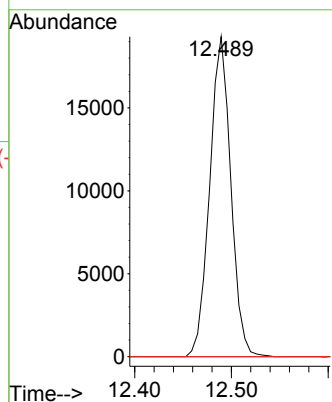
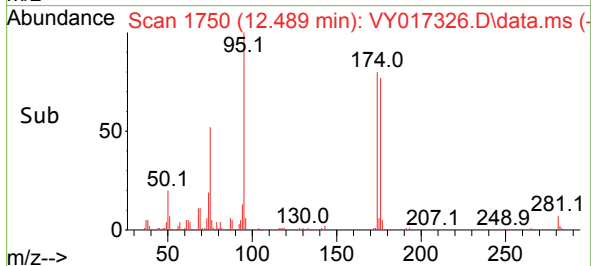


#81
trans-1,4-Dichloro-2-butene
Concen: 91.376 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017326.D
Acq: 08 Feb 2024 20:34

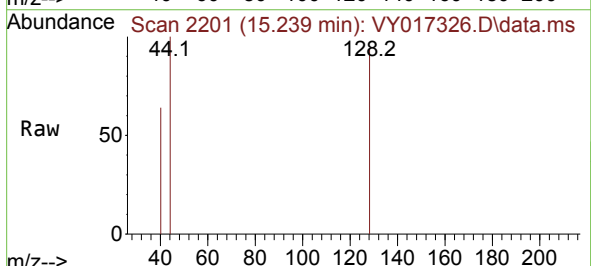
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 29319
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.522 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY017326.D
Acq: 08 Feb 2024 20:34



Tgt Ion: 128 Resp: 205
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

