

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015124.D
 Acq On : 16 Aug 2023 00:08
 Operator : SY/MD
 Sample : 03956-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 04:25:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

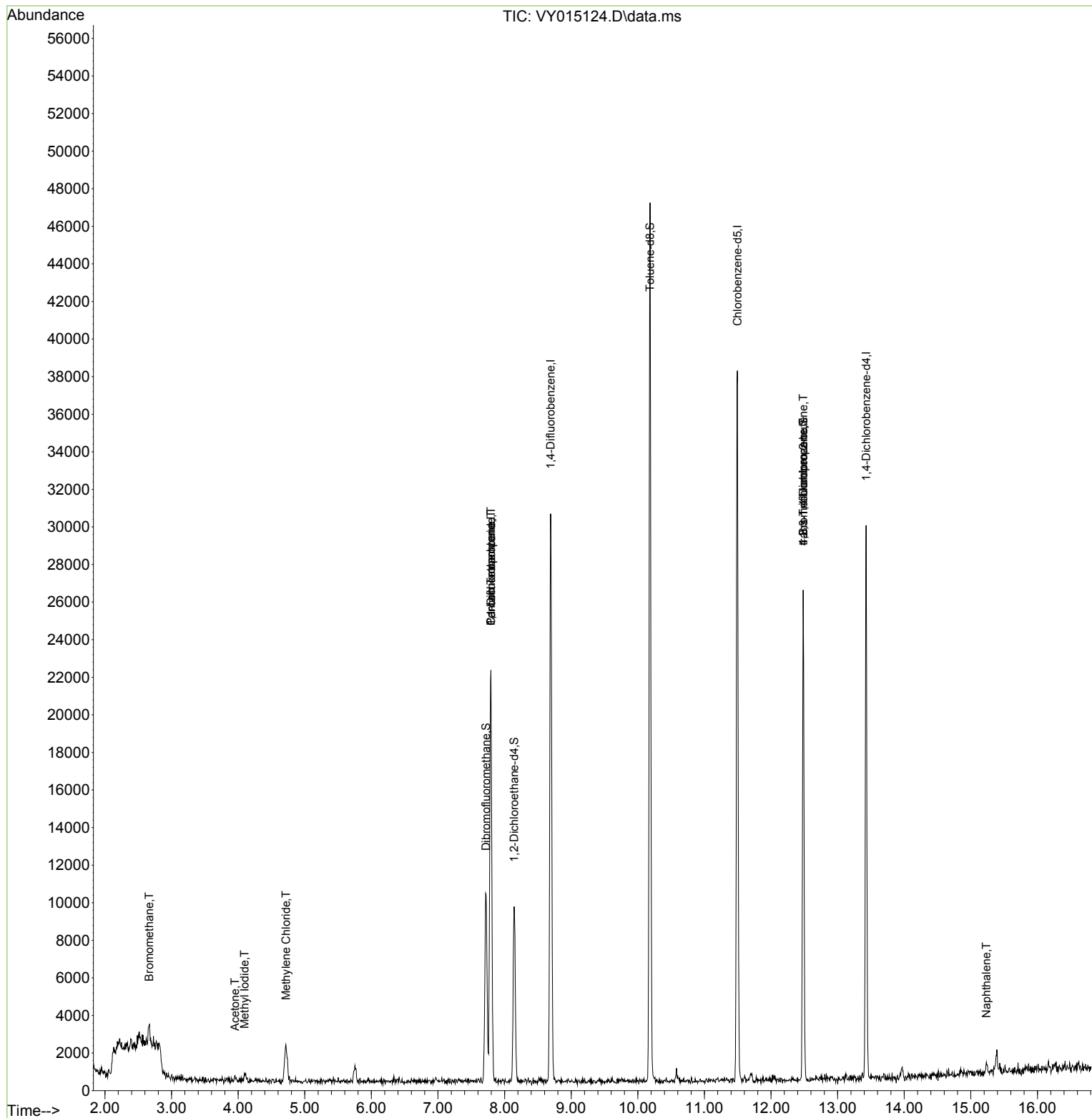
Internal Standards						
1) Pentafluorobenzene	7.795	168	17586	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	27258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	22377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	7778	36.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.680%
35) Dibromofluoromethane	7.722	113	7065	40.289	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.580%
50) Toluene-d8	10.185	98	31083	47.616	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.483	95	7790	32.672	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.340%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	214	Below Cal	#	43
5) Bromomethane	2.662	94	537	3.975	ug/l	93
10) Methyl Iodide	4.094	142	288	2.001	ug/l #	74
16) Acetone	3.954	43	362	5.249	ug/l	94
20) Methylene Chloride	4.716	84	1570	5.664	ug/l	87
31) Cyclohexane	7.783	56	451	Below Cal	#	44
36) 1,1-Dichloropropene	7.795	75	1302	6.711	ug/l #	43
38) Carbon Tetrachloride	7.795	117	1564	6.812	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	4245	46.668	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4245	102.506	ug/l #	10
95) Naphthalene	15.233	128	681	1.958	ug/l #	80

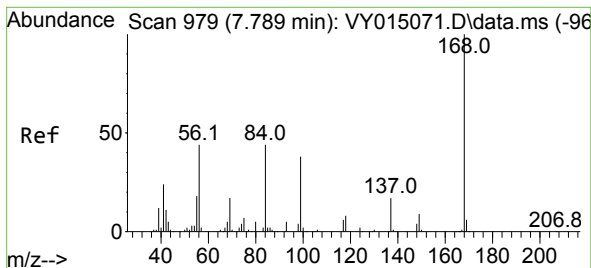
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
Data File : VY015124.D
Acq On : 16 Aug 2023 00:08
Operator : SY/MD
Sample : 03956-02
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 16 04:25:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY015124.D

Acq: 16 Aug 2023 00:08

Instrument :

MSVOA_Y

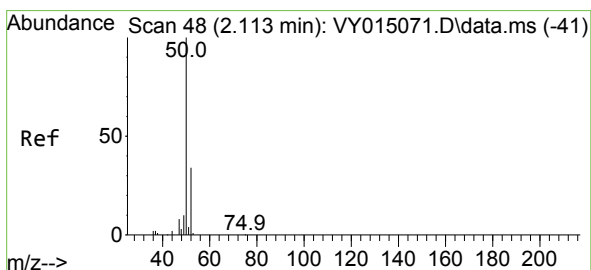
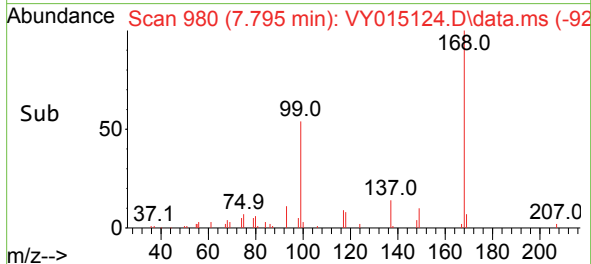
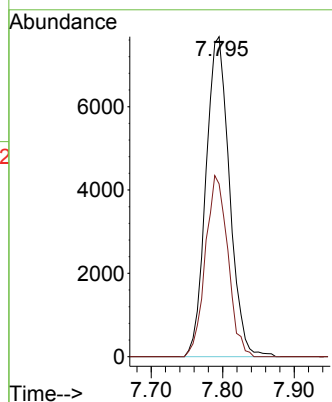
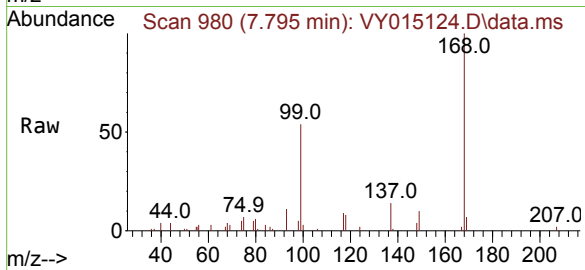
ClientSampleId :

Tgt Ion:168 Resp: 17586

Ion Ratio Lower Upper

168 100

99 54.0 43.4 65.0



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 48

Delta R.T. 0.006 min

Lab File: VY015124.D

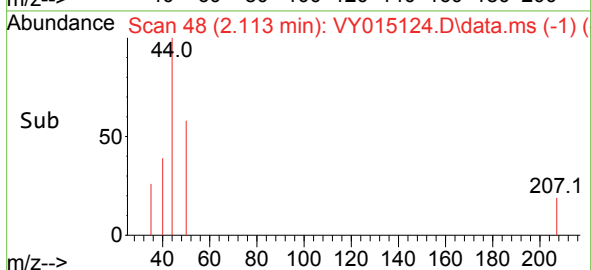
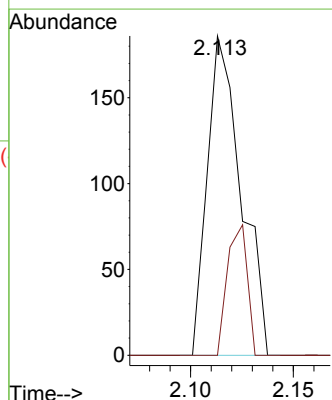
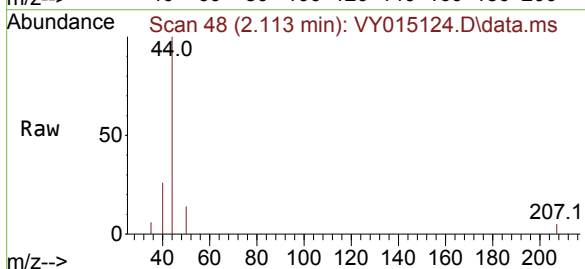
Acq: 16 Aug 2023 00:08

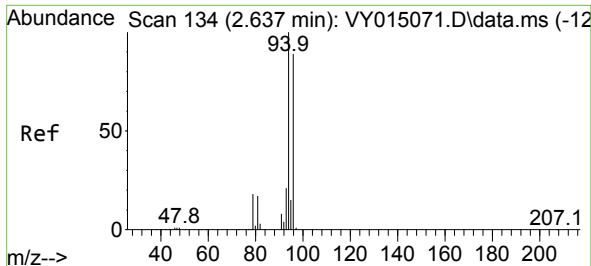
Tgt Ion: 50 Resp: 214

Ion Ratio Lower Upper

50 100

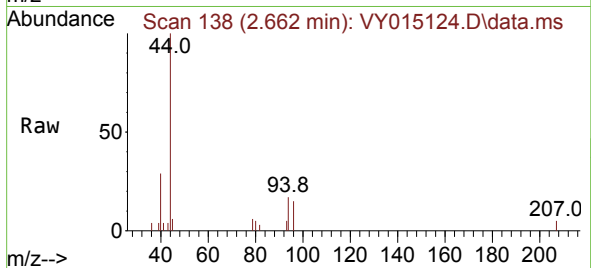
52 0.0 25.4 38.2#



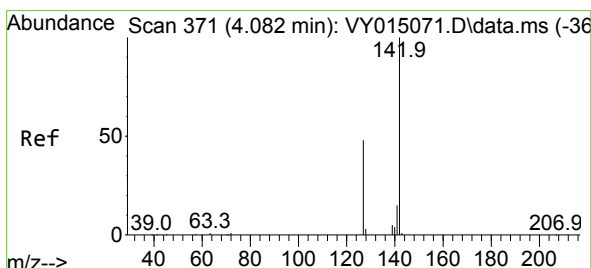
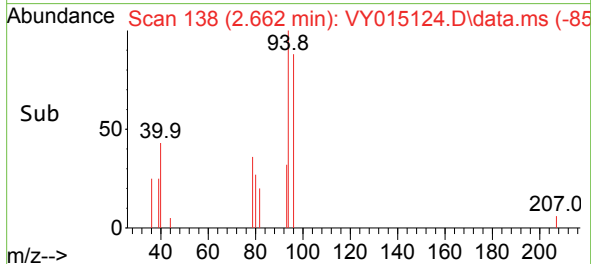
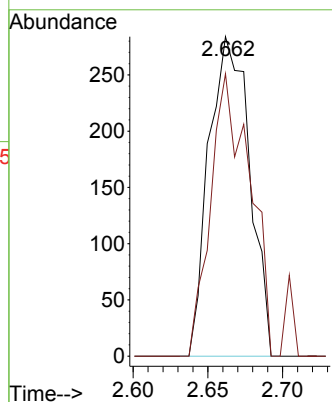


#5
Bromomethane
Concen: 3.975 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY015124.D
Acq: 16 Aug 2023 00:08

Instrument :
MSVOA_Y
ClientSampleId :

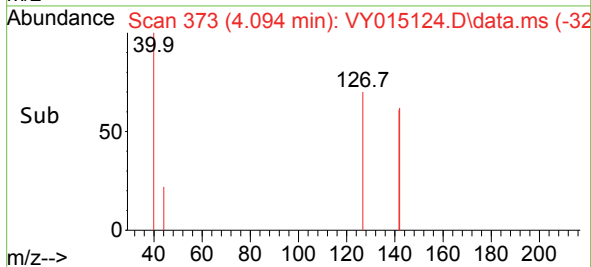
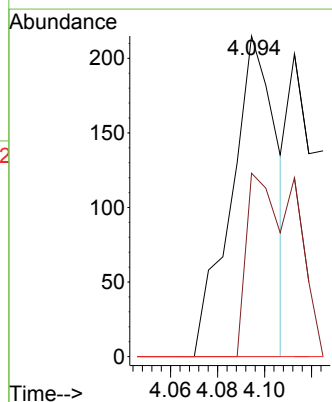
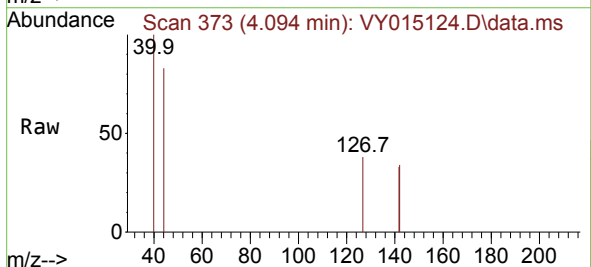


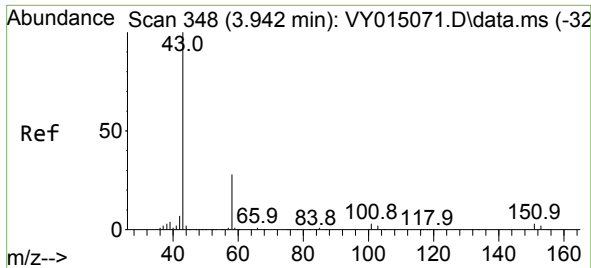
Tgt Ion: 94 Resp: 537
Ion Ratio Lower Upper
94 100
96 88.4 75.8 113.6



#10
Methyl Iodide
Concen: 2.001 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY015124.D
Acq: 16 Aug 2023 00:08

Tgt Ion:142 Resp: 288
Ion Ratio Lower Upper
142 100
127 62.2 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 5.249 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY015124.D

Acq: 16 Aug 2023 00:08

Instrument :

MSVOA_Y

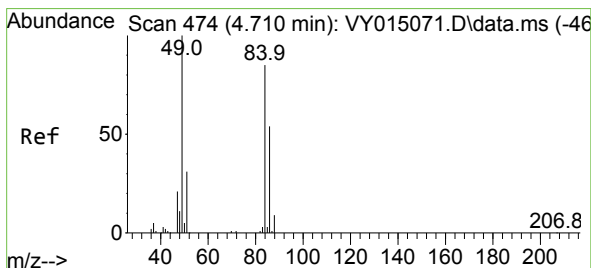
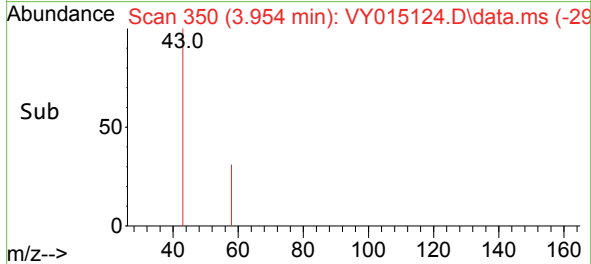
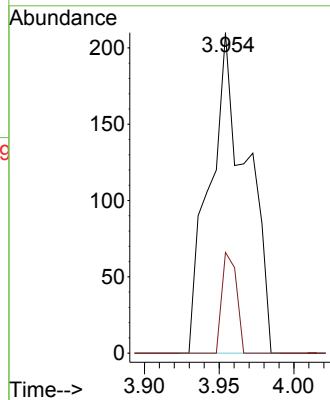
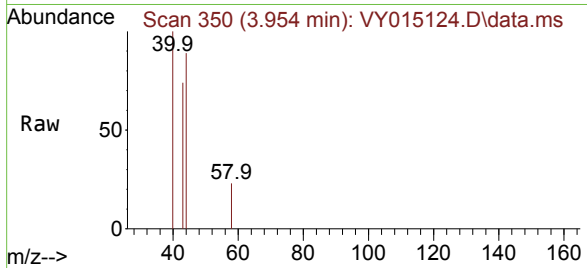
ClientSampleId :

Tgt Ion: 43 Resp: 362

Ion Ratio Lower Upper

43 100

58 31.4 22.7 34.1



#20

Methylene Chloride

Concen: 5.664 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY015124.D

Acq: 16 Aug 2023 00:08

Tgt Ion: 84 Resp: 1570

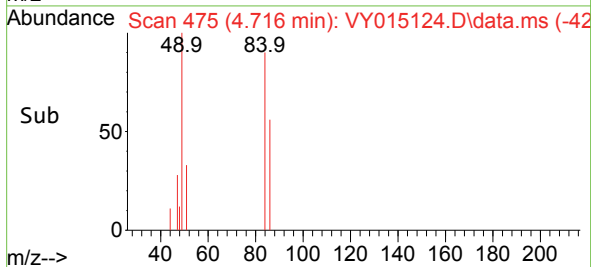
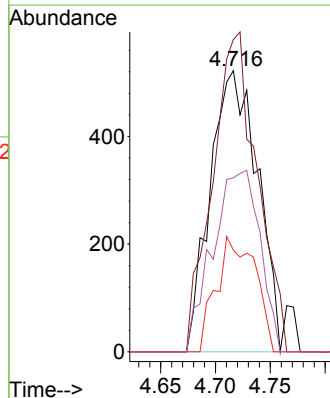
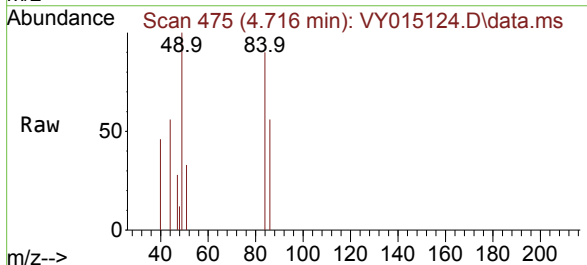
Ion Ratio Lower Upper

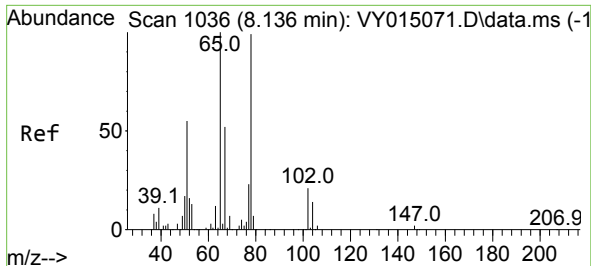
84 100

49 111.1 106.9 160.3

51 36.2 33.2 49.8

86 61.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 36.844 ug/l

RT: 8.142 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VY015124.D

Acq: 16 Aug 2023 00:08

Instrument :

MSVOA_Y

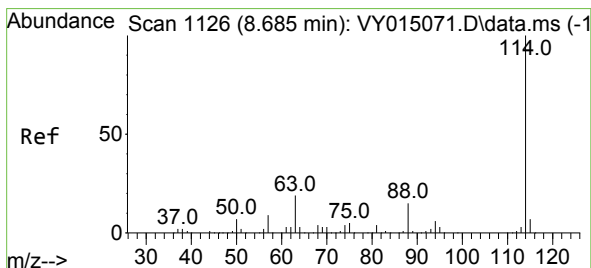
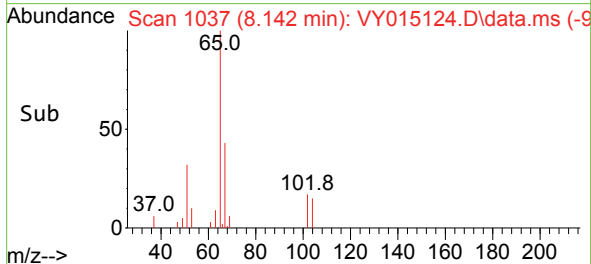
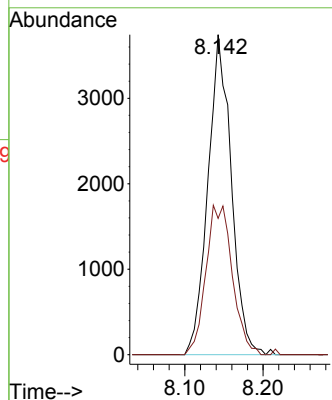
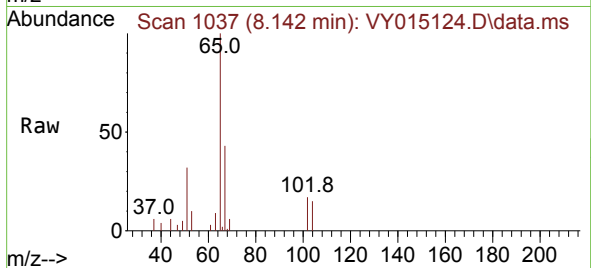
ClientSampleId :

Tgt Ion: 65 Resp: 7778

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015124.D

Acq: 16 Aug 2023 00:08

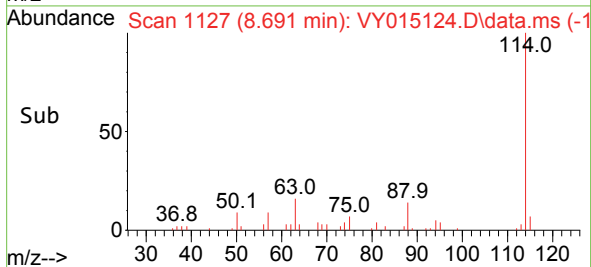
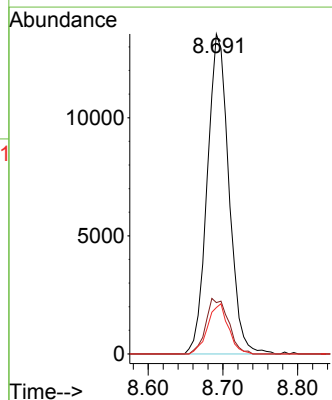
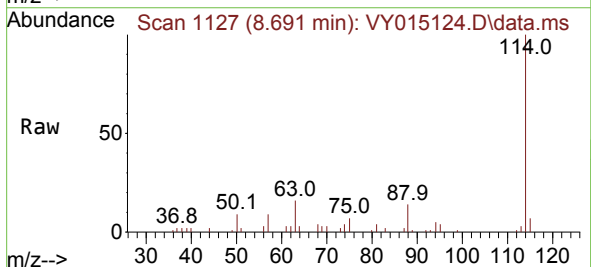
Tgt Ion:114 Resp: 27258

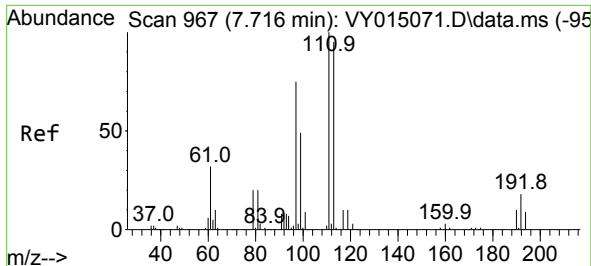
Ion Ratio Lower Upper

114 100

63 16.1 0.0 42.4

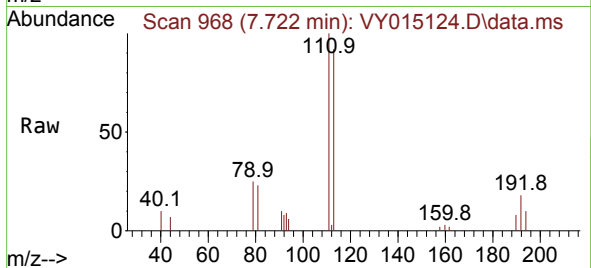
88 14.5 0.0 30.6



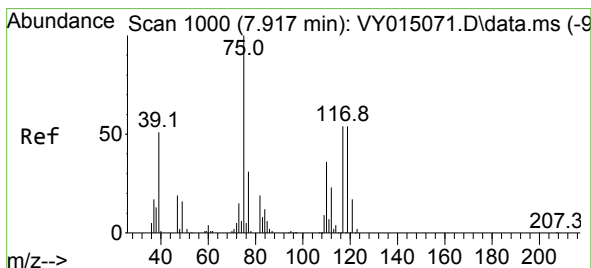
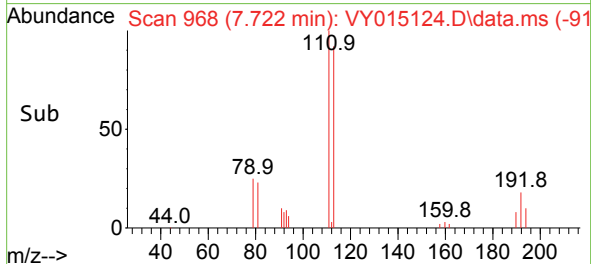
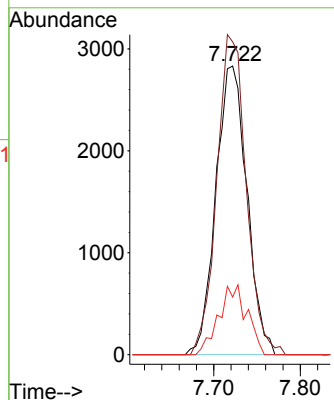


#35
 Dibromofluoromethane
 Concen: 40.289 ug/l
 RT: 7.722 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VY015124.D
 Acq: 16 Aug 2023 00:08

Instrument :
 MSVOA_Y
 ClientSampleId :

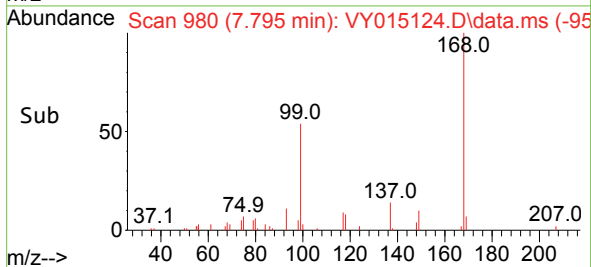
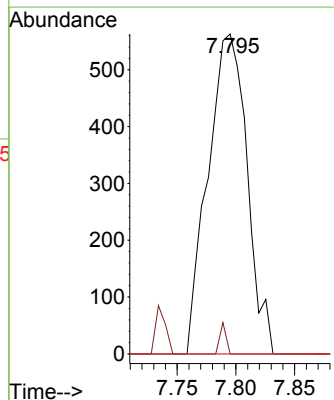
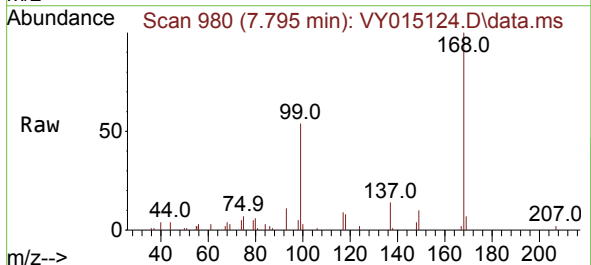


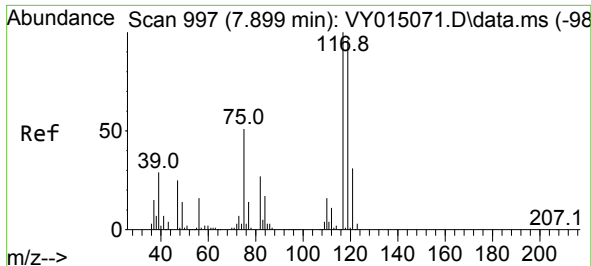
Tgt Ion:113 Resp: 7065
 Ion Ratio Lower Upper
 113 100
 111 104.8 81.3 121.9
 192 21.9 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 6.711 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY015124.D
 Acq: 16 Aug 2023 00:08

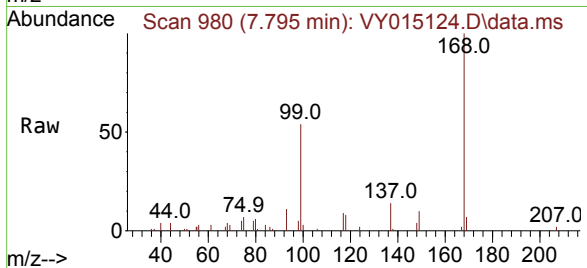
Tgt Ion: 75 Resp: 1302
 Ion Ratio Lower Upper
 75 100
 110 1.5 17.8 53.5#
 77 0.0 24.4 36.6#



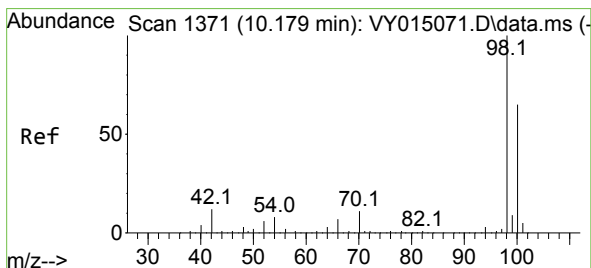
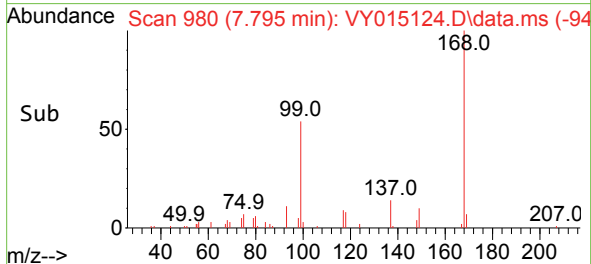
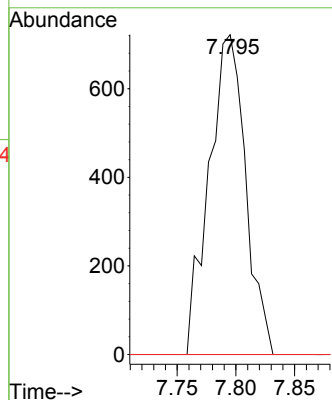


#38
Carbon Tetrachloride
Concen: 6.812 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015124.D
Acq: 16 Aug 2023 00:08

Instrument :
MSVOA_Y
ClientSampleId :

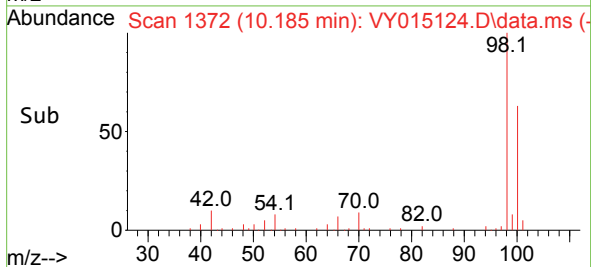
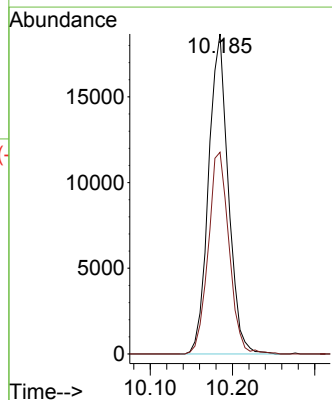
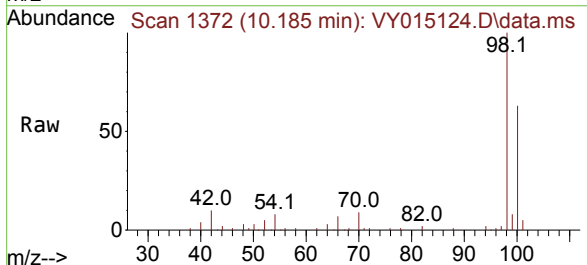


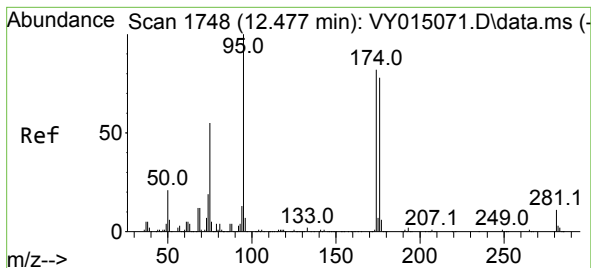
Tgt Ion:117 Resp: 1564
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.616 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015124.D
Acq: 16 Aug 2023 00:08

Tgt Ion: 98 Resp: 31083
Ion Ratio Lower Upper
98 100
100 66.6 50.1 75.1

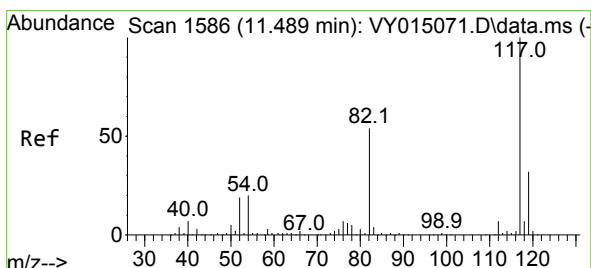
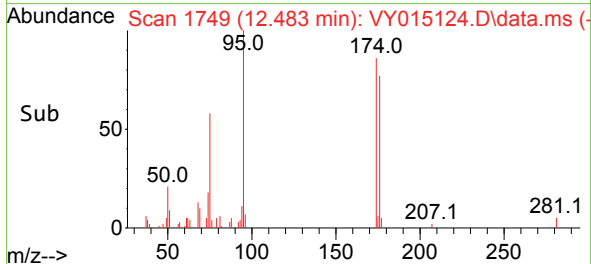
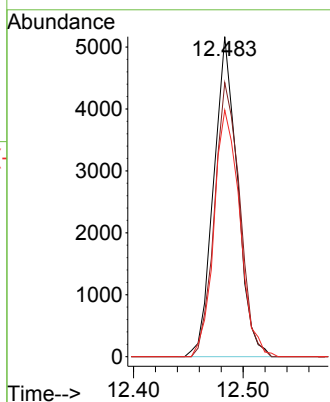
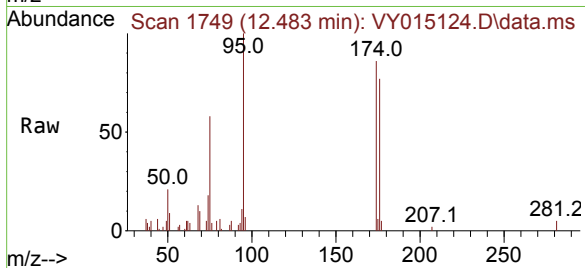




#62
4-Bromofluorobenzene
Concen: 32.672 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015124.D
Acq: 16 Aug 2023 00:08

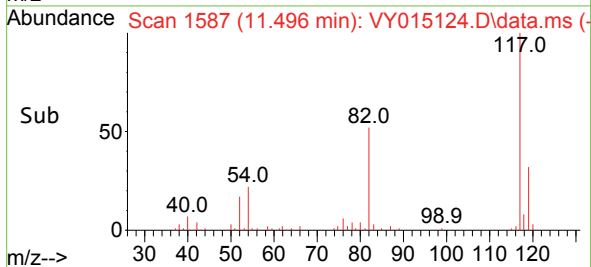
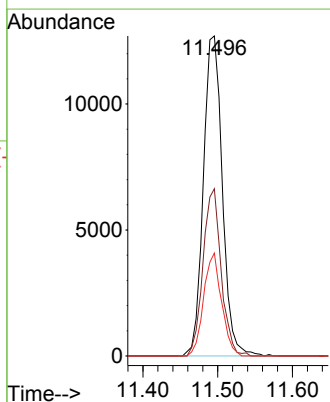
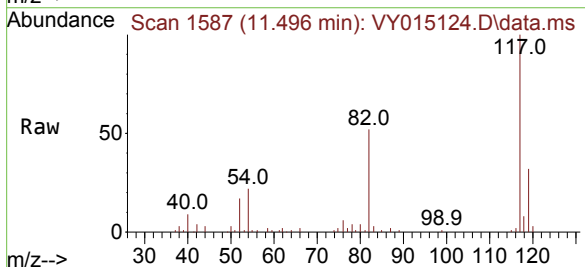
Instrument :
MSVOA_Y
ClientSampleId :

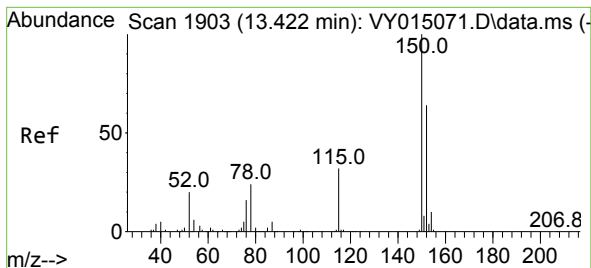
Tgt Ion: 95 Resp: 7790
Ion Ratio Lower Upper
95 100
174 90.4 0.0 178.2
176 83.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015124.D
Acq: 16 Aug 2023 00:08

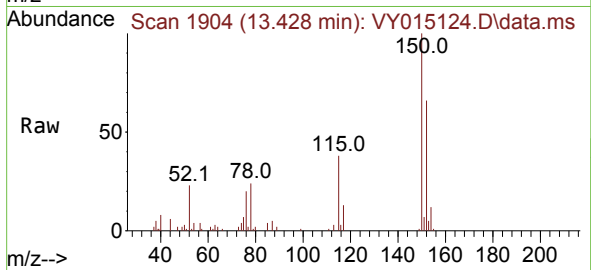
Tgt Ion: 117 Resp: 22377
Ion Ratio Lower Upper
117 100
82 52.3 43.4 65.0
119 32.2 26.3 39.5



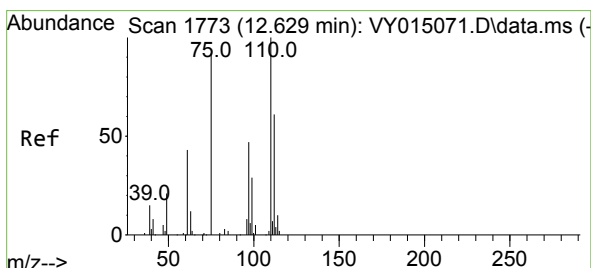
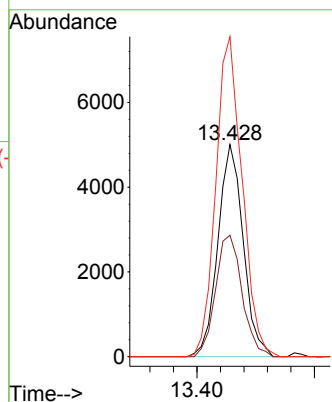
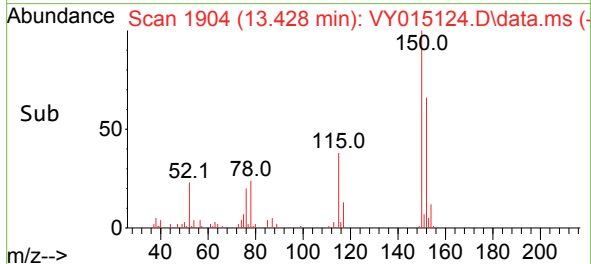


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY015124.D
 Acq: 16 Aug 2023 00:08

Instrument :
 MSVOA_Y
 ClientSampleId :

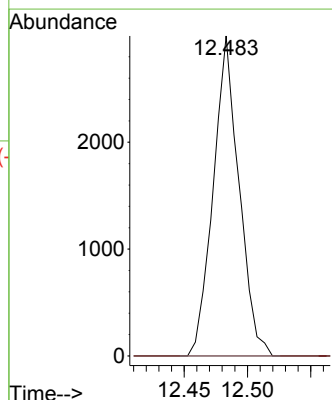
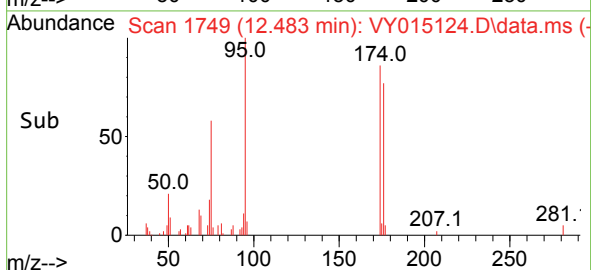
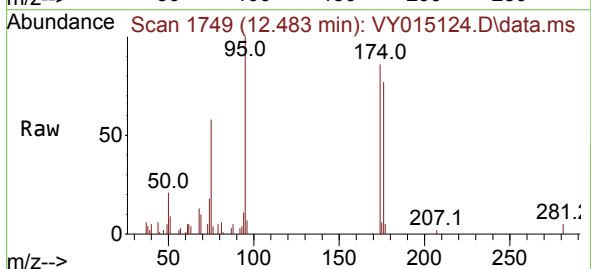


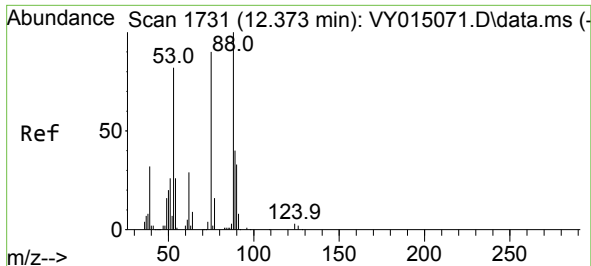
Tgt Ion:152 Resp: 7487
 Ion Ratio Lower Upper
 152 100
 115 60.1 28.8 86.5
 150 156.8 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 46.668 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY015124.D
 Acq: 16 Aug 2023 00:08

Tgt Ion: 75 Resp: 4245
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

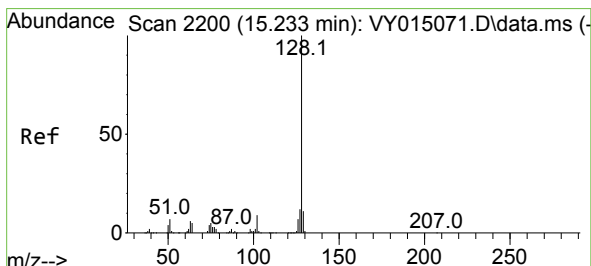
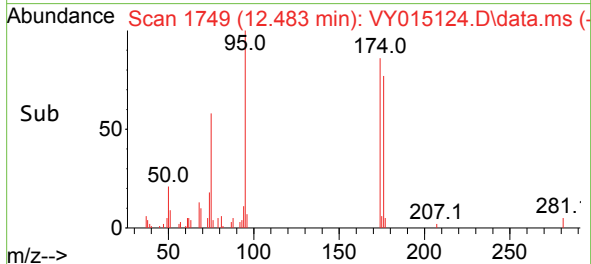
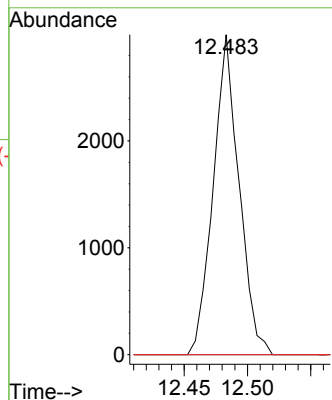
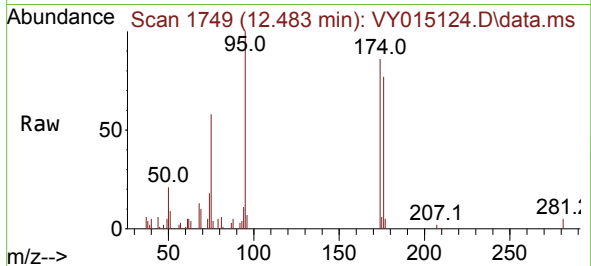




#81
trans-1,4-Dichloro-2-butene
Concen: 102.506 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY015124.D
Acq: 16 Aug 2023 00:08

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 4245
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 1.958 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY015124.D
Acq: 16 Aug 2023 00:08

Tgt Ion: 128 Resp: 681
Ion Ratio Lower Upper
128 100
127 5.1 10.8 16.2#
129 4.0 8.6 13.0#

