

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019113.D
 Acq On : 19 Aug 2024 13:37
 Operator : SY/MD
 Sample : P3615-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 19 15:24:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

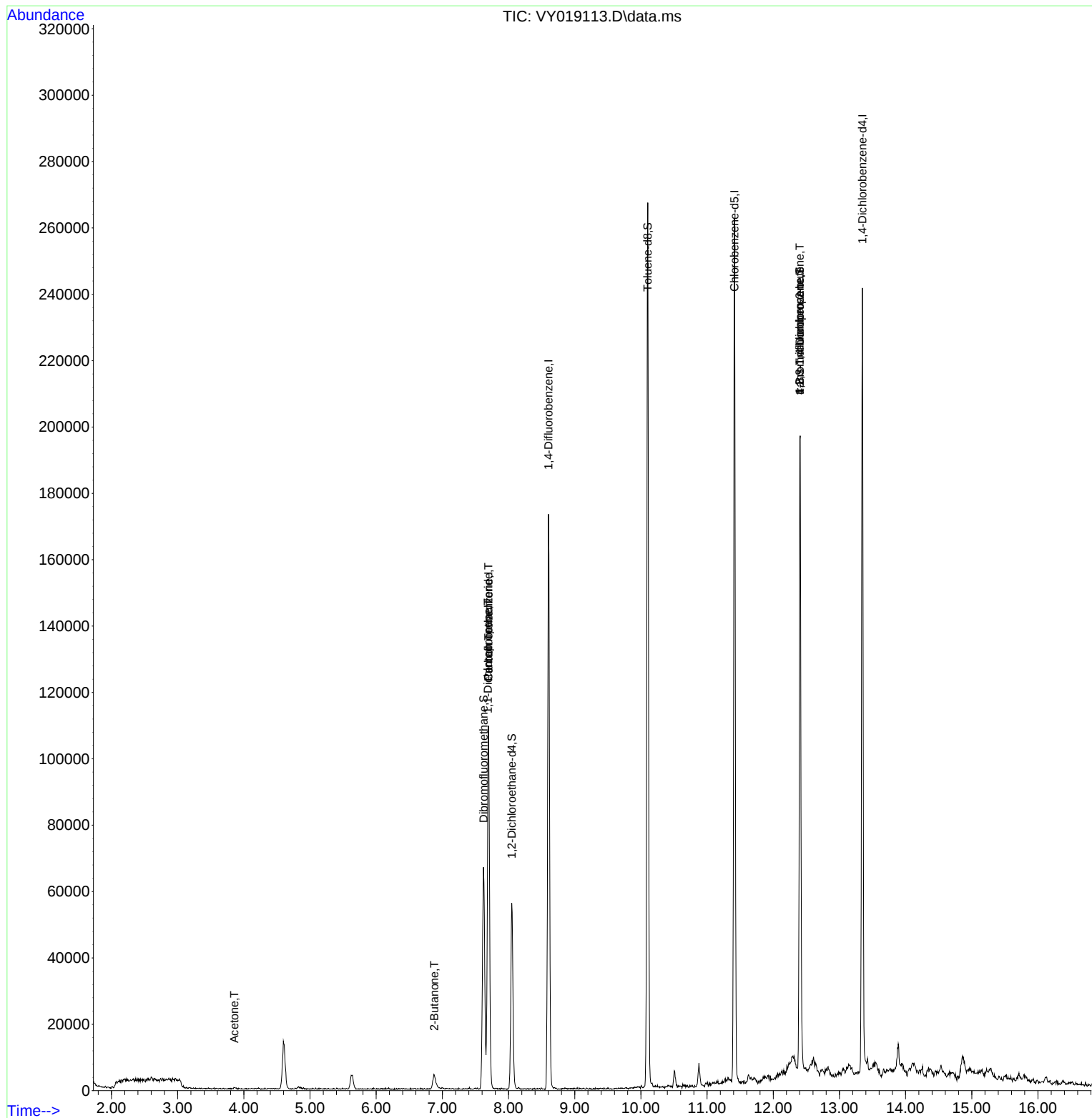
Internal Standards						
1) Pentafluorobenzene	7.695	168	84679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	148029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	138024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	59204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	42433	49.989	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.980%
35) Dibromofluoromethane	7.622	113	46064	47.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.180%
50) Toluene-d8	10.103	98	173135	49.707	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.420%
62) 4-Bromofluorobenzene	12.401	95	55362	46.625	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.240%
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	478	Below Cal	#	43
6) Chloroethane	2.659	64	39	Below Cal	#	42
11) Tert butyl alcohol	4.836	59	219	Below Cal	#	80
16) Acetone	3.854	43	382	2.427	ug/l #	36
25) 2-Butanone	6.878	43	342	1.349	ug/l #	41
31) Cyclohexane	7.695	56	1803	Below Cal	#	26
36) 1,1-Dichloropropene	7.689	75	6453	4.855	ug/l #	48
38) Carbon Tetrachloride	7.695	117	8336	5.412	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	29856	51.136	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	29856	126.288	ug/l #	16

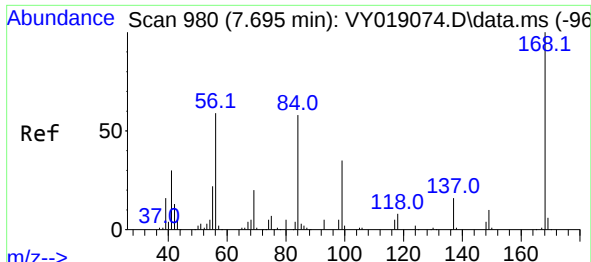
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

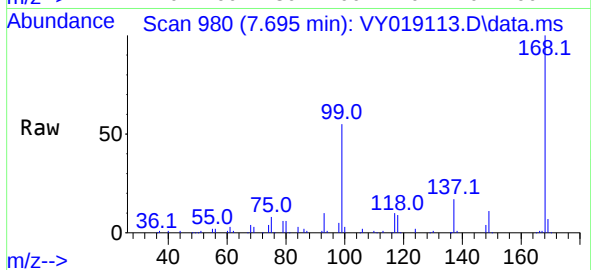
Quant Time: Aug 19 15:24:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
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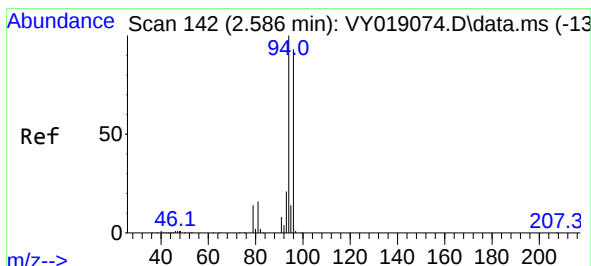
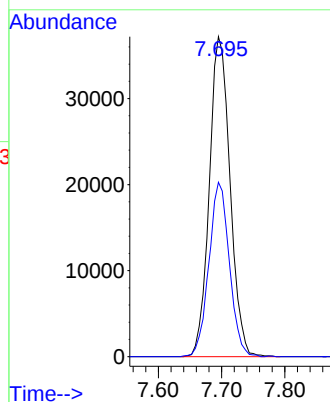
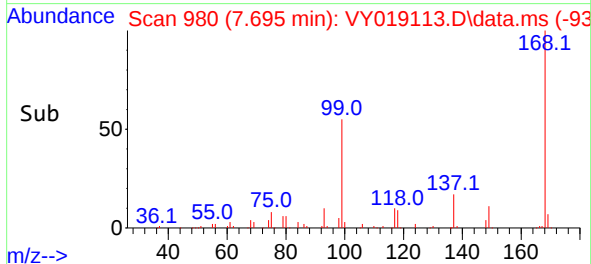


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019113.D
Acq: 19 Aug 2024 13:37

Instrument :
MSVOA_Y
ClientSampleId :

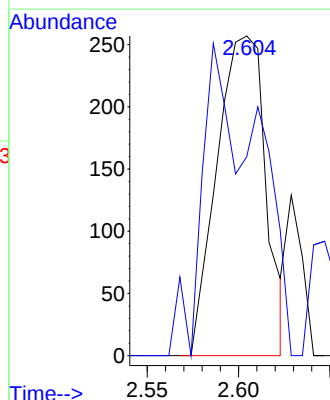
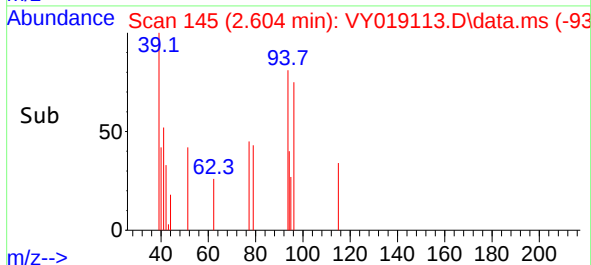
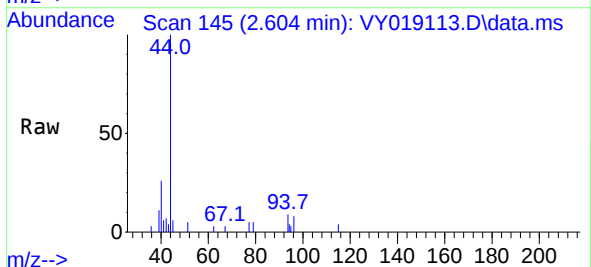


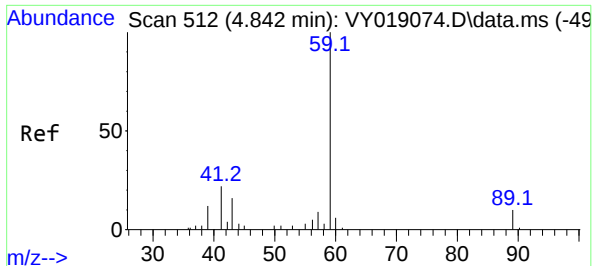
Tgt Ion:168 Resp: 84679
Ion Ratio Lower Upper
168 100
99 54.5 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019113.D
Acq: 19 Aug 2024 13:37

Tgt Ion: 94 Resp: 478
Ion Ratio Lower Upper
94 100
96 37.7 74.1 111.1#

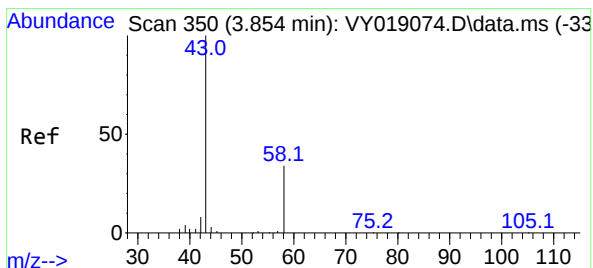
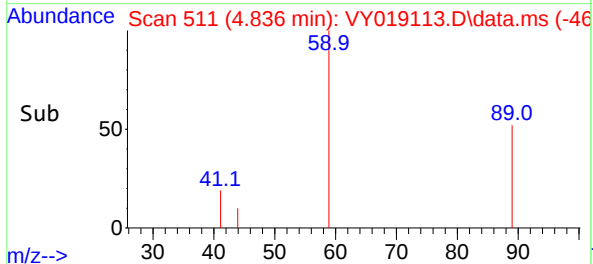
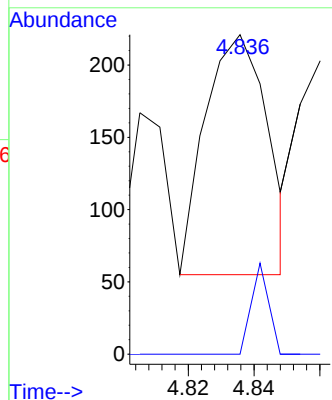
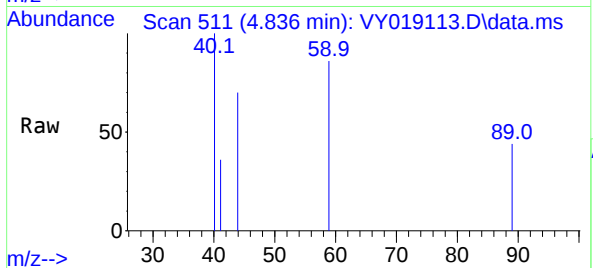




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.836 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019113.D
Acq: 19 Aug 2024 13:37

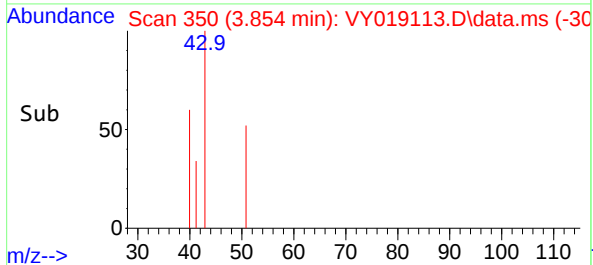
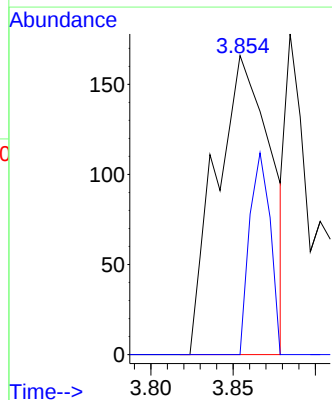
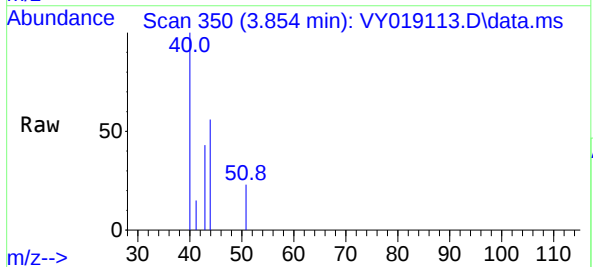
Instrument :
MSVOA_Y
ClientSampleId :

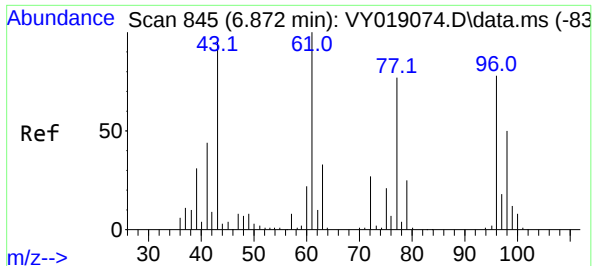
Tgt Ion: 59 Resp: 219
Ion Ratio Lower Upper
59 100
57 10.5 3.0 4.6#



#16
Acetone
Concen: 2.427 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019113.D
Acq: 19 Aug 2024 13:37

Tgt Ion: 43 Resp: 382
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#25

2-Butanone

Concen: 1.349 ug/l

RT: 6.878 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY019113.D

Acq: 19 Aug 2024 13:37

Instrument :

MSVOA_Y

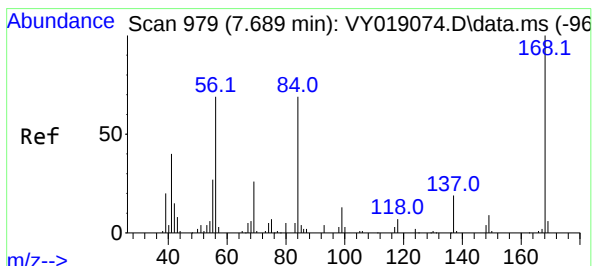
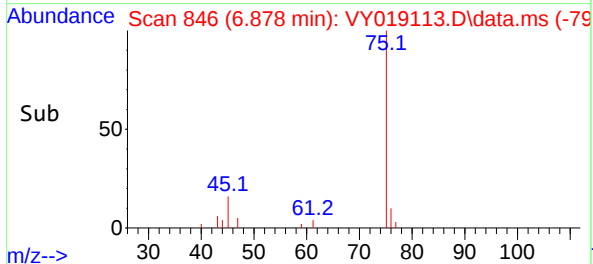
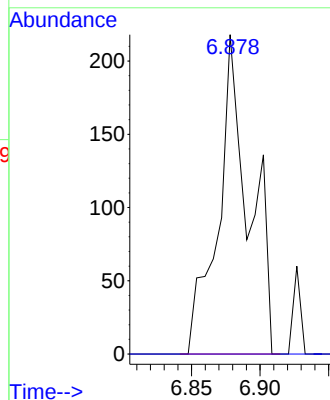
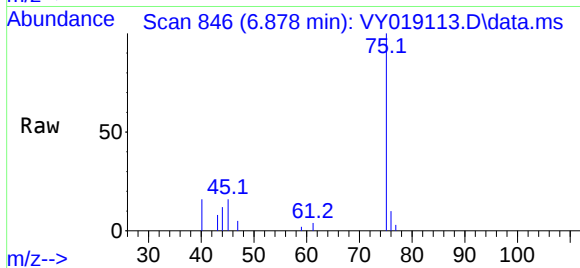
ClientSampleId :

Tgt Ion: 43 Resp: 342

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: Below Cal

RT: 7.695 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY019113.D

Acq: 19 Aug 2024 13:37

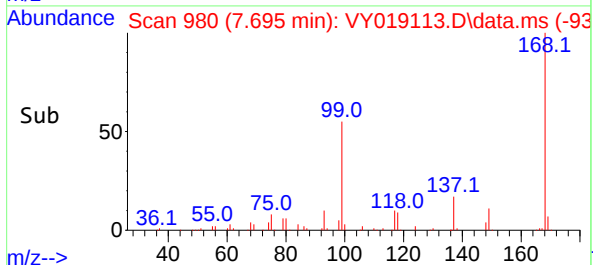
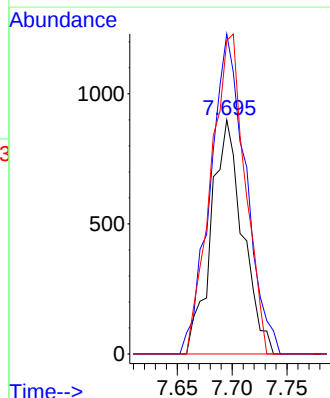
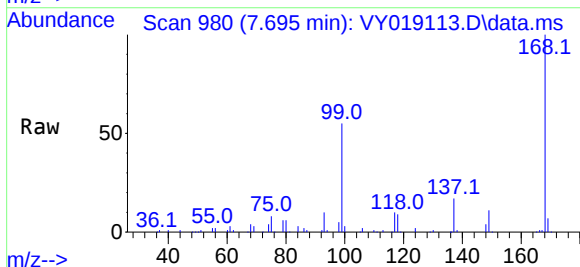
Tgt Ion: 56 Resp: 1803

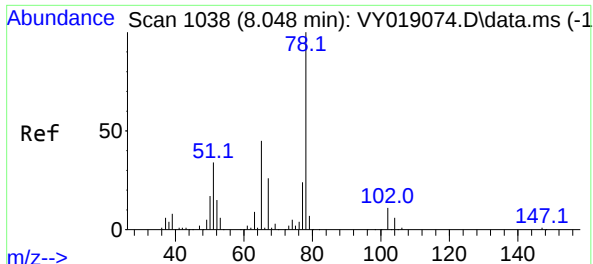
Ion Ratio Lower Upper

56 100

69 136.7 28.7 43.1#

84 133.9 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 49.989 ug/l

RT: 8.049 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY019113.D

Acq: 19 Aug 2024 13:37

Instrument :

MSVOA_Y

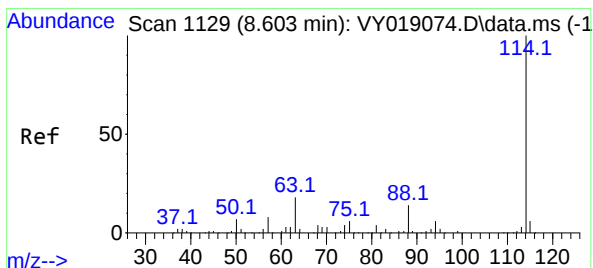
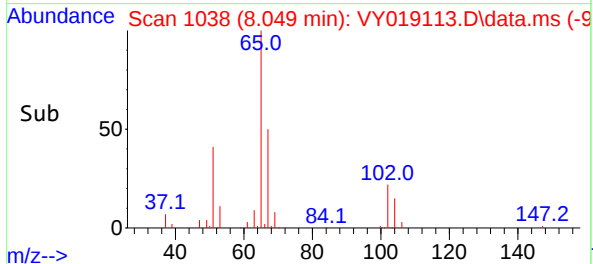
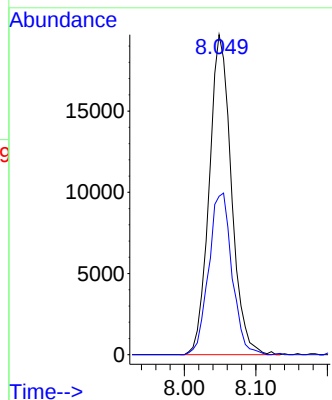
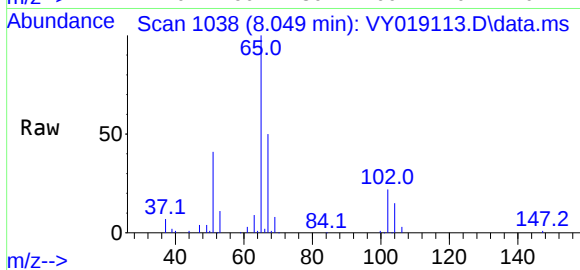
ClientSampleId :

Tgt Ion: 65 Resp: 42433

Ion Ratio Lower Upper

65 100

67 53.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019113.D

Acq: 19 Aug 2024 13:37

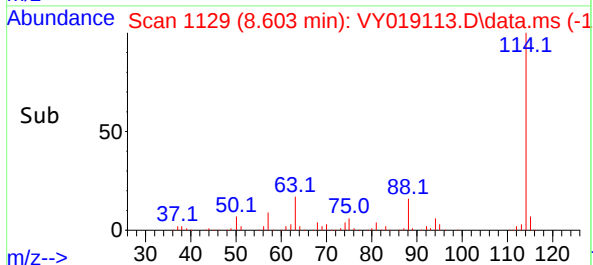
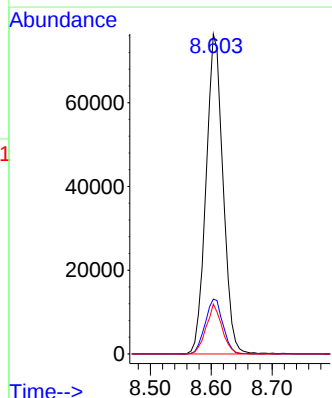
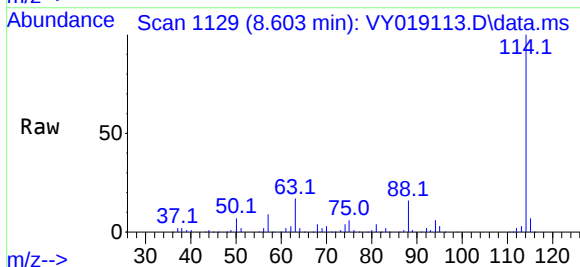
Tgt Ion: 114 Resp: 148029

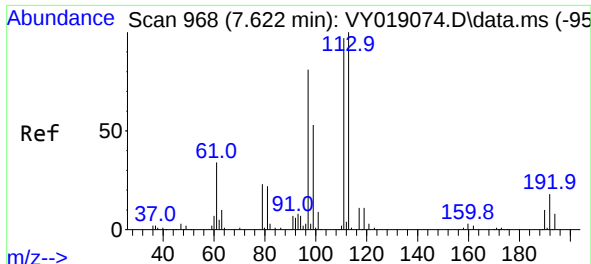
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

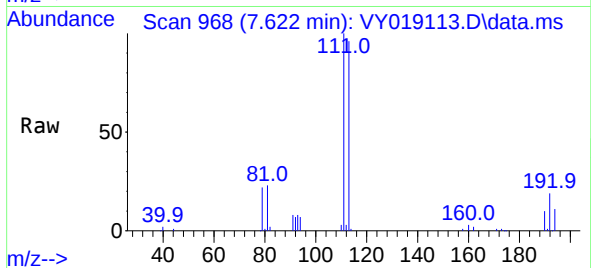
88 15.6 0.0 27.2



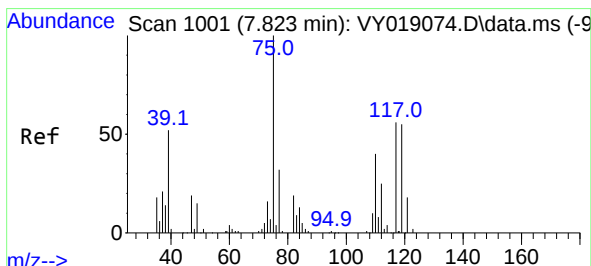
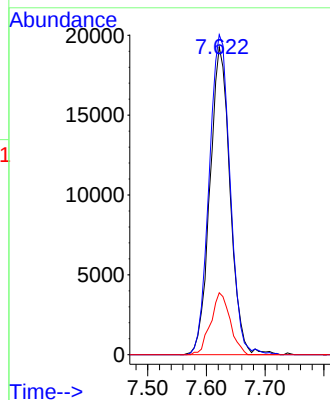
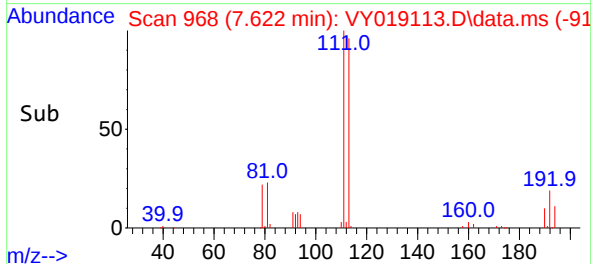


#35
Dibromofluoromethane
Concen: 47.592 ug/l
RT: 7.622 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY019113.D
Acq: 19 Aug 2024 13:37

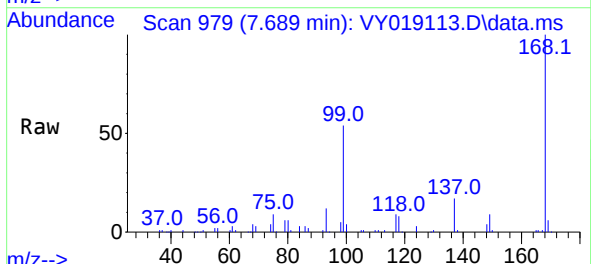
Instrument :
MSVOA_Y
ClientSampleId :



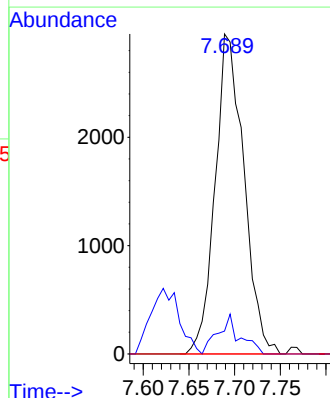
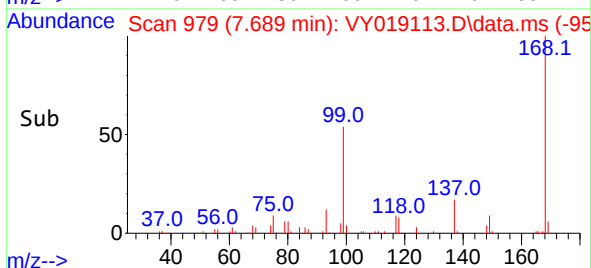
Tgt Ion:113 Resp: 46064
Ion Ratio Lower Upper
113 100
111 107.5 82.2 123.4
192 19.3 15.9 23.9

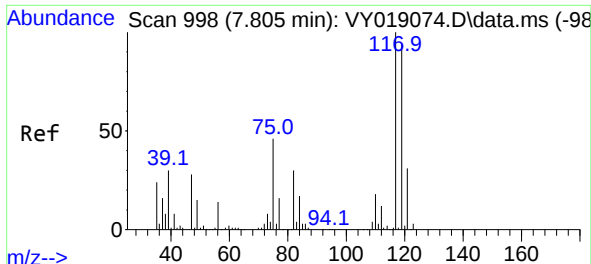


#36
1,1-Dichloropropene
Concen: 4.855 ug/l
RT: 7.689 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY019113.D
Acq: 19 Aug 2024 13:37



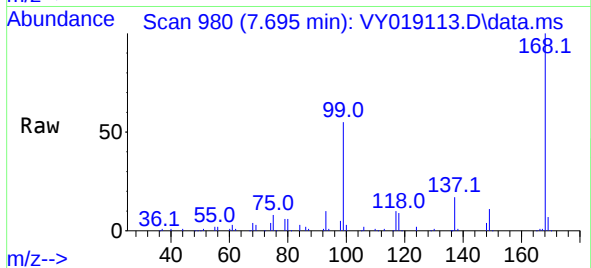
Tgt Ion: 75 Resp: 6453
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.0 25.3 37.9#



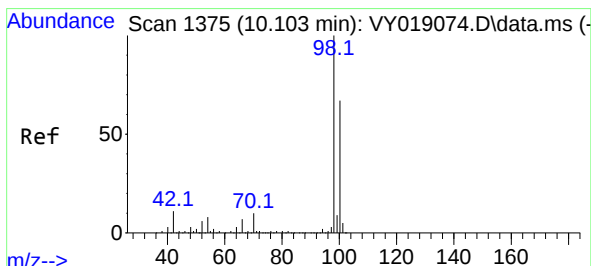
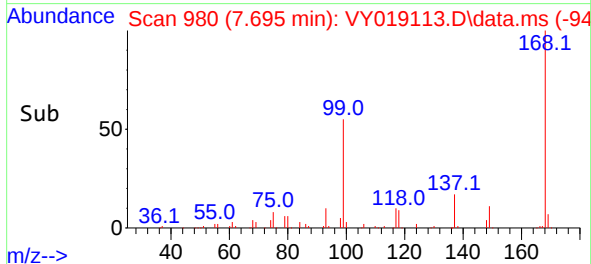
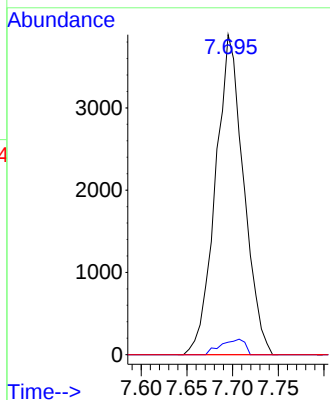


#38
Carbon Tetrachloride
Concen: 5.412 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019113.D
Acq: 19 Aug 2024 13:37

Instrument :
MSVOA_Y
ClientSampleId :

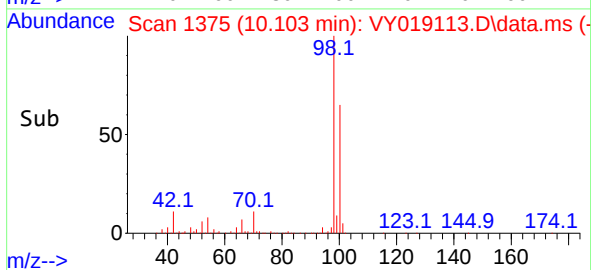
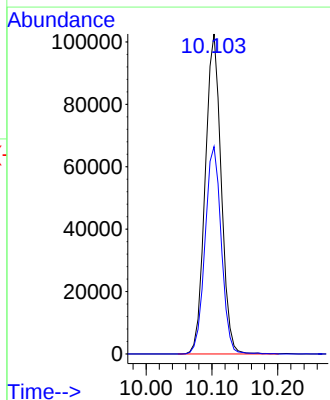
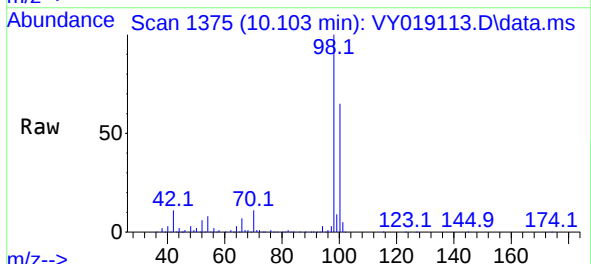


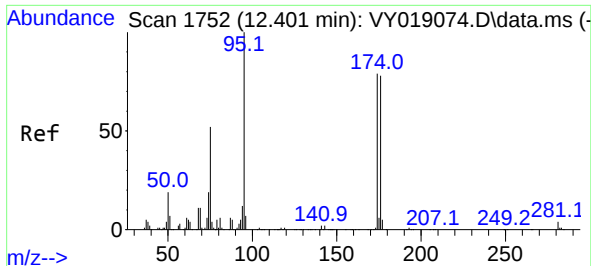
Tgt Ion:117 Resp: 8336
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.707 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019113.D
Acq: 19 Aug 2024 13:37

Tgt Ion: 98 Resp: 173135
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0

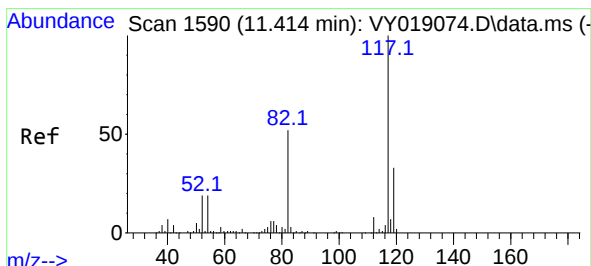
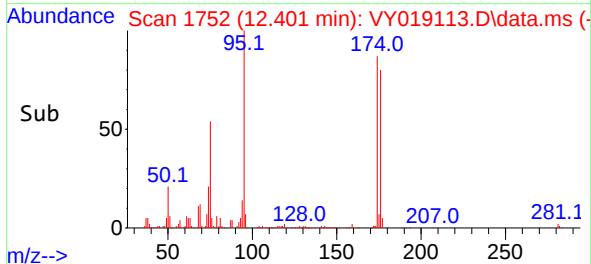
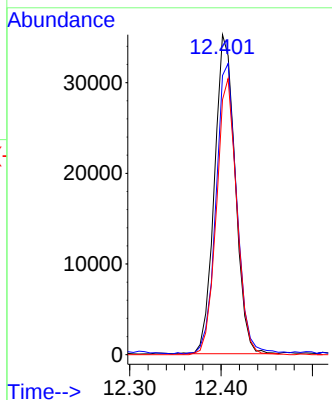
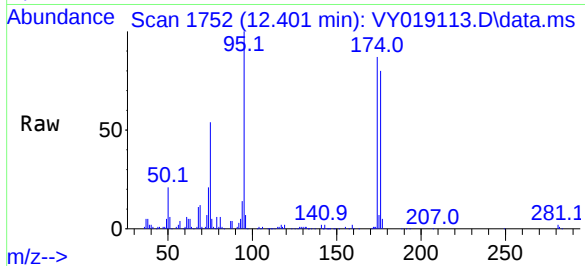




#62
4-Bromofluorobenzene
Concen: 46.625 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019113.D
Acq: 19 Aug 2024 13:37

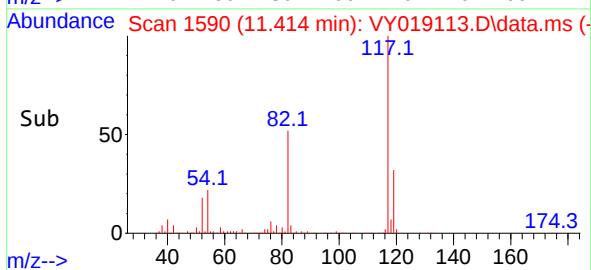
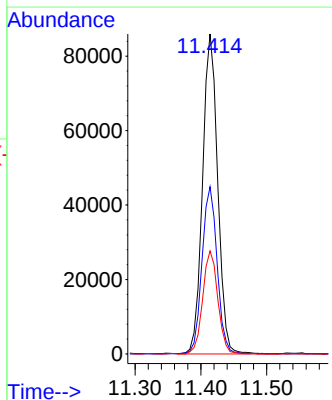
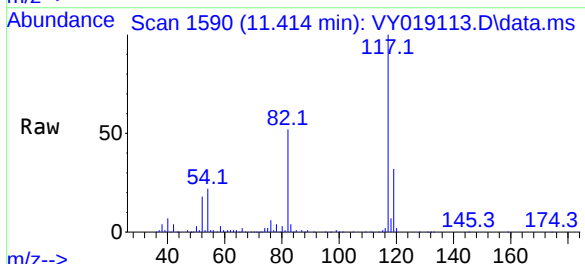
Instrument :
MSVOA_Y
ClientSampleId :

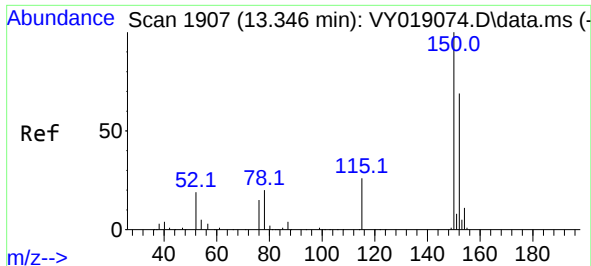
Tgt Ion:	95	Resp:	55362
Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	175.6
176	84.9	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019113.D
Acq: 19 Aug 2024 13:37

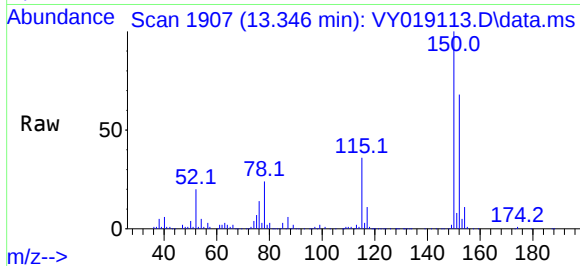
Tgt Ion:	117	Resp:	138024
Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.4	63.6
119	32.2	25.9	38.9



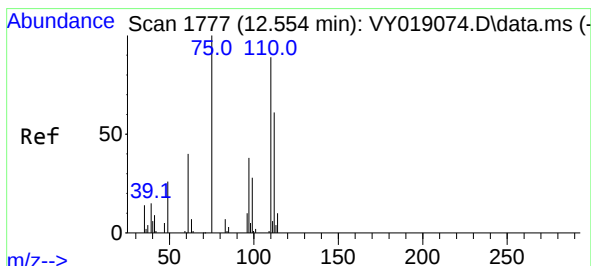
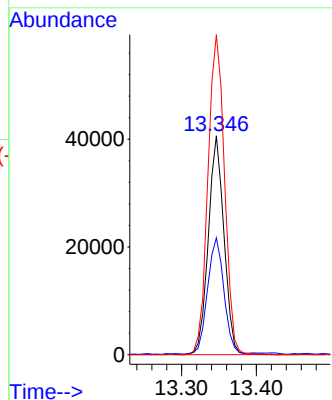
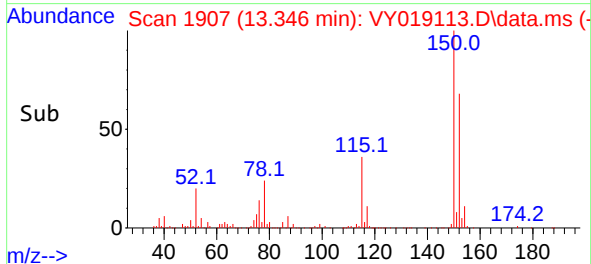


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019113.D
 Acq: 19 Aug 2024 13:37

Instrument :
 MSVOA_Y
 ClientSampleId :

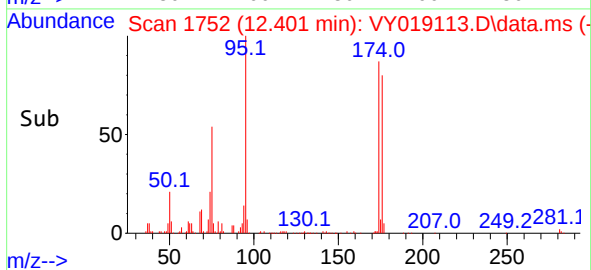
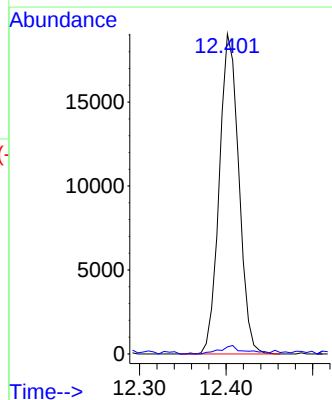
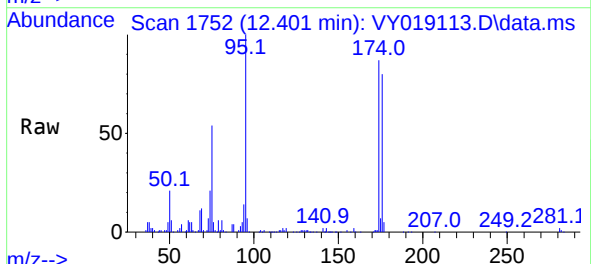


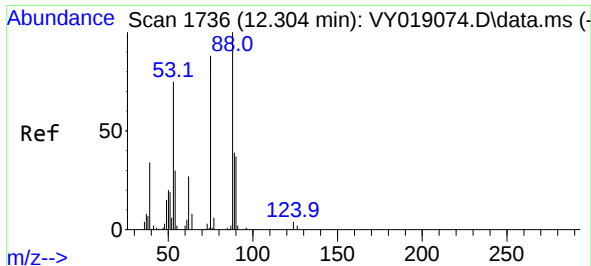
Tgt Ion:152 Resp: 59204
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.2 84.7
 150 154.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 51.136 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.152 min
 Lab File: VY019113.D
 Acq: 19 Aug 2024 13:37

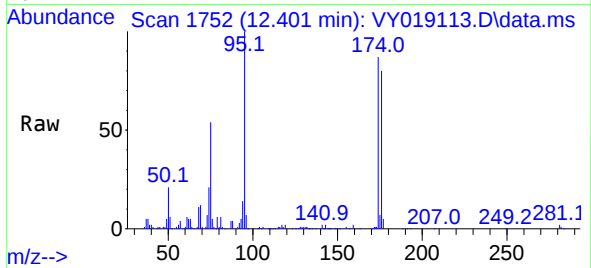
Tgt Ion: 75 Resp: 29856
 Ion Ratio Lower Upper
 75 100
 77 3.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.288 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019113.D
 Acq: 19 Aug 2024 13:37

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	29856
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

