

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009613.D
 Acq On : 20 Jul 2022 15:31
 Operator : KP/MD
 Sample : N3778-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-071922

Quant Time: Jul 21 02:14:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

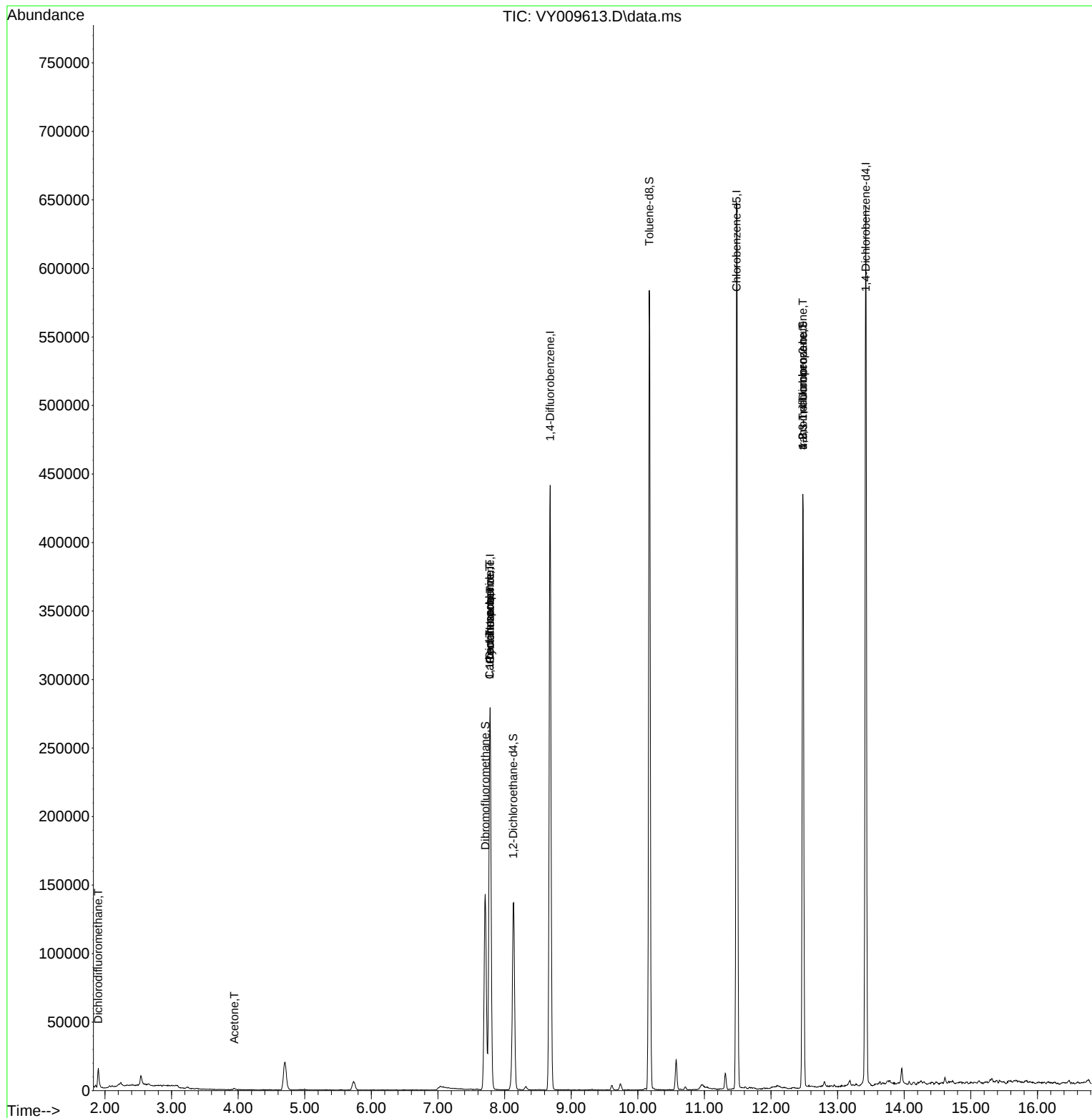
Internal Standards						
1) Pentafluorobenzene	7.783	168	232528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	392183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	366072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	172474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	104431	47.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.980%
35) Dibromofluoromethane	7.709	113	102349	41.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.840%
50) Toluene-d8	10.172	98	384440	40.475	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	80.940%
62) 4-Bromofluorobenzene	12.477	95	126857	41.218	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	82.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	10988	5.385	ug/l	90
11) Tert butyl alcohol	4.929	59	393	Below Cal	#	77
16) Acetone	3.942	43	1618	2.908	ug/l	100
20) Methylene Chloride	4.698	84	15975	Below Cal	#	81
31) Cyclohexane	7.783	56	3893	1.004	ug/l	# 1
36) 1,1-Dichloropropene	7.777	75	16202	4.438	ug/l	# 50
38) Carbon Tetrachloride	7.777	117	21153	5.535	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	64040	38.977	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	64040	76.855	ug/l	# 7

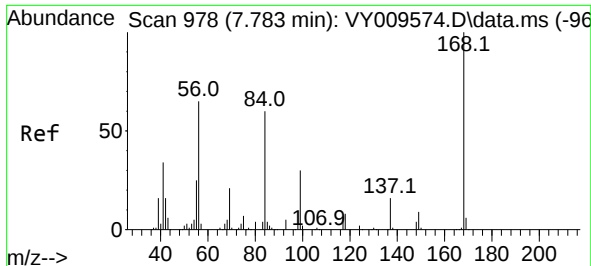
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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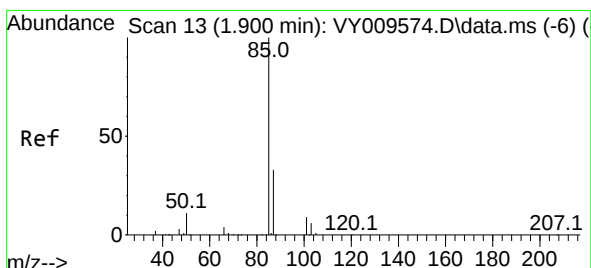
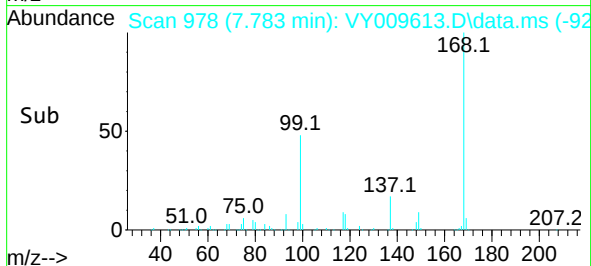
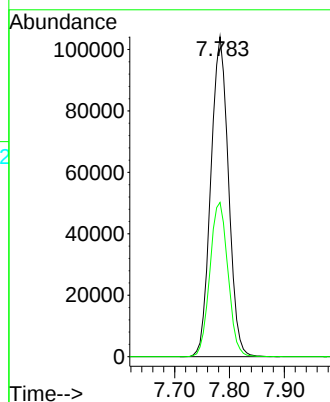
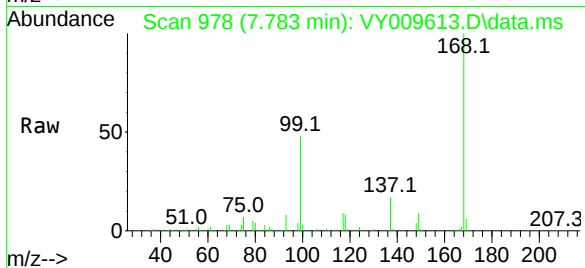




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009613.D
Acq: 20 Jul 2022 15:31

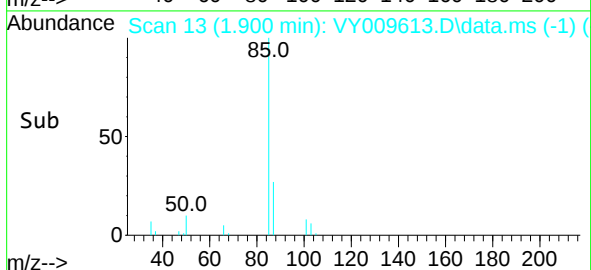
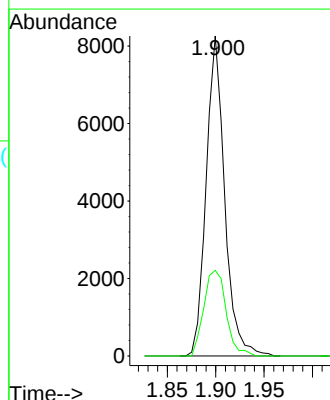
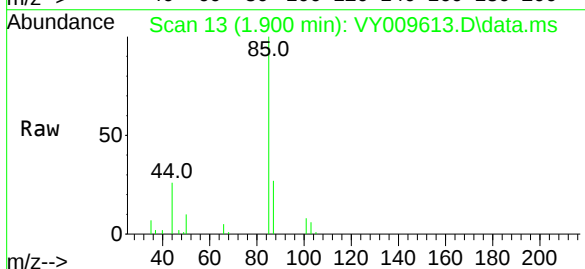
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-071922

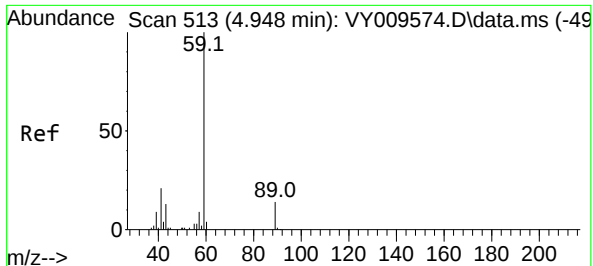
Tgt Ion:168 Resp: 232528
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 5.385 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009613.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 85 Resp: 10988
Ion Ratio Lower Upper
85 100
87 26.8 16.1 48.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.929 min Scan# 51

Delta R.T. -0.019 min

Lab File: VY009613.D

Acq: 20 Jul 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

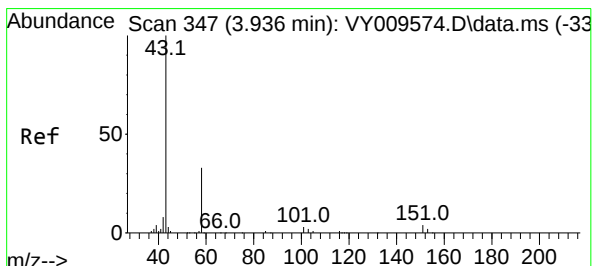
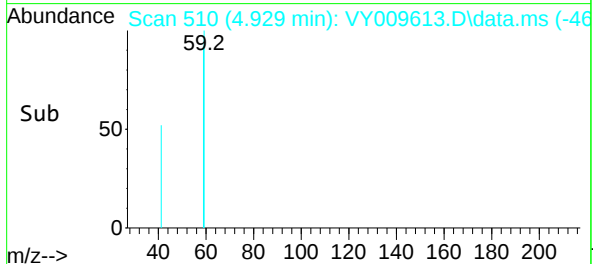
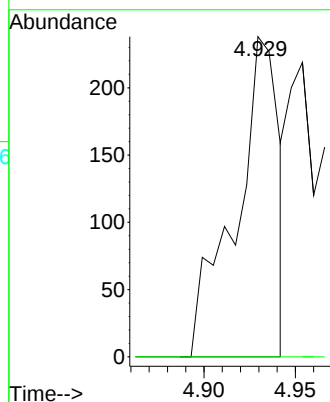
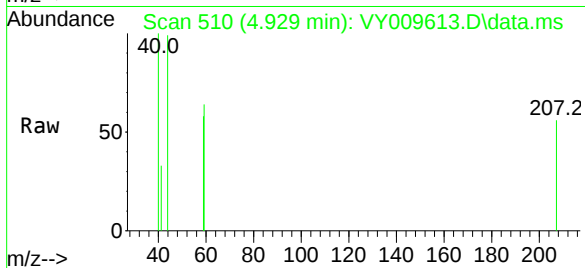
BU-03-071922

Tgt Ion: 59 Resp: 393

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.908 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009613.D

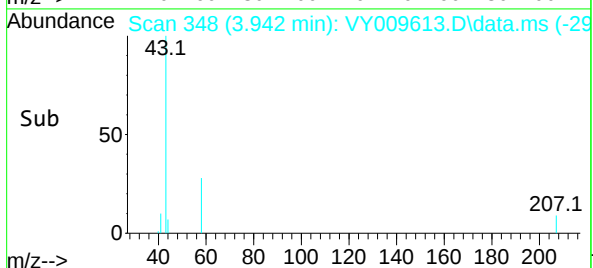
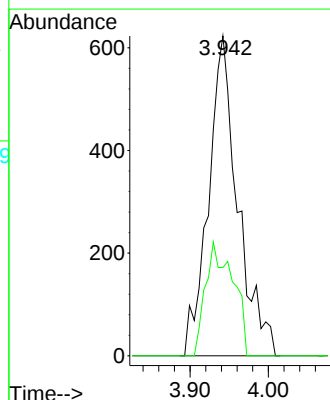
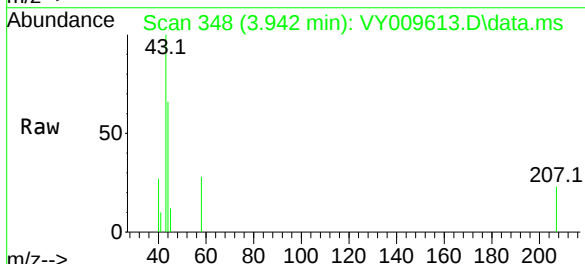
Acq: 20 Jul 2022 15:31

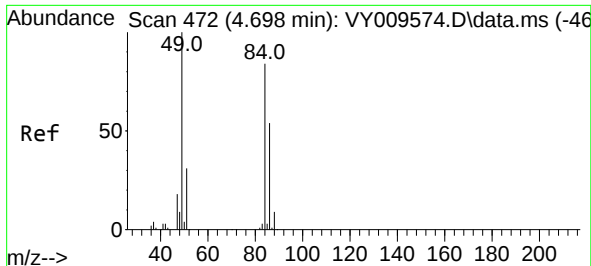
Tgt Ion: 43 Resp: 1618

Ion Ratio Lower Upper

43 100

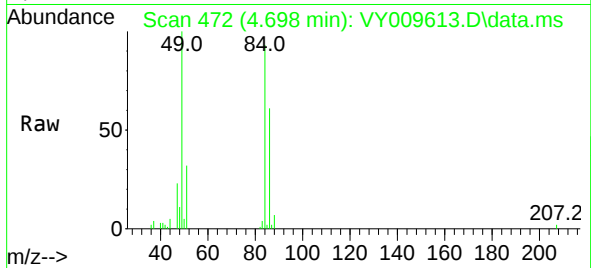
58 27.6 22.0 33.0



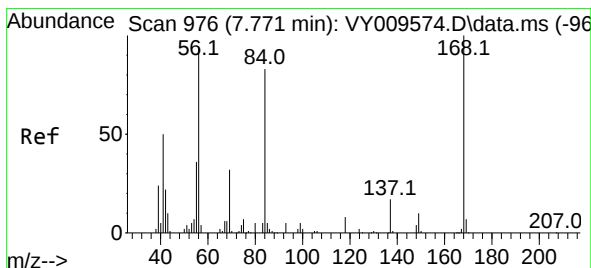
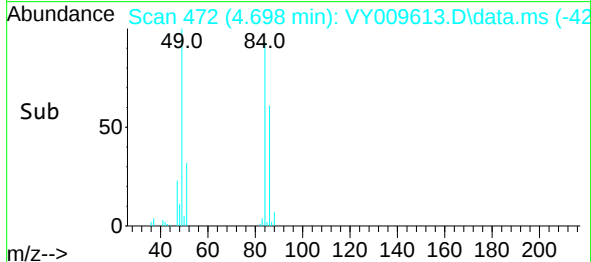
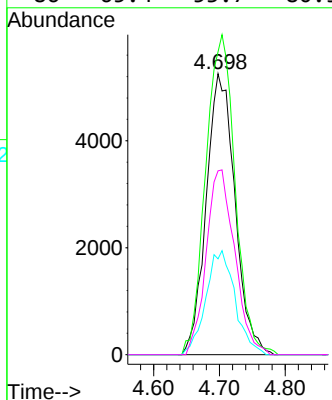


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009613.D
Acq: 20 Jul 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :
BU-03-071922

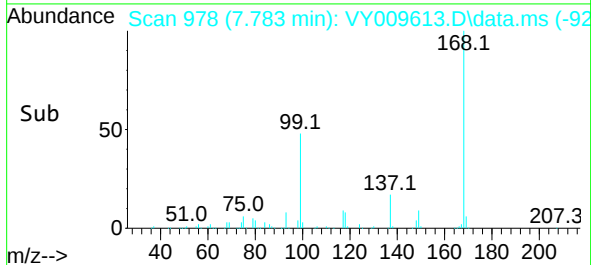
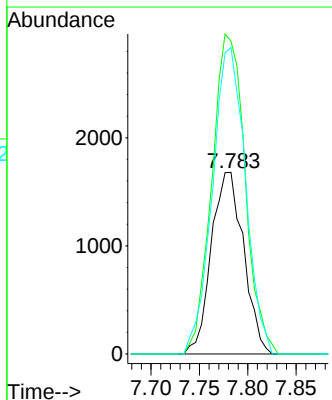
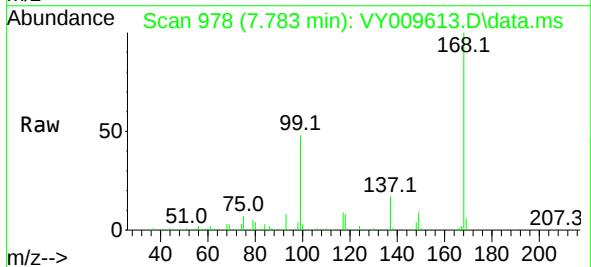


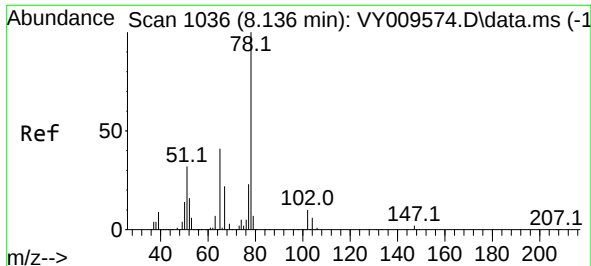
Tgt Ion:	84	Resp:	15975
Ion	Ratio	Lower	Upper
84	100		
49	107.8	114.4	171.6#
51	34.1	35.3	52.9#
86	65.4	53.7	80.5



#31
Cyclohexane
Concen: 1.004 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.012 min
Lab File: VY009613.D
Acq: 20 Jul 2022 15:31

Tgt Ion:	56	Resp:	3893
Ion	Ratio	Lower	Upper
56	100		
69	172.3	26.7	40.1#
84	168.9	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 47.487 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009613.D

Acq: 20 Jul 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

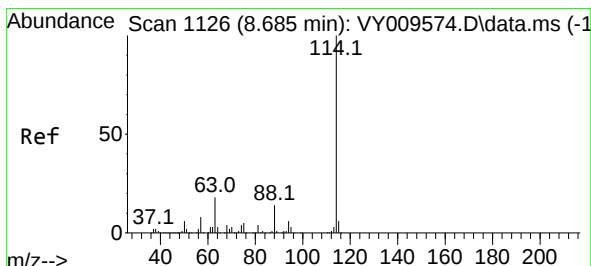
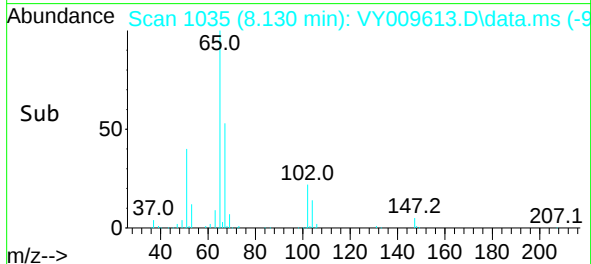
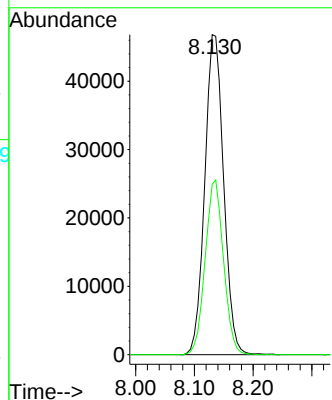
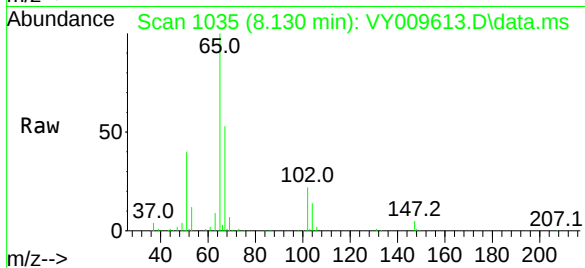
BU-03-071922

Tgt Ion: 65 Resp: 104431

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009613.D

Acq: 20 Jul 2022 15:31

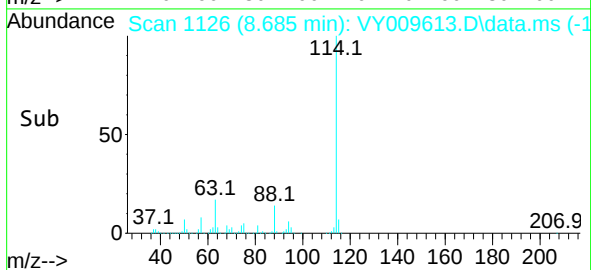
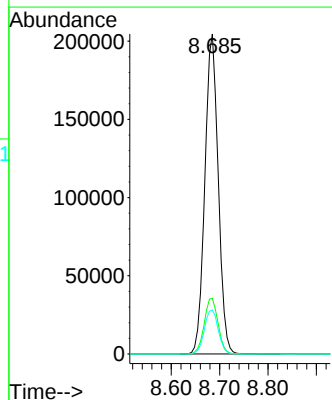
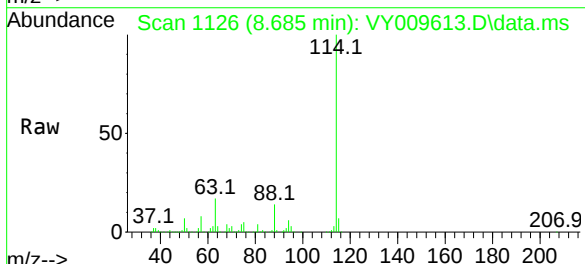
Tgt Ion: 114 Resp: 392183

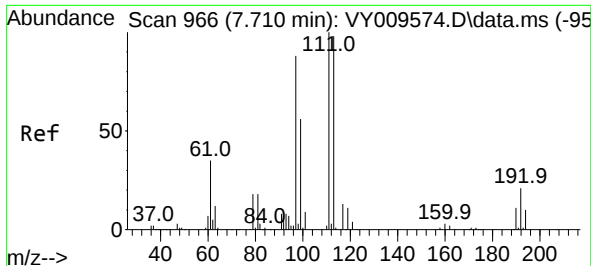
Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

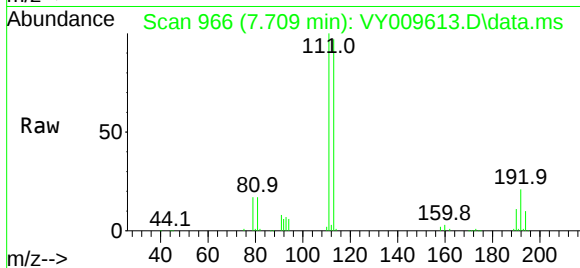
88 13.7 0.0 31.8



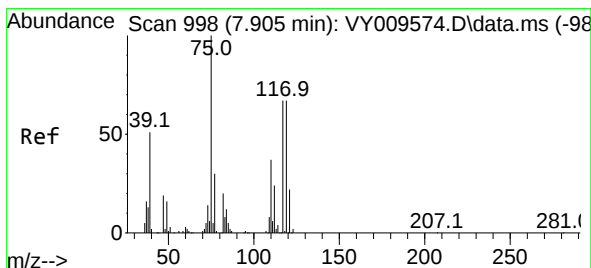
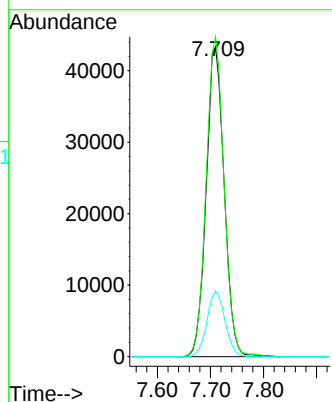
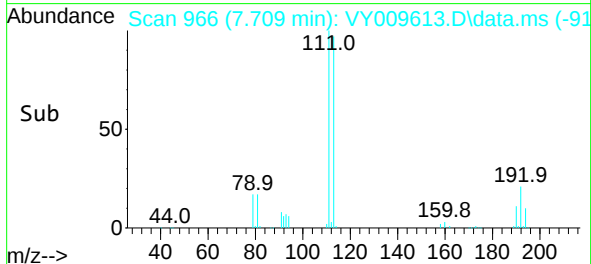


#35
Dibromofluoromethane
Concen: 41.424 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009613.D
Acq: 20 Jul 2022 15:31

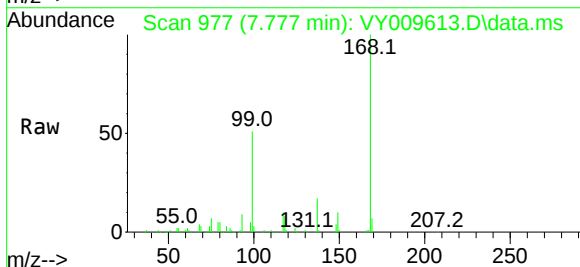
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-071922



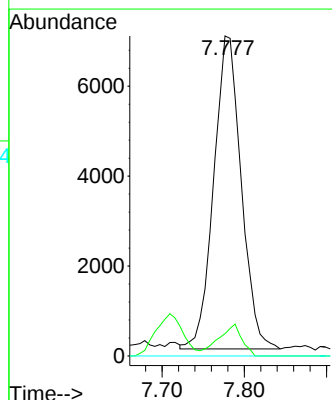
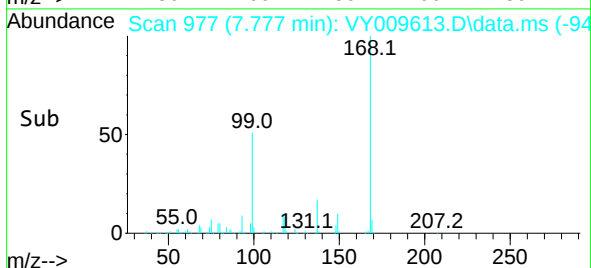
Tgt Ion:113 Resp: 102349
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 21.0 17.6 26.4

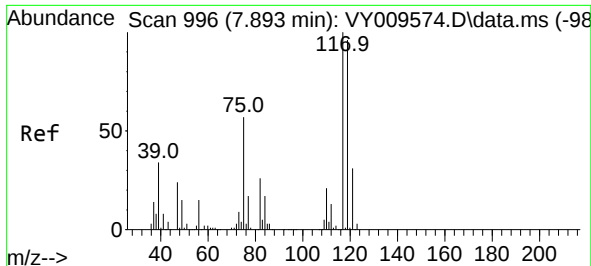


#36
1,1-Dichloropropene
Concen: 4.438 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY009613.D
Acq: 20 Jul 2022 15:31



Tgt Ion: 75 Resp: 16202
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#

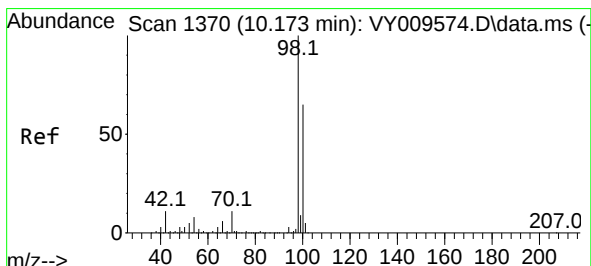
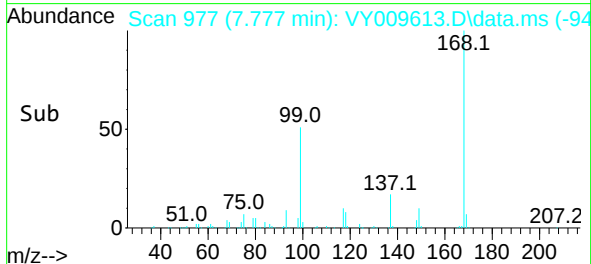
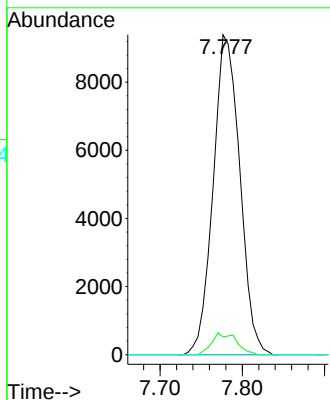
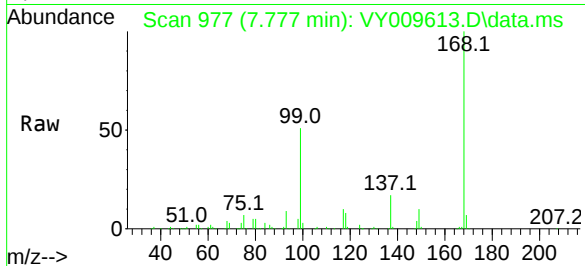




#38
Carbon Tetrachloride
Concen: 5.535 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009613.D
Acq: 20 Jul 2022 15:31

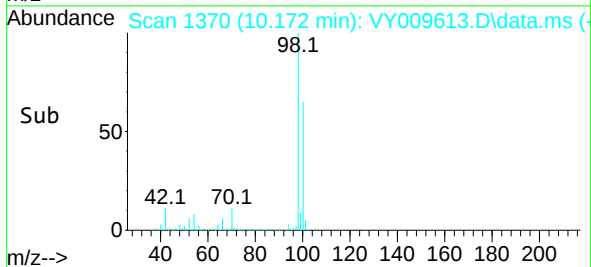
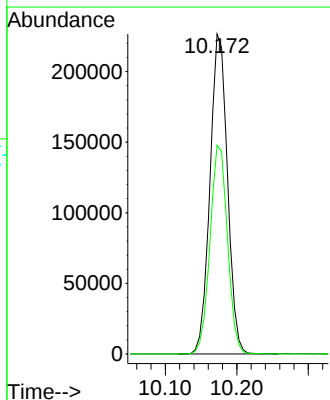
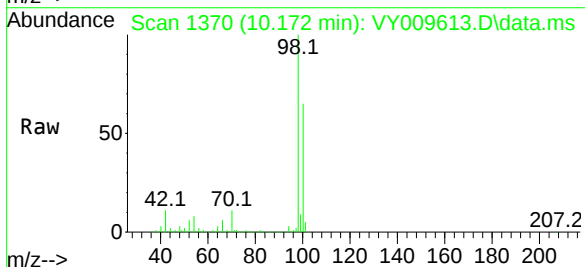
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MSVOA_Y
ClientSampleId :
BU-03-071922

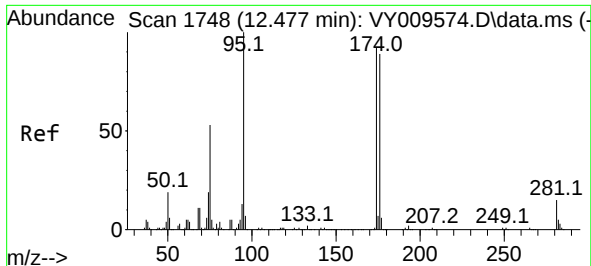
Tgt Ion:117 Resp: 21153
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 40.475 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009613.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 98 Resp: 384440
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

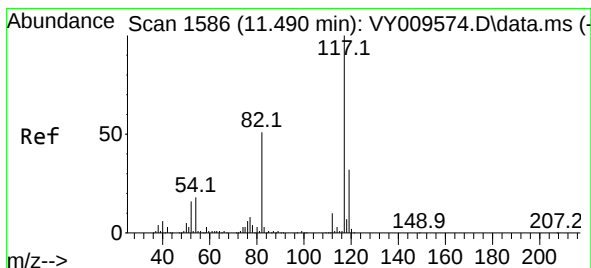
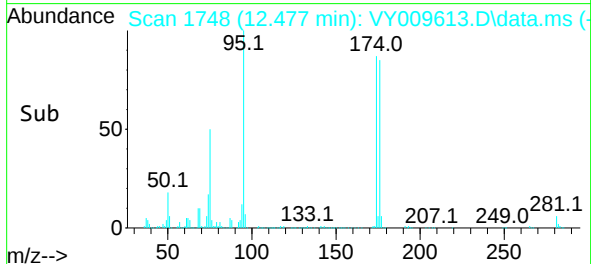
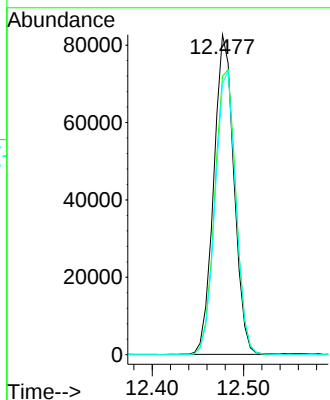
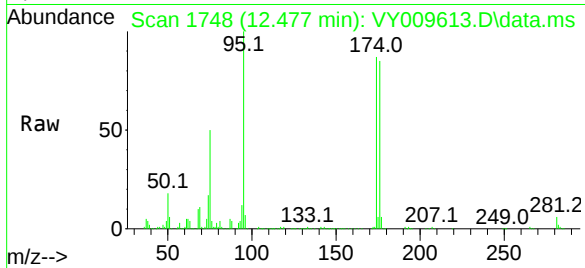




#62
4-Bromofluorobenzene
Concen: 41.218 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009613.D
Acq: 20 Jul 2022 15:31

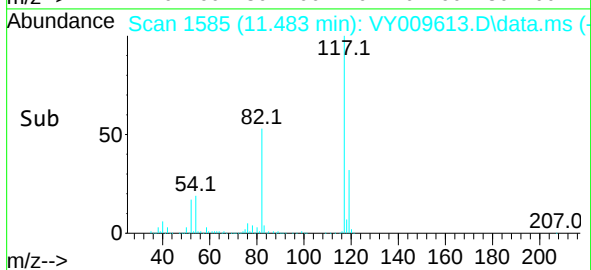
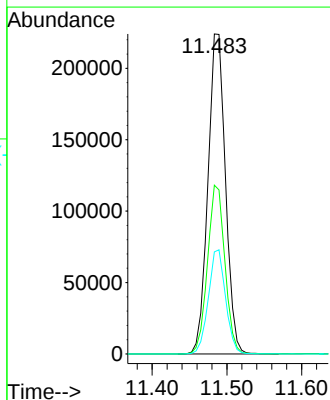
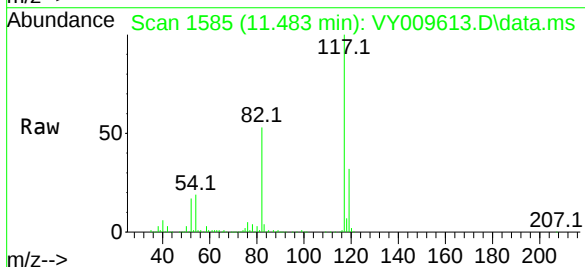
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-071922

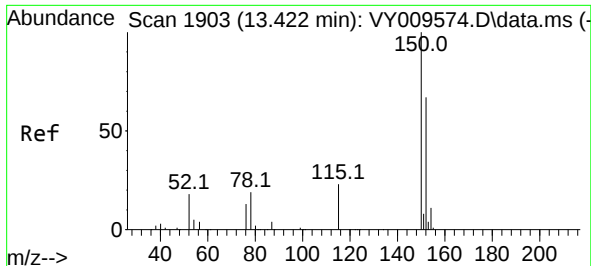
Tgt Ion: 95 Resp: 126857
Ion Ratio Lower Upper
95 100
174 93.3 0.0 177.0
176 90.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009613.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 117 Resp: 366072
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.9 25.4 38.0

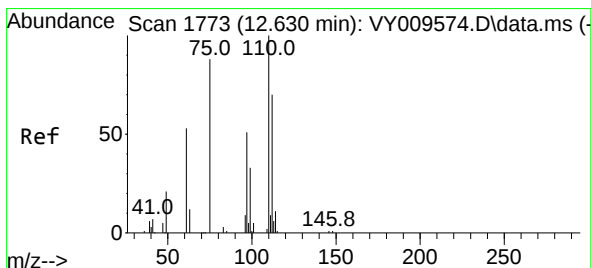
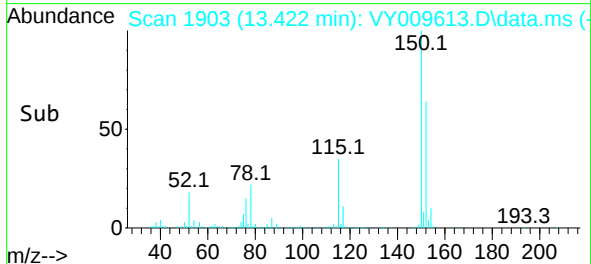
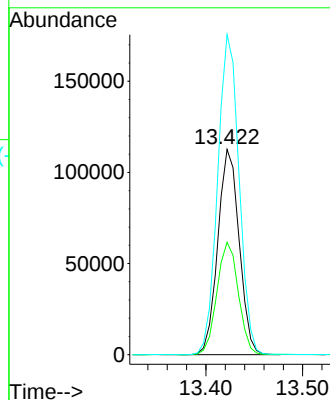
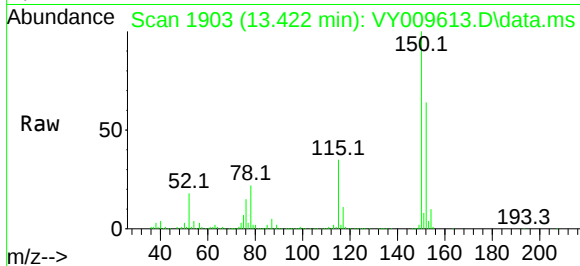




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009613.D
 Acq: 20 Jul 2022 15:31

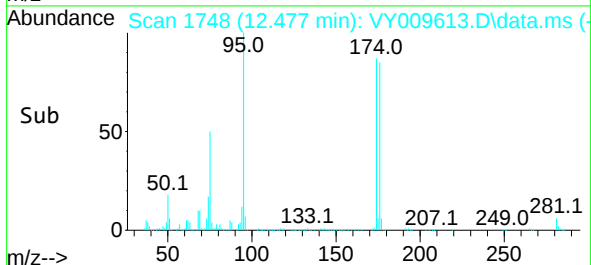
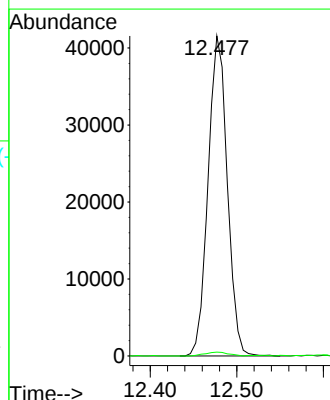
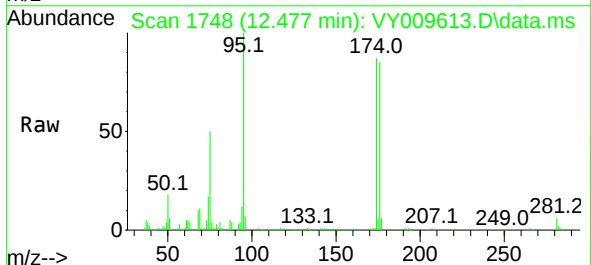
Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-071922

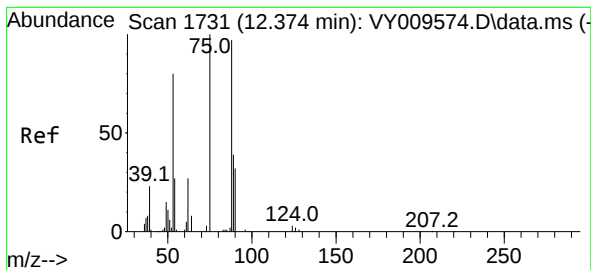
Tgt Ion:152 Resp: 172474
 Ion Ratio Lower Upper
 152 100
 115 54.9 28.2 84.7
 150 156.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 38.977 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009613.D
 Acq: 20 Jul 2022 15:31

Tgt Ion: 75 Resp: 64040
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.855 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009613.D
 Acq: 20 Jul 2022 15:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-071922

Tgt Ion: 75 Resp: 64040
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

