

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009923.D
 Acq On : 09 Aug 2022 16:34
 Operator : KP/MD
 Sample : N4091-09
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-124019

Quant Time: Aug 09 23:07:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

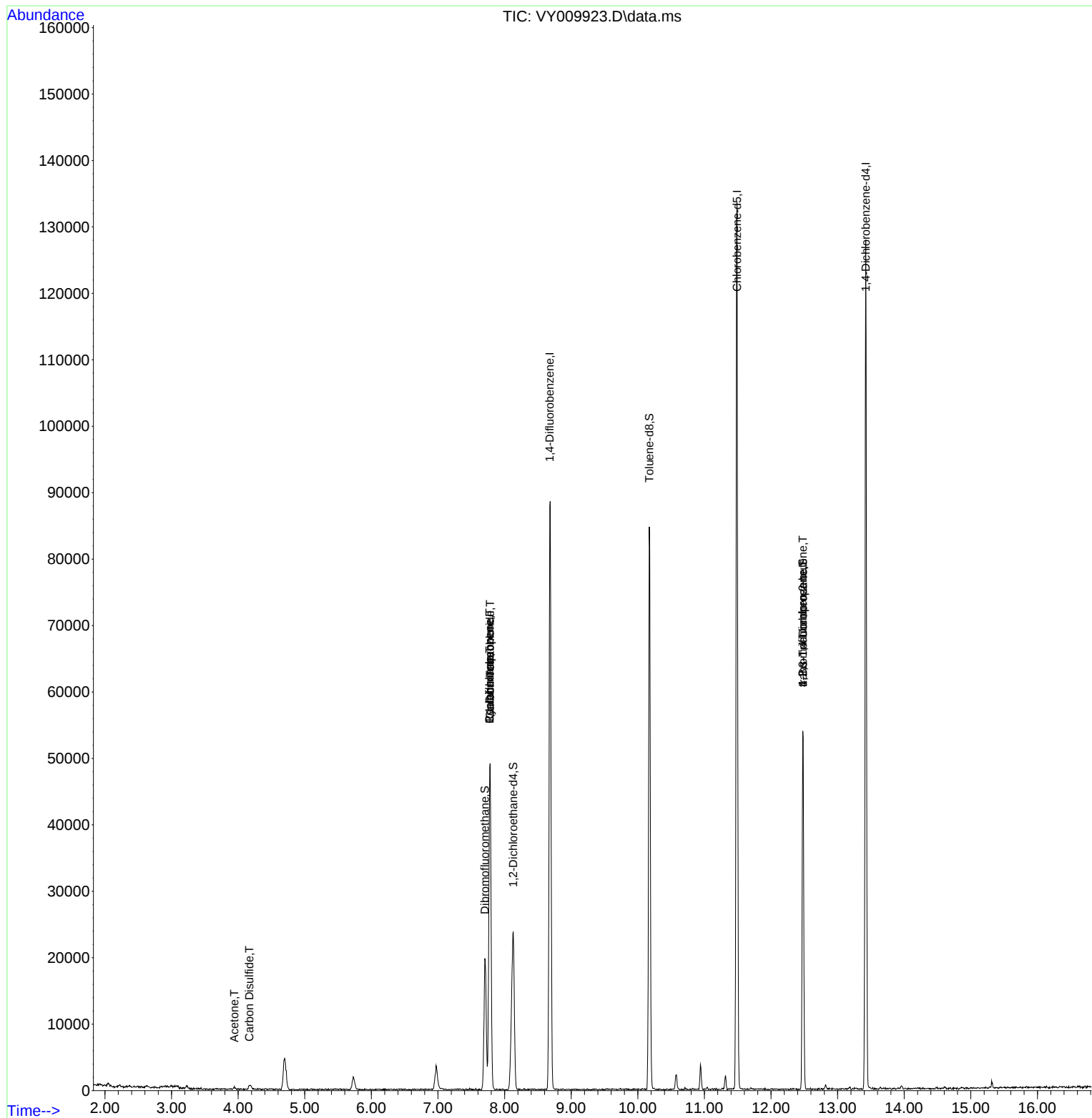
Internal Standards						
1) Pentafluorobenzene	7.777	168	37802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	76266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	71308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	31434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	14119	47.412	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.820%		
35) Dibromofluoromethane	7.704	113	14119	34.103	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	68.200%		
50) Toluene-d8	10.173	98	54799	42.717	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	85.440%		
62) 4-Bromofluorobenzene	12.477	95	16124	27.893	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	55.780%		
Target Compounds			Qvalue			
16) Acetone	3.942	43	365	3.423	ug/l	94
17) Carbon Disulfide	4.168	76	1294	1.129	ug/l #	76
18) Methyl Acetate	4.479	43	117	Below Cal	#	52
20) Methylene Chloride	4.698	84	3703	Below Cal		96
31) Cyclohexane	7.777	56	842	1.147	ug/l #	27
36) 1,1-Dichloropropene	7.777	75	3215	4.602	ug/l #	47
38) Carbon Tetrachloride	7.783	117	3952	5.700	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	8702	25.303	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	8702	51.156	ug/l #	13

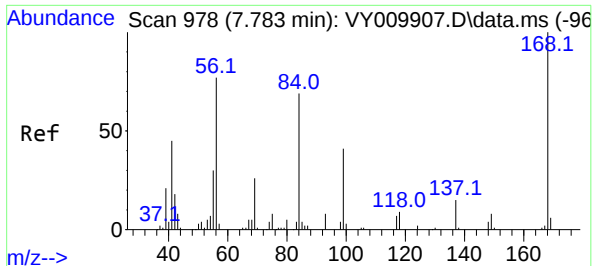
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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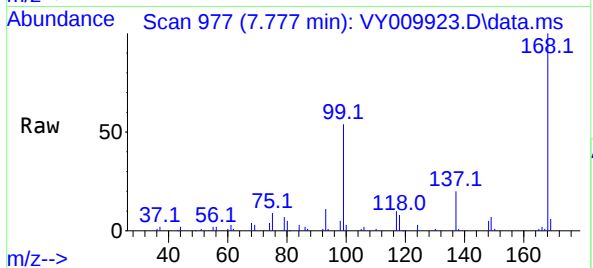
Quant Time: Aug 09 23:07:29 2022
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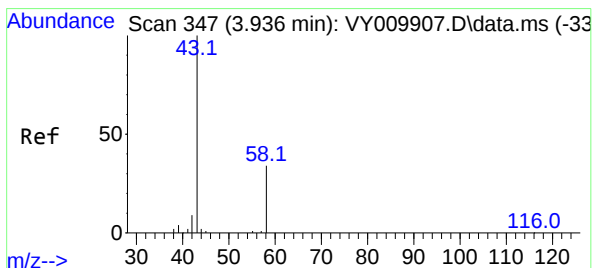
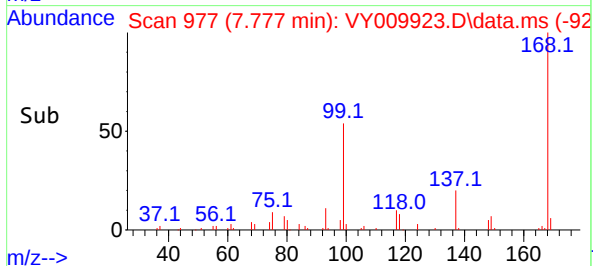
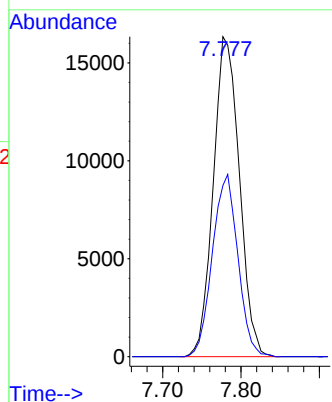


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.005 min
Lab File: VY009923.D
Acq: 09 Aug 2022 16:34

Instrument :
MSVOA_Y
ClientSampleId :
RO-124019

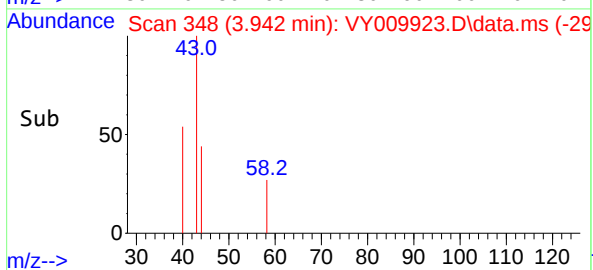
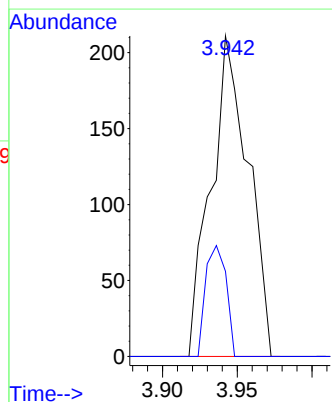
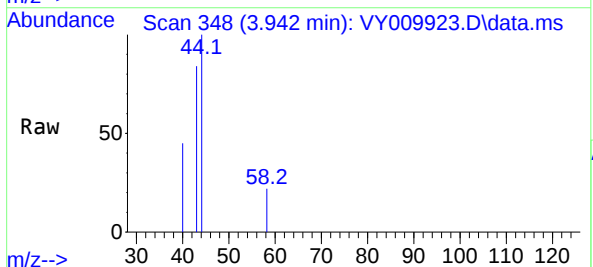


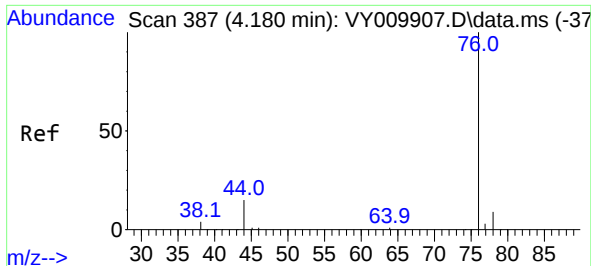
Tgt Ion:168 Resp: 37802
Ion Ratio Lower Upper
168 100
99 53.5 42.1 63.1



#16
Acetone
Concen: 3.423 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009923.D
Acq: 09 Aug 2022 16:34

Tgt Ion: 43 Resp: 365
Ion Ratio Lower Upper
43 100
58 26.5 24.0 36.0

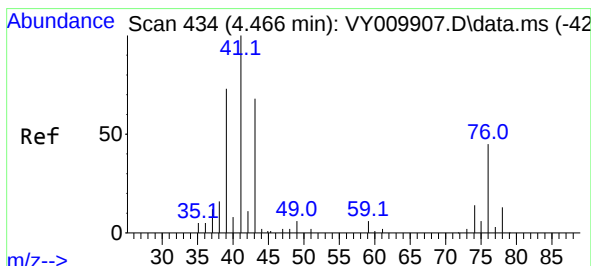
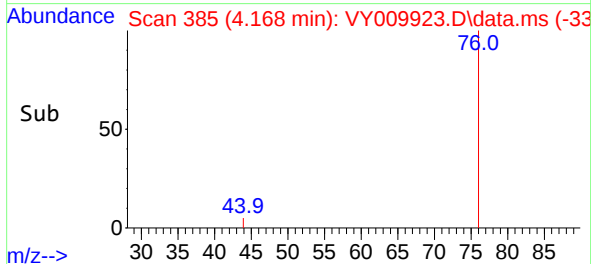
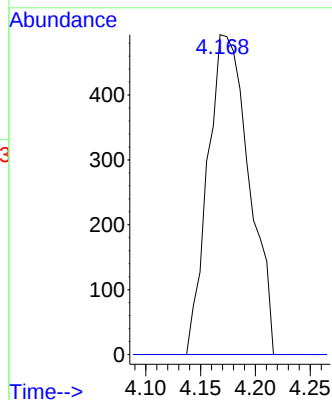
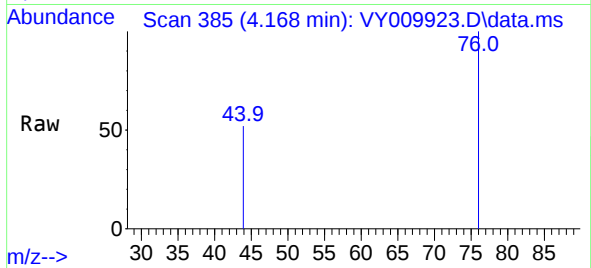




#17
Carbon Disulfide
Concen: 1.129 ug/l
RT: 4.168 min Scan# 31
Delta R.T. -0.005 min
Lab File: VY009923.D
Acq: 09 Aug 2022 16:34

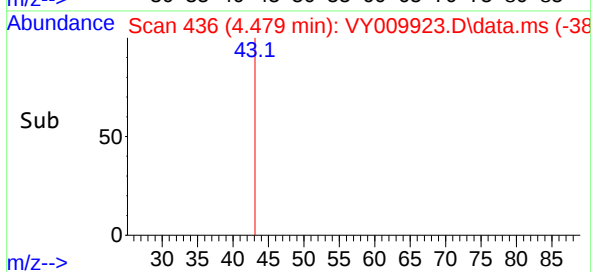
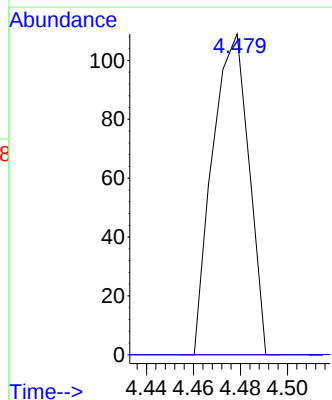
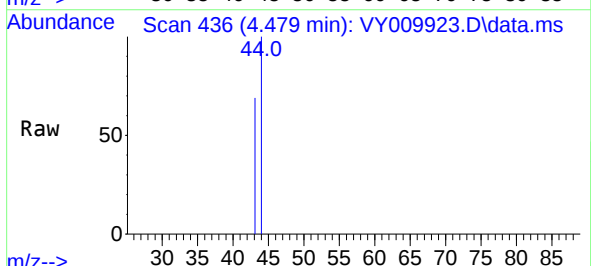
Instrument :
MSVOA_Y
ClientSampleId :
RO-124019

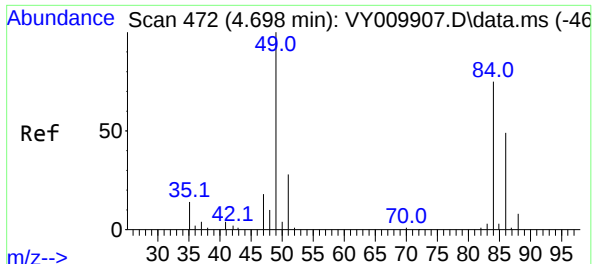
Tgt Ion: 76 Resp: 1294
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY009923.D
Acq: 09 Aug 2022 16:34

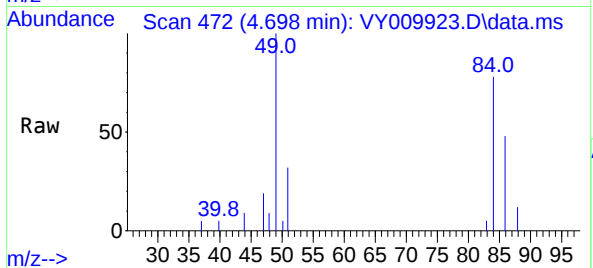
Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#





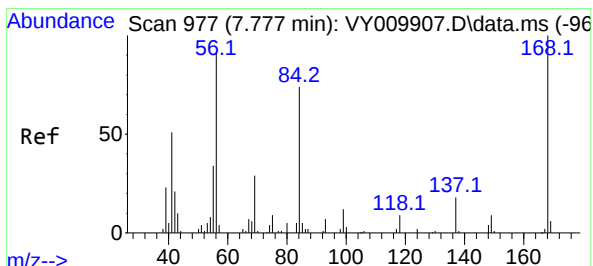
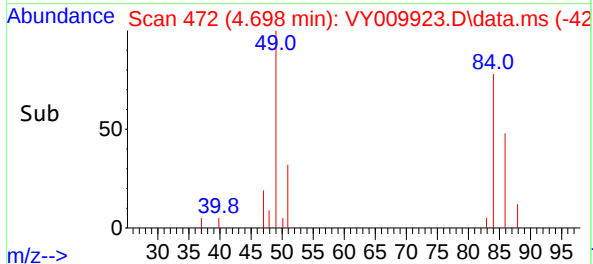
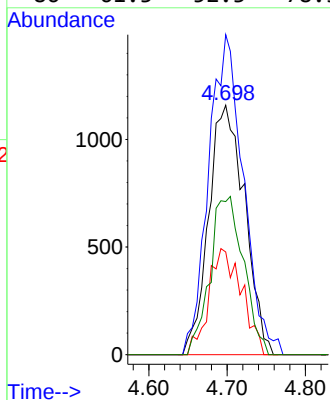
#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009923.D
Acq: 09 Aug 2022 16:34

Instrument :
MSVOA_Y
ClientSampleId :
RO-124019



Tgt Ion: 84 Resp: 3703

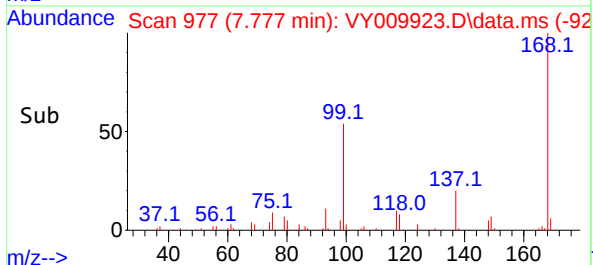
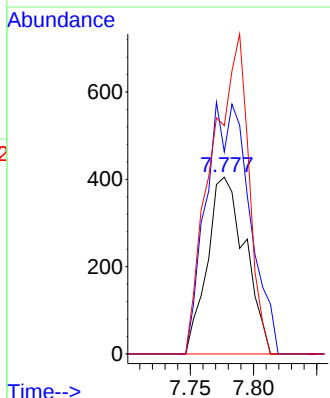
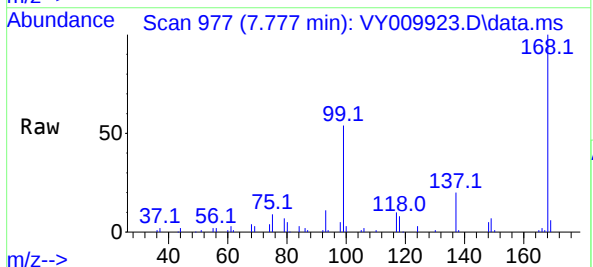
Ion	Ratio	Lower	Upper
84	100		
49	128.3	98.2	147.4
51	41.2	33.4	50.0
86	61.3	52.3	78.5

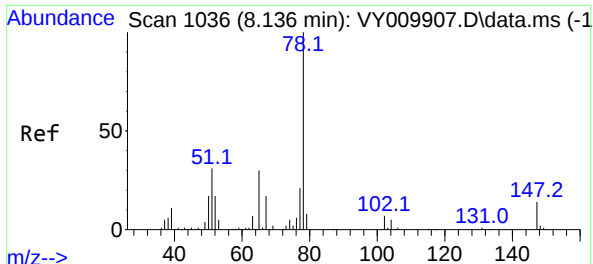


#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.001 min
Lab File: VY009923.D
Acq: 09 Aug 2022 16:34

Tgt Ion: 56 Resp: 842

Ion	Ratio	Lower	Upper
56	100		
69	114.3	26.0	39.0#
84	129.1	69.5	104.3#





#33

1,2-Dichloroethane-d4

Concen: 47.412 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009923.D

Acq: 09 Aug 2022 16:34

Instrument :

MSVOA_Y

ClientSampleId :

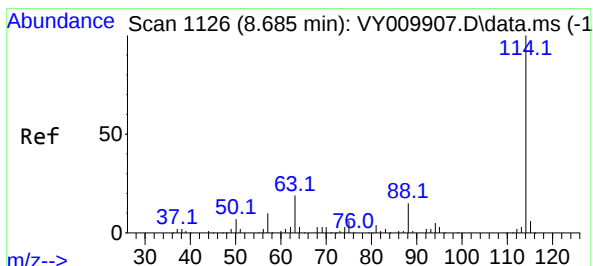
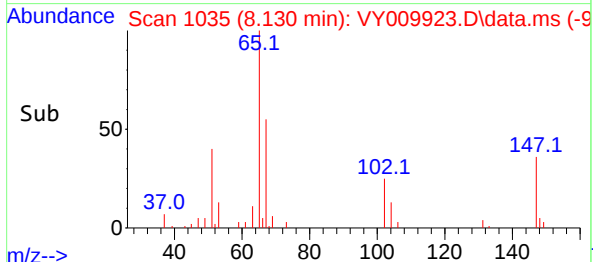
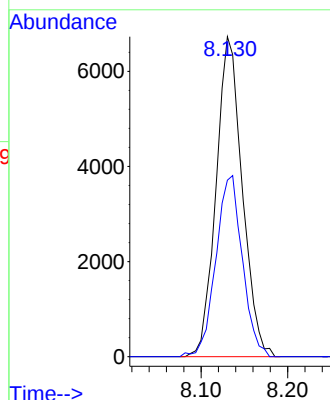
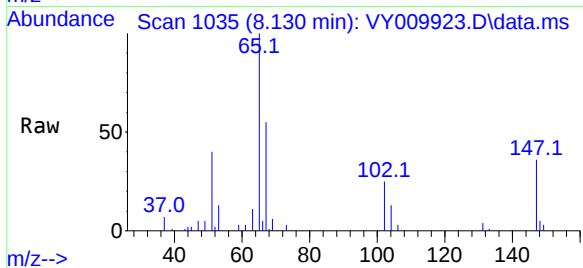
RO-124019

Tgt Ion: 65 Resp: 14119

Ion Ratio Lower Upper

65 100

67 57.3 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY009923.D

Acq: 09 Aug 2022 16:34

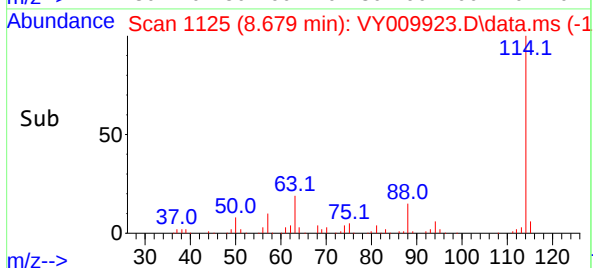
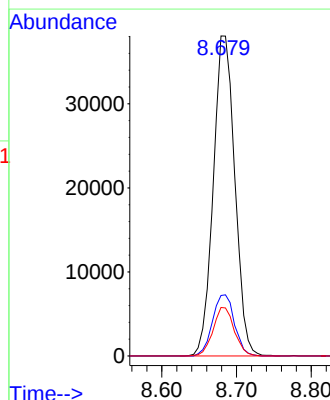
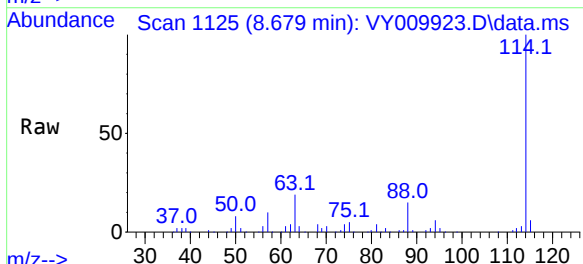
Tgt Ion: 114 Resp: 76266

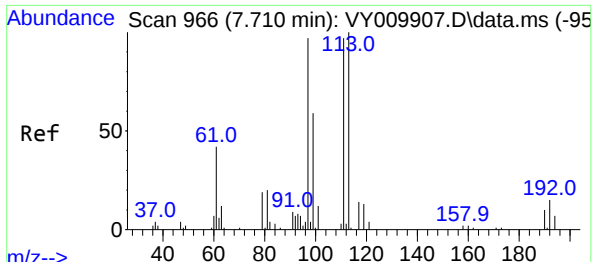
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.0

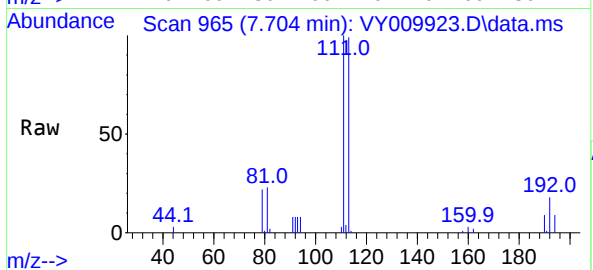
88 15.2 0.0 30.0



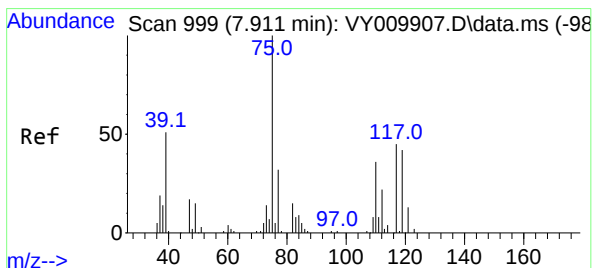
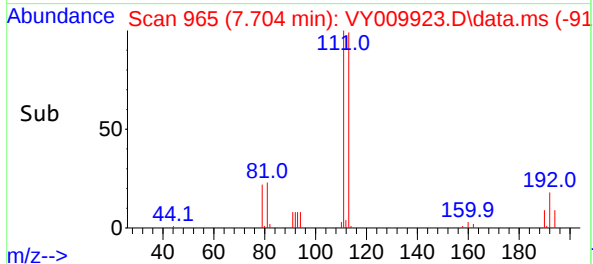
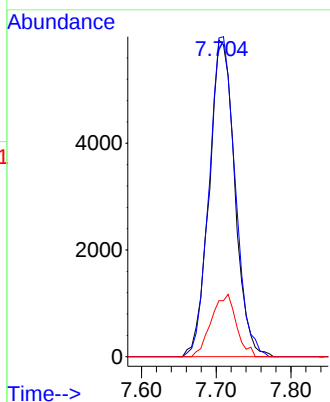


#35
Dibromofluoromethane
Concen: 34.103 ug/l
RT: 7.704 min Scan# 911
Delta R.T. -0.005 min
Lab File: VY009923.D
Acq: 09 Aug 2022 16:34

Instrument :
MSVOA_Y
ClientSampleId :
RO-124019

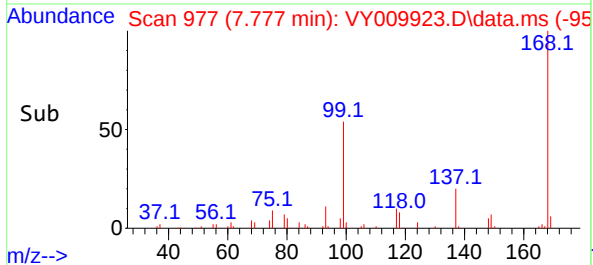
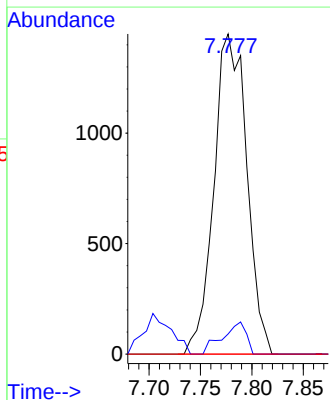
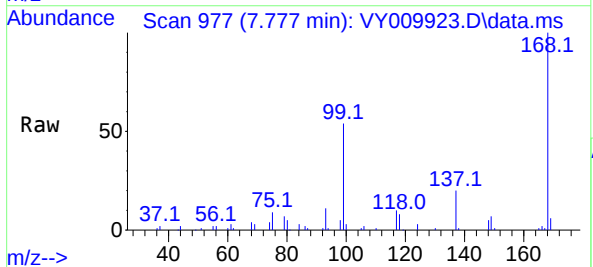


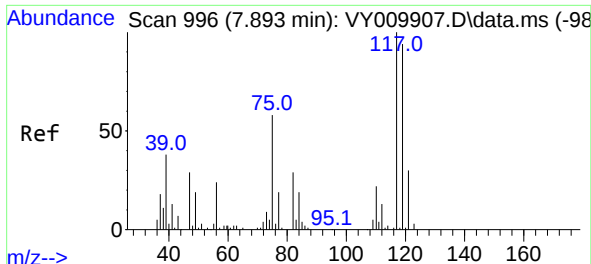
Tgt Ion:113 Resp: 14119
Ion Ratio Lower Upper
113 100
111 102.0 80.6 120.8
192 19.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.602 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009923.D
Acq: 09 Aug 2022 16:34

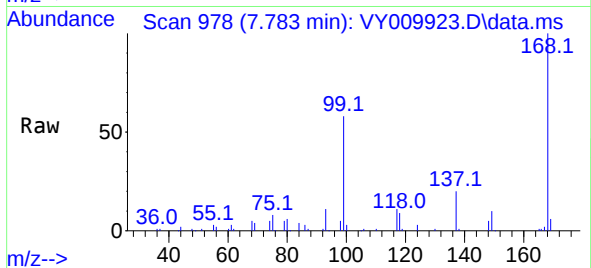
Tgt Ion: 75 Resp: 3215
Ion Ratio Lower Upper
75 100
110 7.2 18.6 56.0#
77 0.0 25.0 37.4#



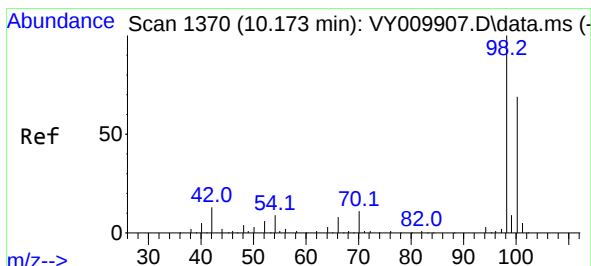
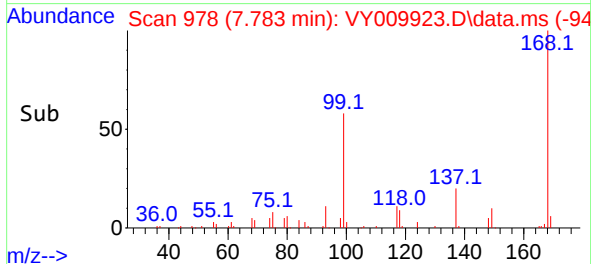
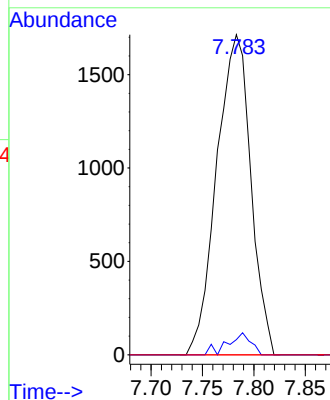


#38
Carbon Tetrachloride
Concen: 5.700 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009923.D
Acq: 09 Aug 2022 16:34

Instrument :
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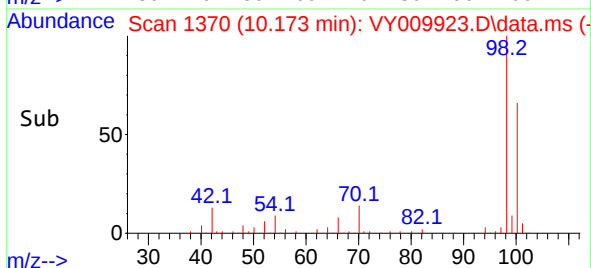
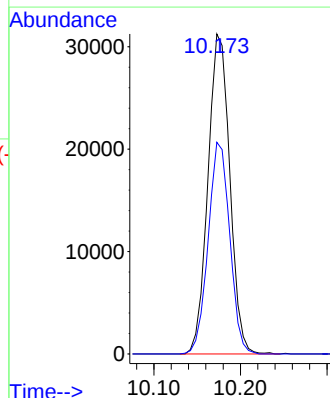
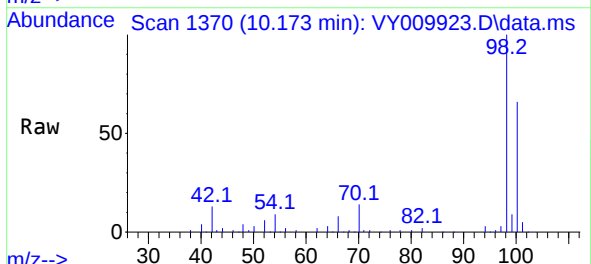


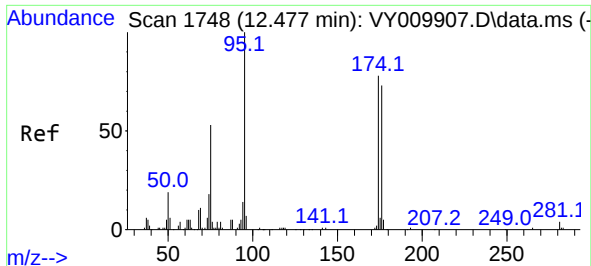
Tgt Ion:117 Resp: 3952
Ion Ratio Lower Upper
117 100
119 4.7 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 42.717 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.001 min
Lab File: VY009923.D
Acq: 09 Aug 2022 16:34

Tgt Ion: 98 Resp: 54799
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3

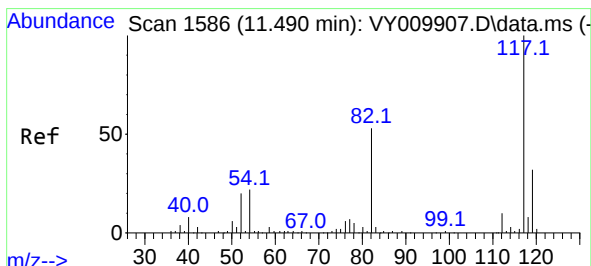
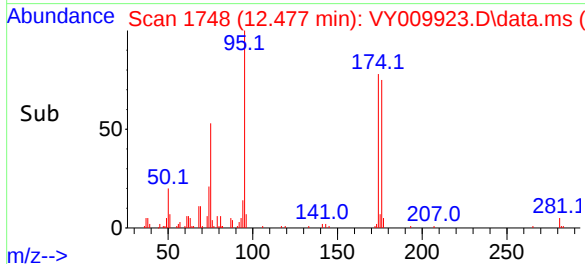
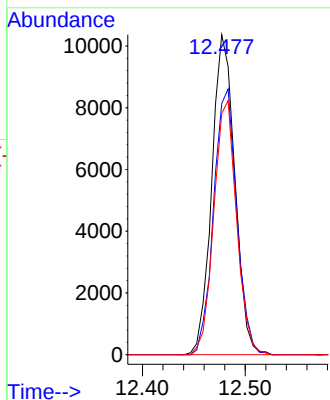
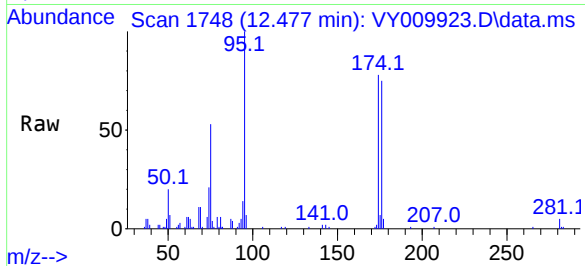




#62
4-Bromofluorobenzene
Concen: 27.893 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009923.D
Acq: 09 Aug 2022 16:34

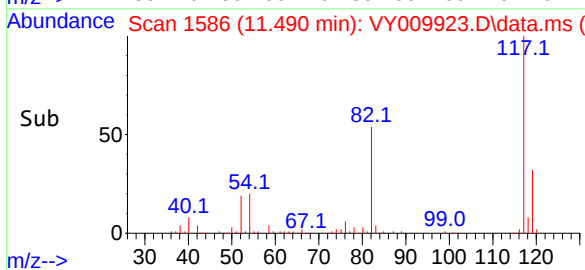
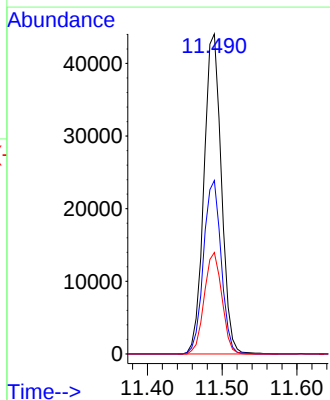
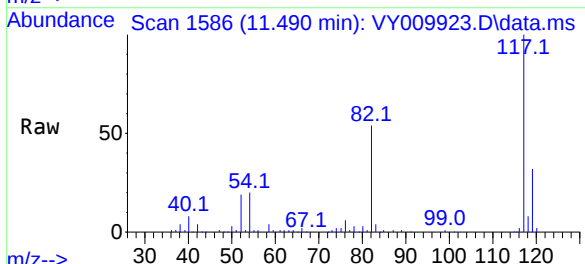
Instrument :
MSVOA_Y
ClientSampleId :
RO-124019

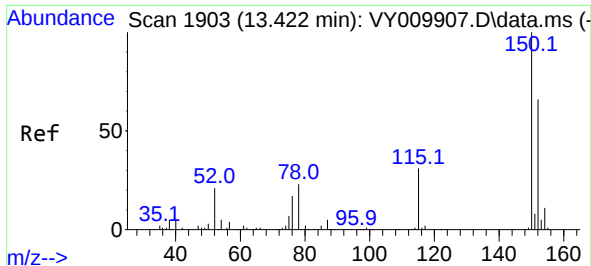
Tgt Ion:	95	Resp:	16124
Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	173.8
176	78.4	0.0	167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009923.D
Acq: 09 Aug 2022 16:34

Tgt Ion:	117	Resp:	71308
Ion	Ratio	Lower	Upper
117	100		
82	54.2	41.8	62.6
119	31.7	25.6	38.4

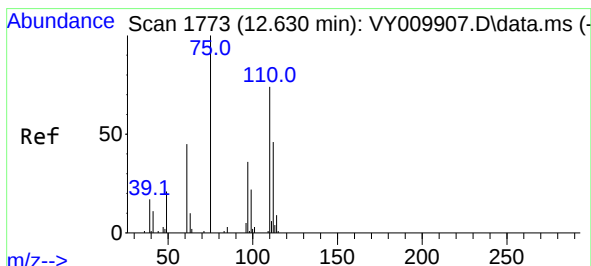
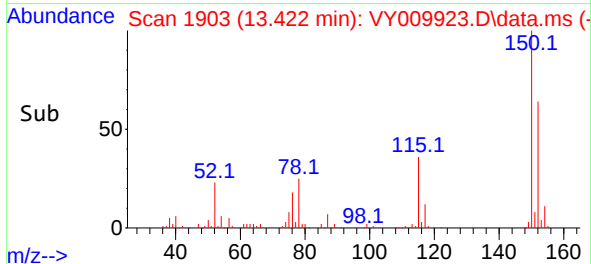
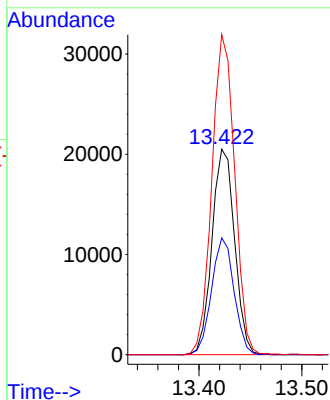
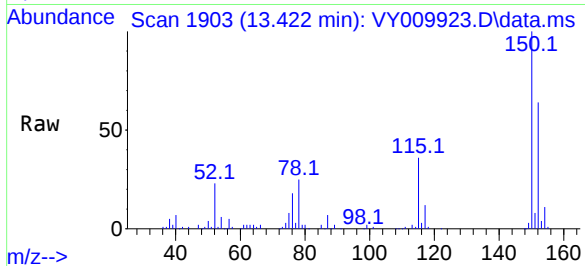




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009923.D
Acq: 09 Aug 2022 16:34

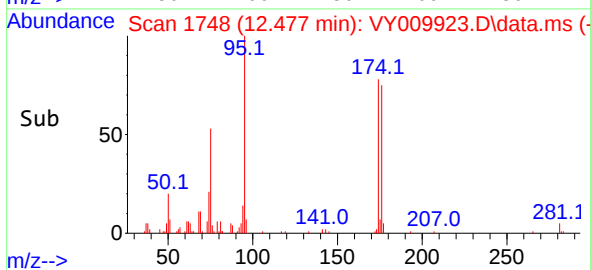
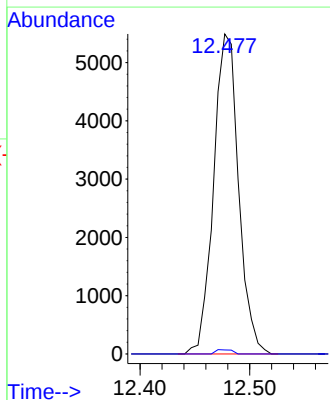
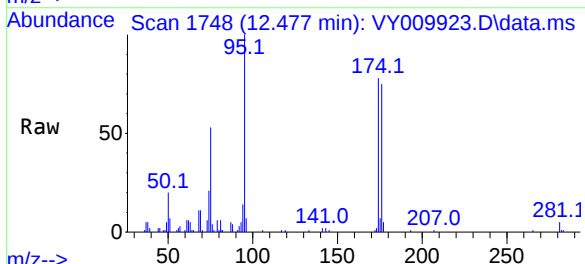
Instrument :
MSVOA_Y
ClientSampleId :
RO-124019

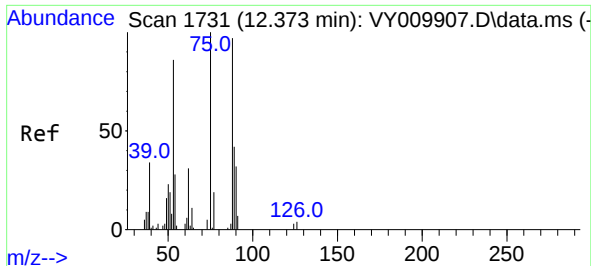
Tgt Ion:152 Resp: 31434
Ion Ratio Lower Upper
152 100
115 56.5 28.6 85.9
150 156.6 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 25.303 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009923.D
Acq: 09 Aug 2022 16:34

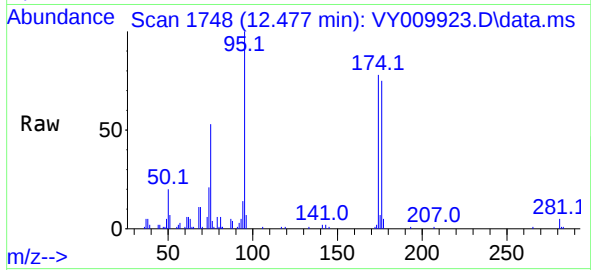
Tgt Ion: 75 Resp: 8702
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.156 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009923.D
 Acq: 09 Aug 2022 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-124019



Tgt Ion:	75	Resp:	8702
Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.4	107.2#
89	0.3	38.1	57.1#

