

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009904.D
 Acq On : 09 Aug 2022 03:32
 Operator : KP/MD
 Sample : N4044-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-192

Quant Time: Aug 09 07:00:55 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)

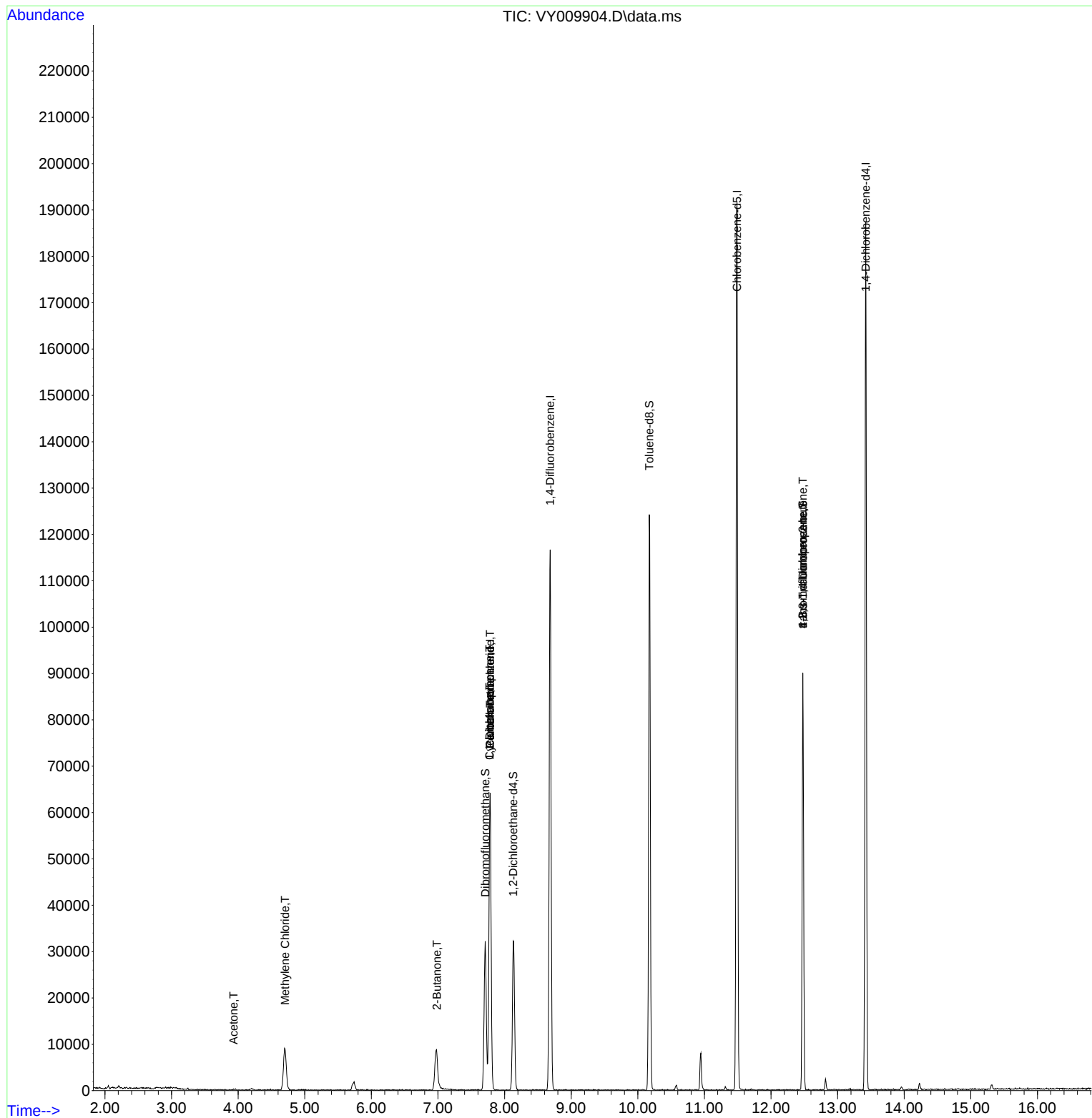
Internal Standards						
1) Pentafluorobenzene	7.783	168	48767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	98367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	102243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	23839	64.059	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 128.120%	
35) Dibromofluoromethane	7.710	113	22296	41.754	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 83.500%	
50) Toluene-d8	10.173	98	79418	48.959	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 97.920%	
62) 4-Bromofluorobenzene	12.477	95	24938	33.447	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 66.900%	
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	188	1.367	ug/l #	45
18) Methyl Acetate	4.454	43	49	Below Cal	#	52
20) Methylene Chloride	4.704	84	6531	1.492	ug/l	95
25) 2-Butanone	6.984	43	472	2.084	ug/l #	48
31) Cyclohexane	7.777	56	1217	1.285	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	4125	4.578	ug/l #	49
38) Carbon Tetrachloride	7.783	117	4930	5.513	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	13378	26.383	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	13378	53.339	ug/l #	13

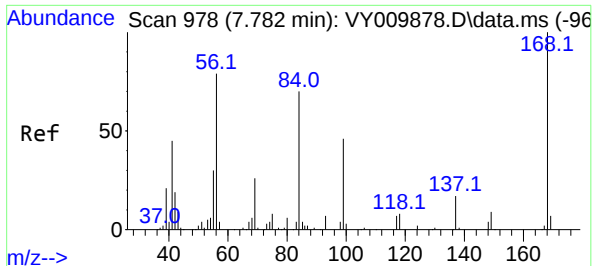
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 34 Sample Multiplier: 1

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RVE-192

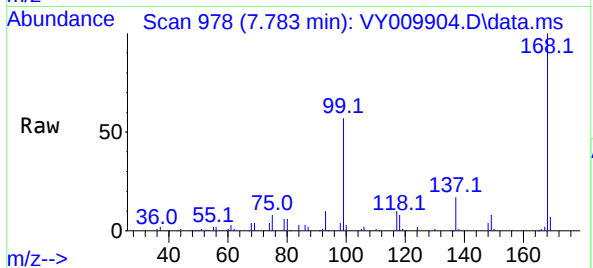
Quant Time: Aug 09 07:00:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
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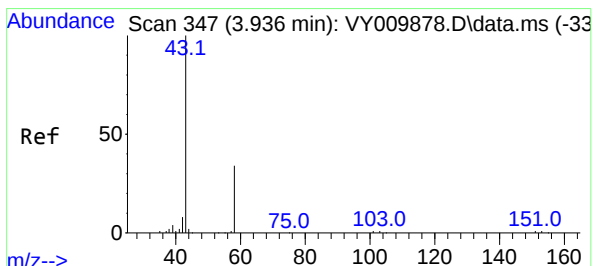
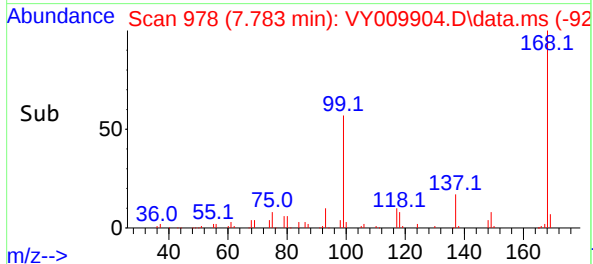
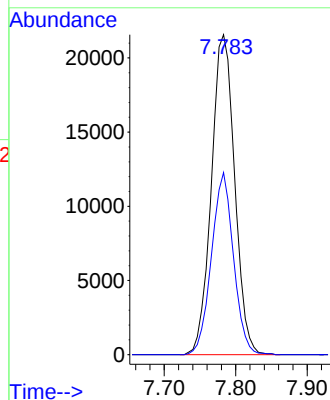


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009904.D
Acq: 09 Aug 2022 03:32

Instrument :
MSVOA_Y
ClientSampleId :
RVE-192

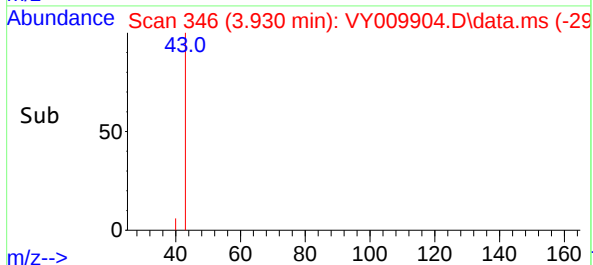
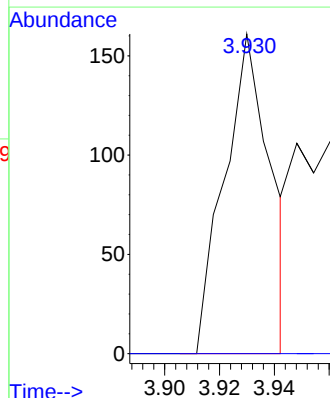
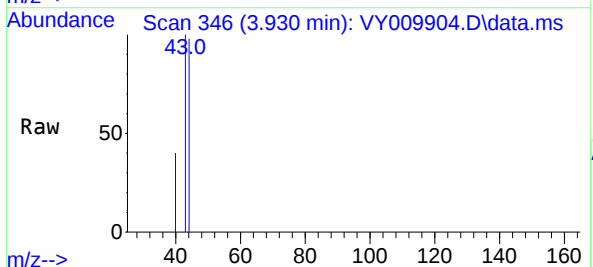


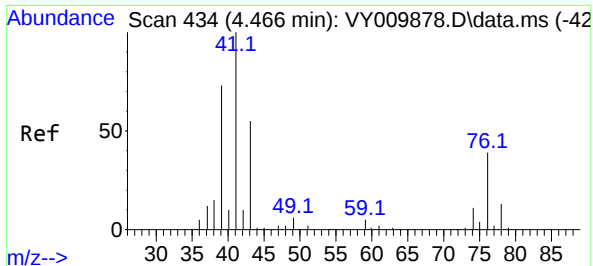
Tgt Ion:168 Resp: 48767
Ion Ratio Lower Upper
168 100
99 56.9 42.1 63.1



#16
Acetone
Concen: 1.367 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY009904.D
Acq: 09 Aug 2022 03:32

Tgt Ion: 43 Resp: 188
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#

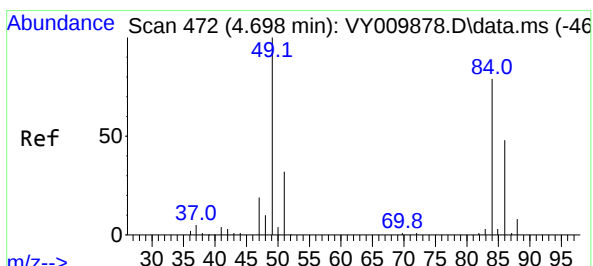
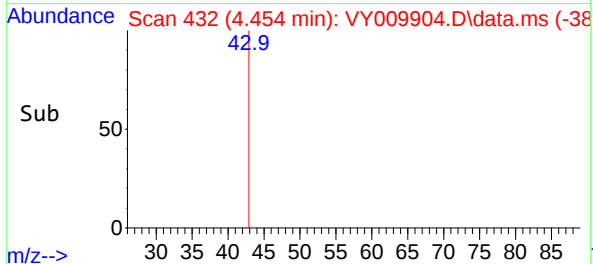
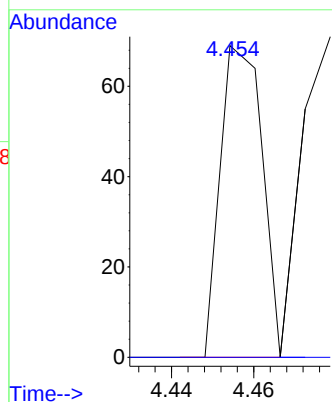
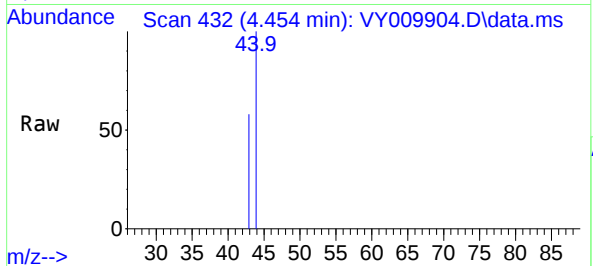




#18
Methyl Acetate
Concen: Below Cal
RT: 4.454 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY009904.D
Acq: 09 Aug 2022 03:32

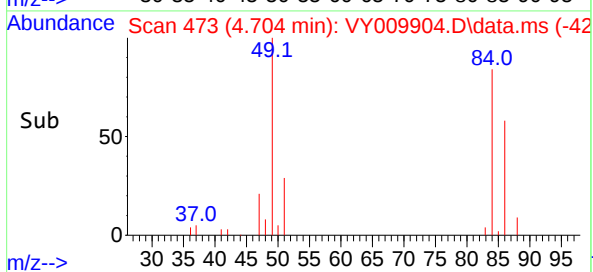
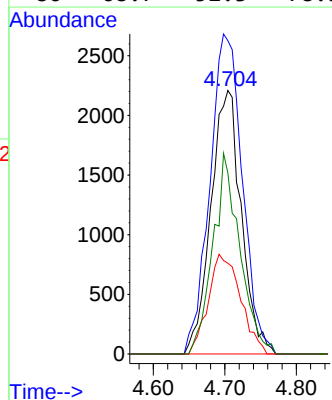
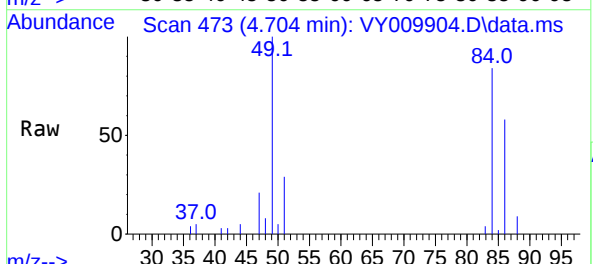
Instrument :
MSVOA_Y
ClientSampleId :
RVE-192

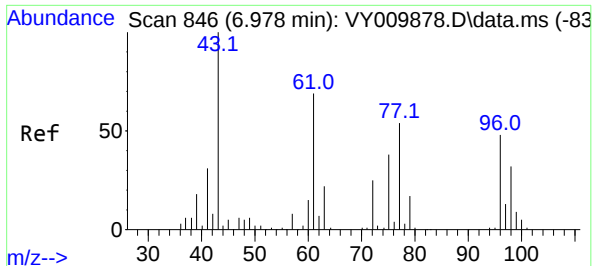
Tgt Ion: 43 Resp: 49
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: 1.492 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009904.D
Acq: 09 Aug 2022 03:32

Tgt Ion: 84 Resp: 6531
Ion Ratio Lower Upper
84 100
49 118.9 98.2 147.4
51 34.4 33.4 50.0
86 68.7 52.3 78.5





#25

2-Butanone

Concen: 2.084 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009904.D

Acq: 09 Aug 2022 03:32

Instrument :

MSVOA_Y

ClientSampleId :

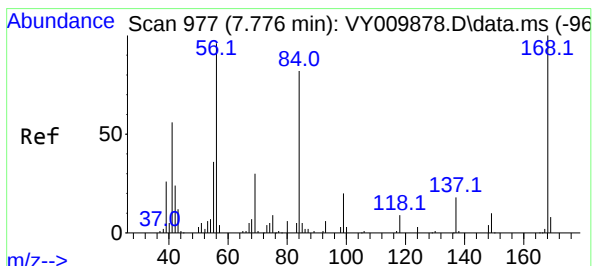
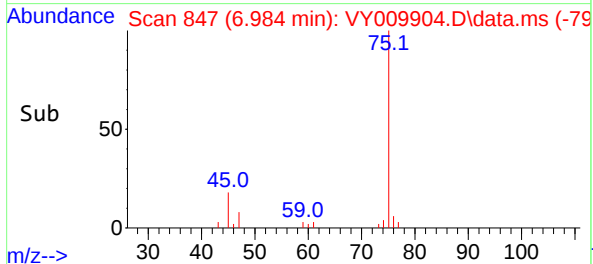
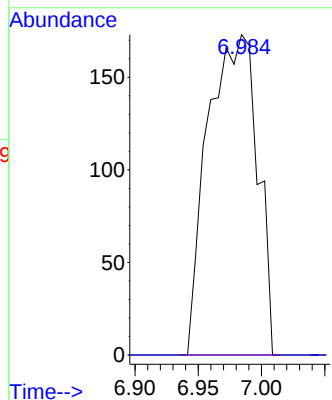
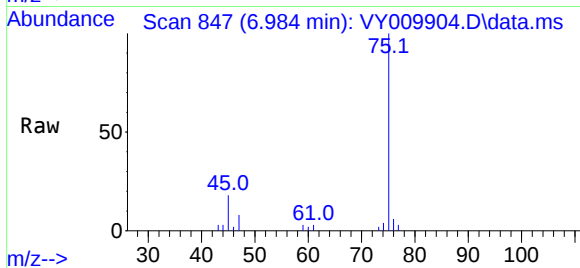
RVE-192

Tgt Ion: 43 Resp: 472

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



#31

Cyclohexane

Concen: 1.285 ug/l

RT: 7.777 min Scan# 977

Delta R.T. 0.001 min

Lab File: VY009904.D

Acq: 09 Aug 2022 03:32

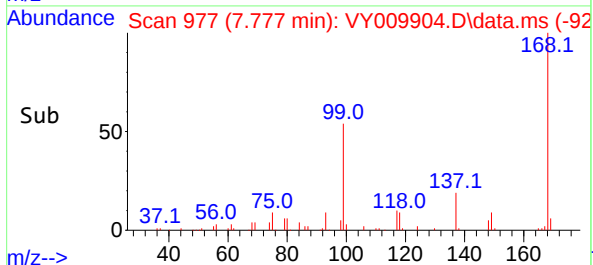
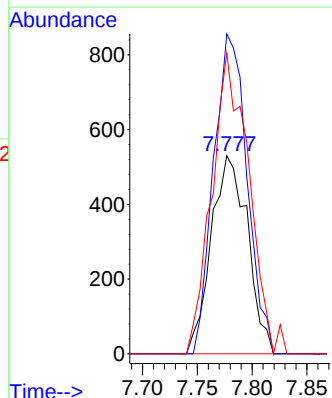
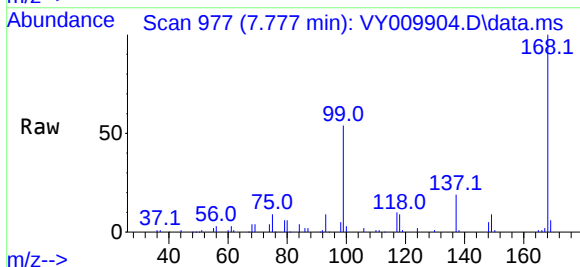
Tgt Ion: 56 Resp: 1217

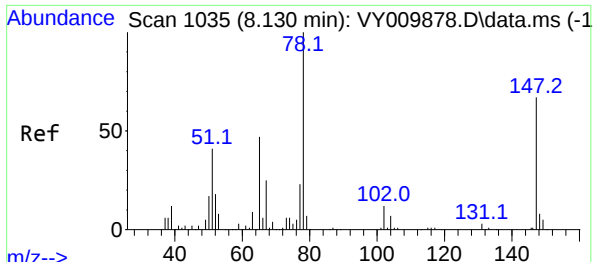
Ion Ratio Lower Upper

56 100

69 161.5 26.0 39.0#

84 151.9 69.5 104.3#



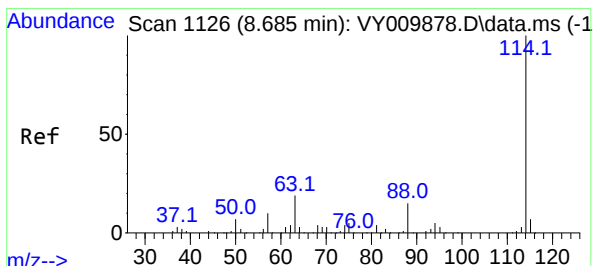
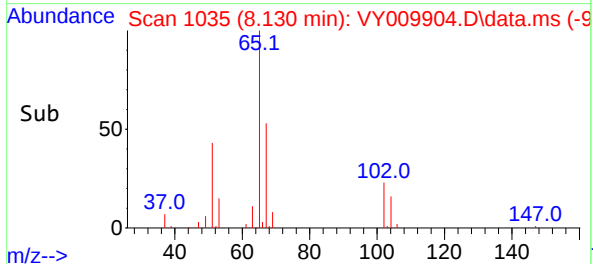
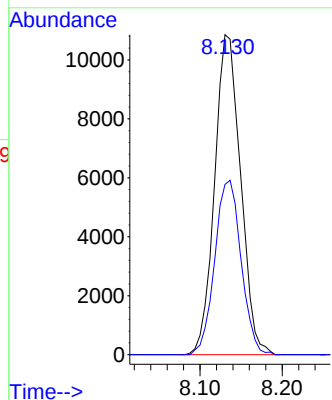
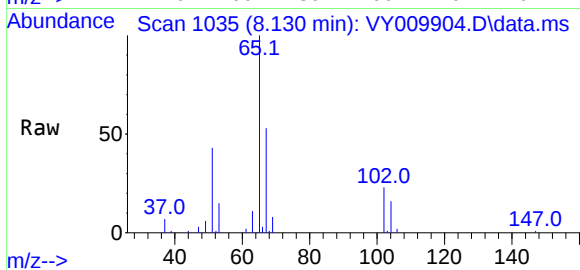


#33
 1,2-Dichloroethane-d4
 Concen: 64.059 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VY009904.D
 Acq: 09 Aug 2022 03:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-192

Tgt Ion: 65 Resp: 23839

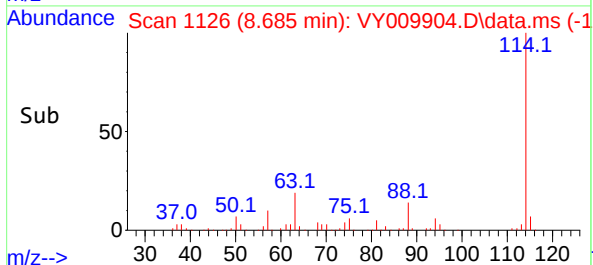
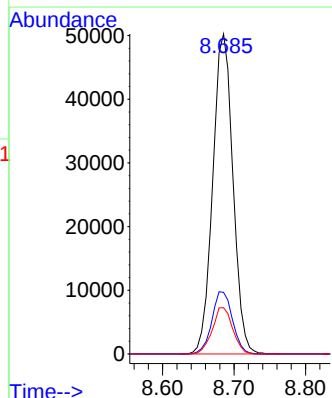
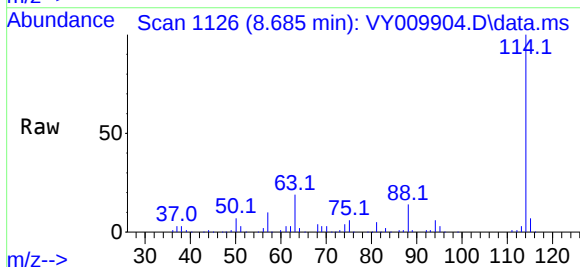
Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	108.4

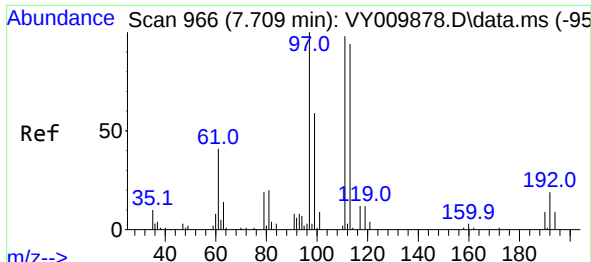


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009904.D
 Acq: 09 Aug 2022 03:32

Tgt Ion: 114 Resp: 98367

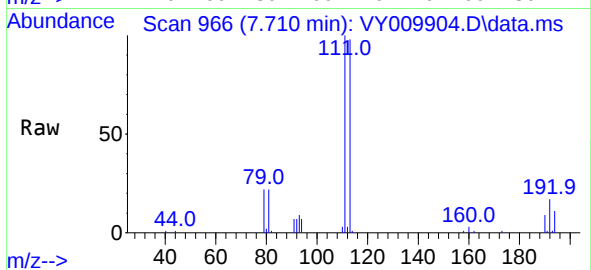
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.0
88	14.5	0.0	30.0



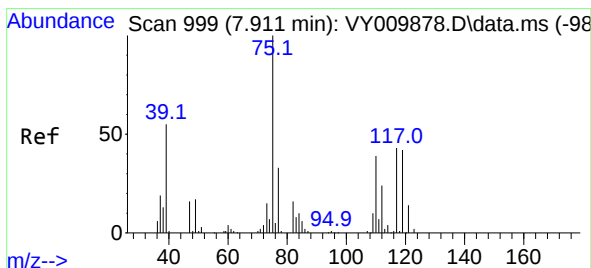
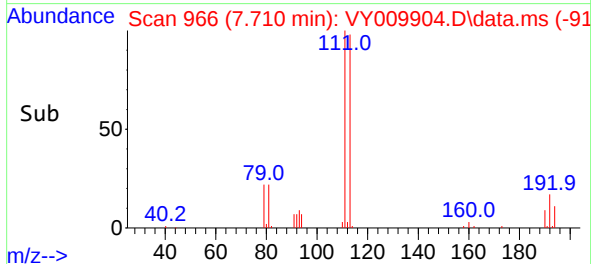
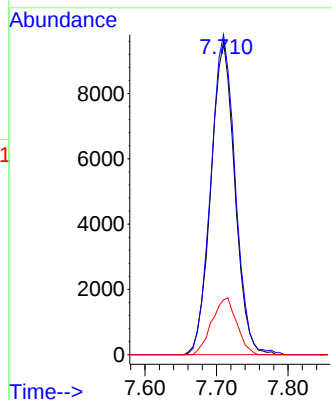


#35
Dibromofluoromethane
Concen: 41.754 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY009904.D
Acq: 09 Aug 2022 03:32

Instrument :
MSVOA_Y
ClientSampleId :
RVE-192

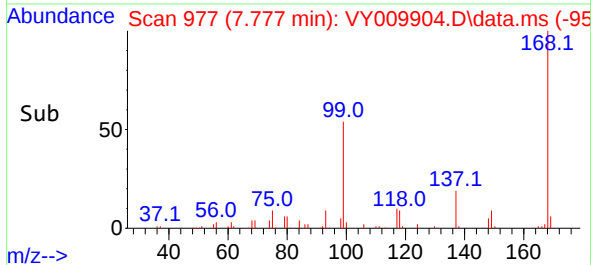
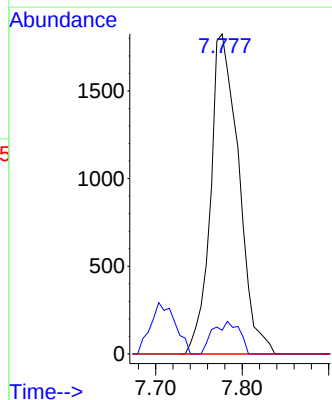
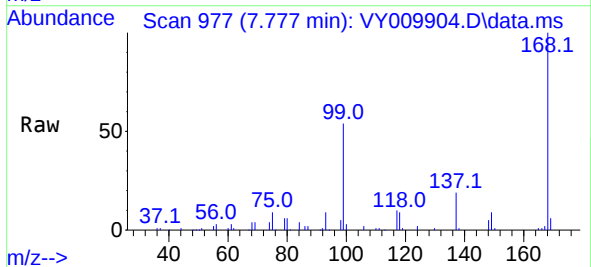


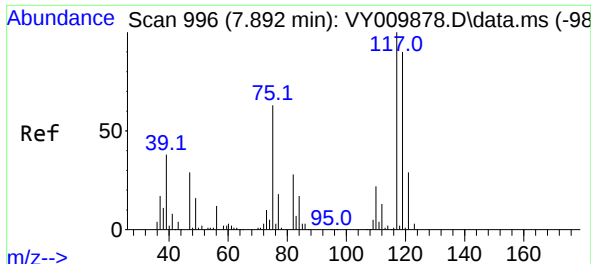
Tgt Ion:113 Resp: 22296
Ion Ratio Lower Upper
113 100
111 104.1 80.6 120.8
192 18.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.578 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009904.D
Acq: 09 Aug 2022 03:32

Tgt Ion: 75 Resp: 4125
Ion Ratio Lower Upper
75 100
110 9.6 18.6 56.0#
77 0.0 25.0 37.4#

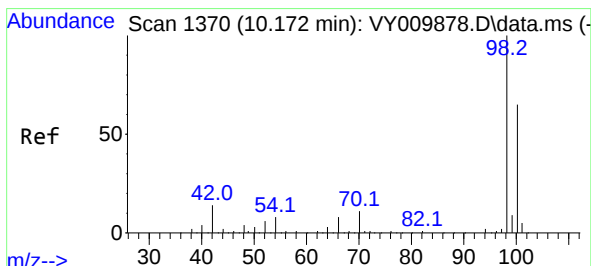
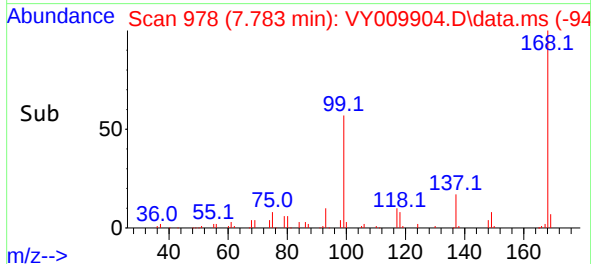
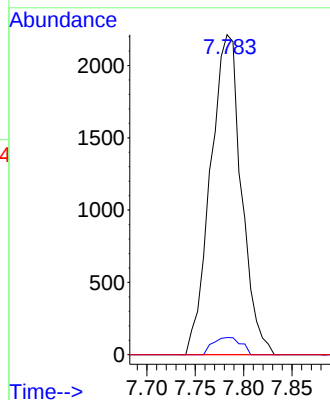
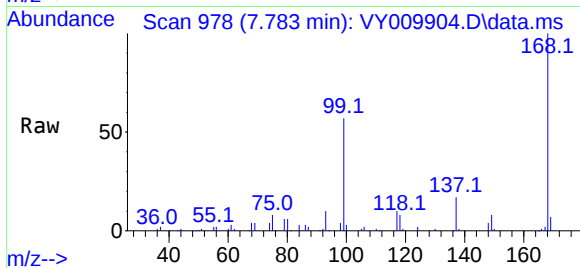




#38
Carbon Tetrachloride
Concen: 5.513 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009904.D
Acq: 09 Aug 2022 03:32

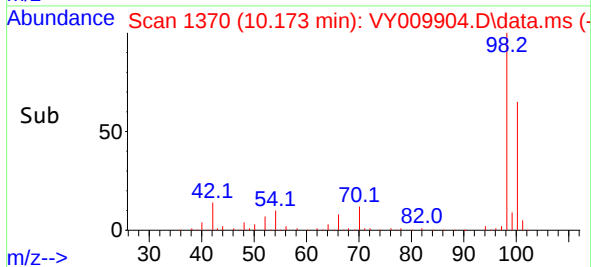
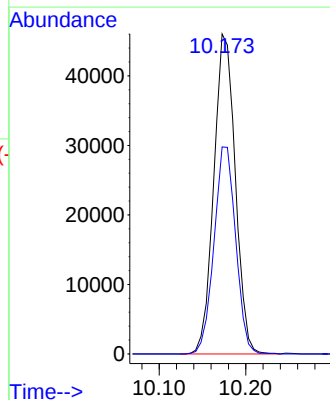
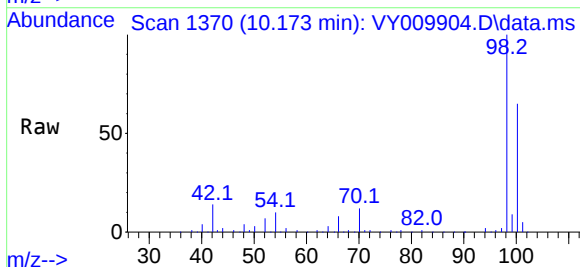
Instrument :
MSVOA_Y
ClientSampleId :
RVE-192

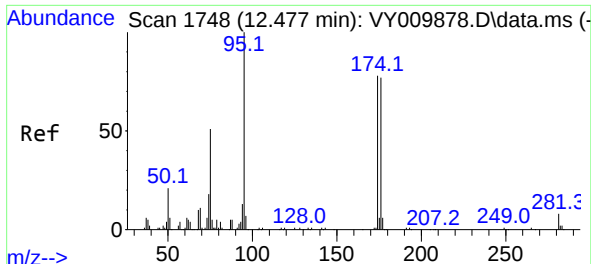
Tgt Ion:117 Resp: 4930
Ion Ratio Lower Upper
117 100
119 5.4 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 48.959 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.001 min
Lab File: VY009904.D
Acq: 09 Aug 2022 03:32

Tgt Ion: 98 Resp: 79418
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3

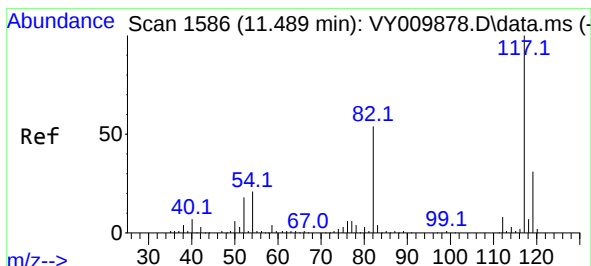
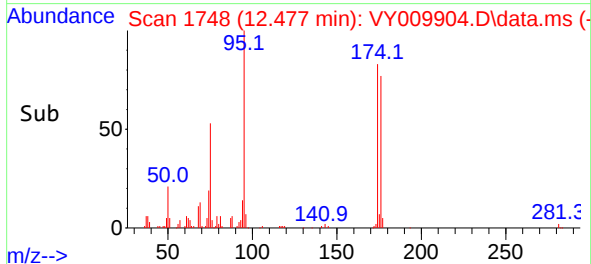
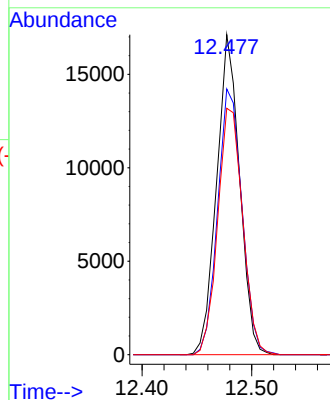
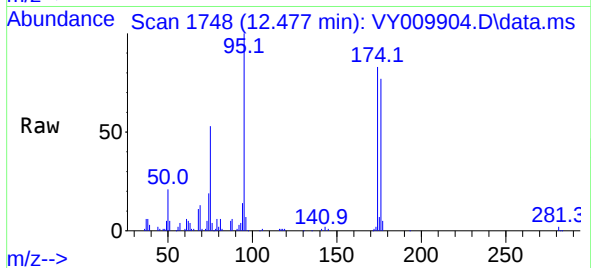




#62
4-Bromofluorobenzene
Concen: 33.447 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009904.D
Acq: 09 Aug 2022 03:32

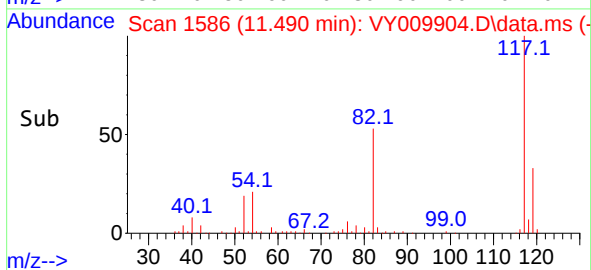
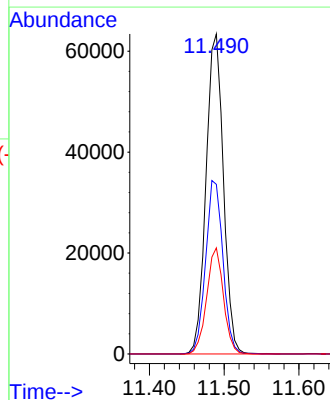
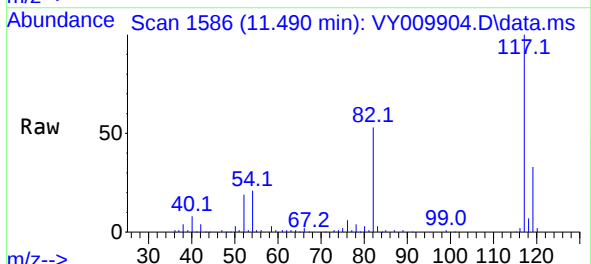
Instrument :
MSVOA_Y
ClientSampleId :
RVE-192

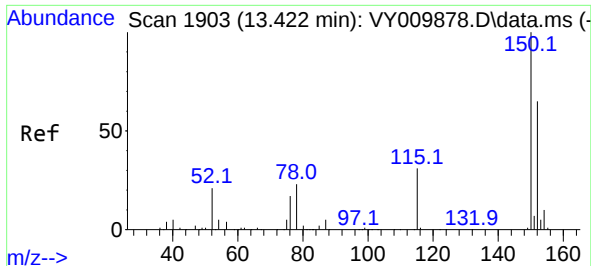
Tgt Ion: 95 Resp: 24938
Ion Ratio Lower Upper
95 100
174 87.8 0.0 173.8
176 83.5 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009904.D
Acq: 09 Aug 2022 03:32

Tgt Ion: 117 Resp: 102243
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.6
119 33.2 25.6 38.4

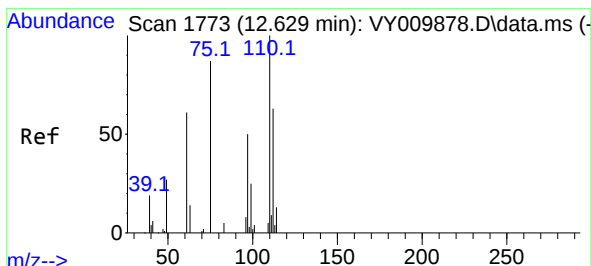
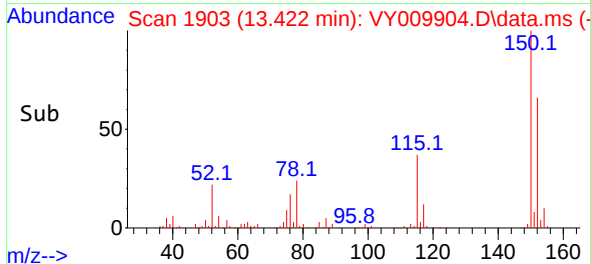
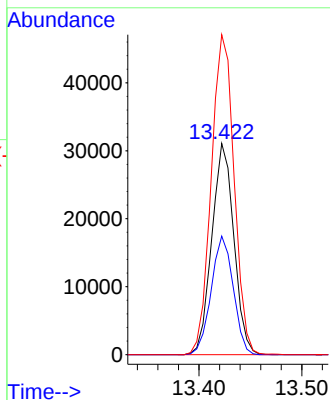
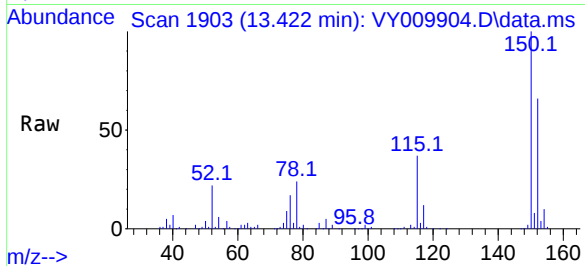




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009904.D
Acq: 09 Aug 2022 03:32

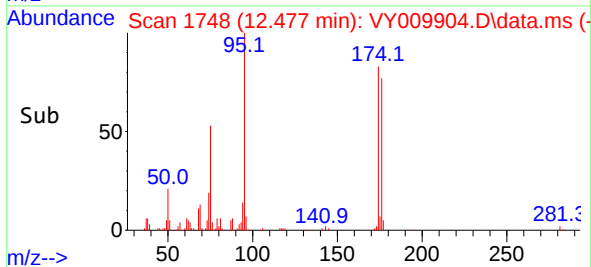
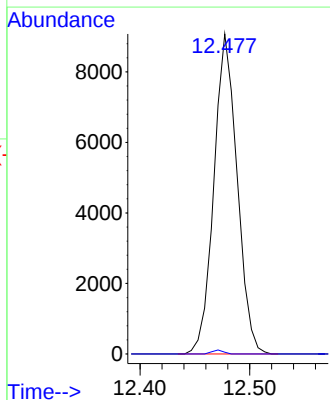
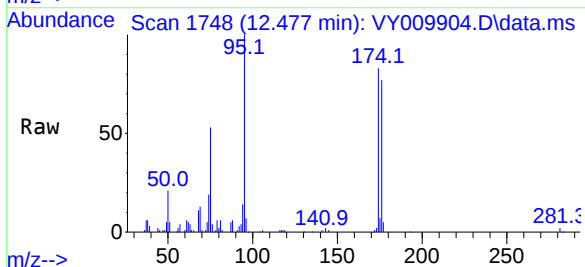
Instrument :
MSVOA_Y
ClientSampleId :
RVE-192

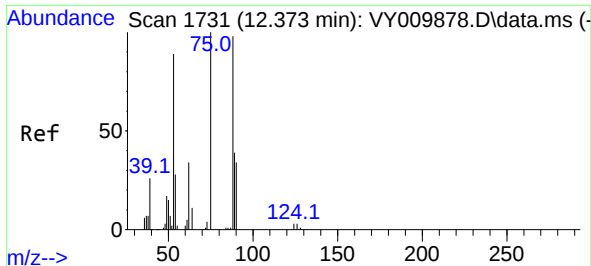
Tgt Ion:152 Resp: 46347
Ion Ratio Lower Upper
152 100
115 56.0 28.6 85.9
150 156.9 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 26.383 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009904.D
Acq: 09 Aug 2022 03:32

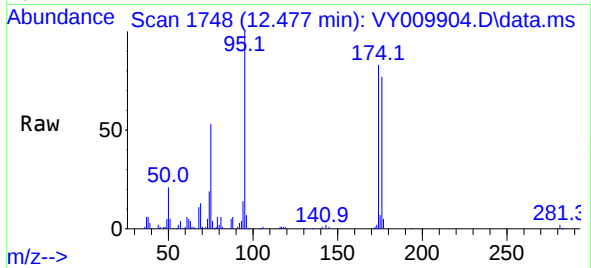
Tgt Ion: 75 Resp: 13378
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.339 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009904.D
 Acq: 09 Aug 2022 03:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-192



Tgt Ion:	75	Resp:	13378
Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.4	107.2#
89	0.2	38.1	57.1#

