

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009786.D
 Acq On : 29 Jul 2022 20:33
 Operator : KP/MD
 Sample : N3931-17
 Misc : 3.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-128

Quant Time: Aug 01 01:17:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	155647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	277028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	292727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137032	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60019	58.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.700%
35) Dibromofluoromethane	7.710	113	57548	38.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.400%
50) Toluene-d8	10.173	98	234496	53.759	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	107.520%
62) 4-Bromofluorobenzene	12.477	95	70139	35.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	70.220%

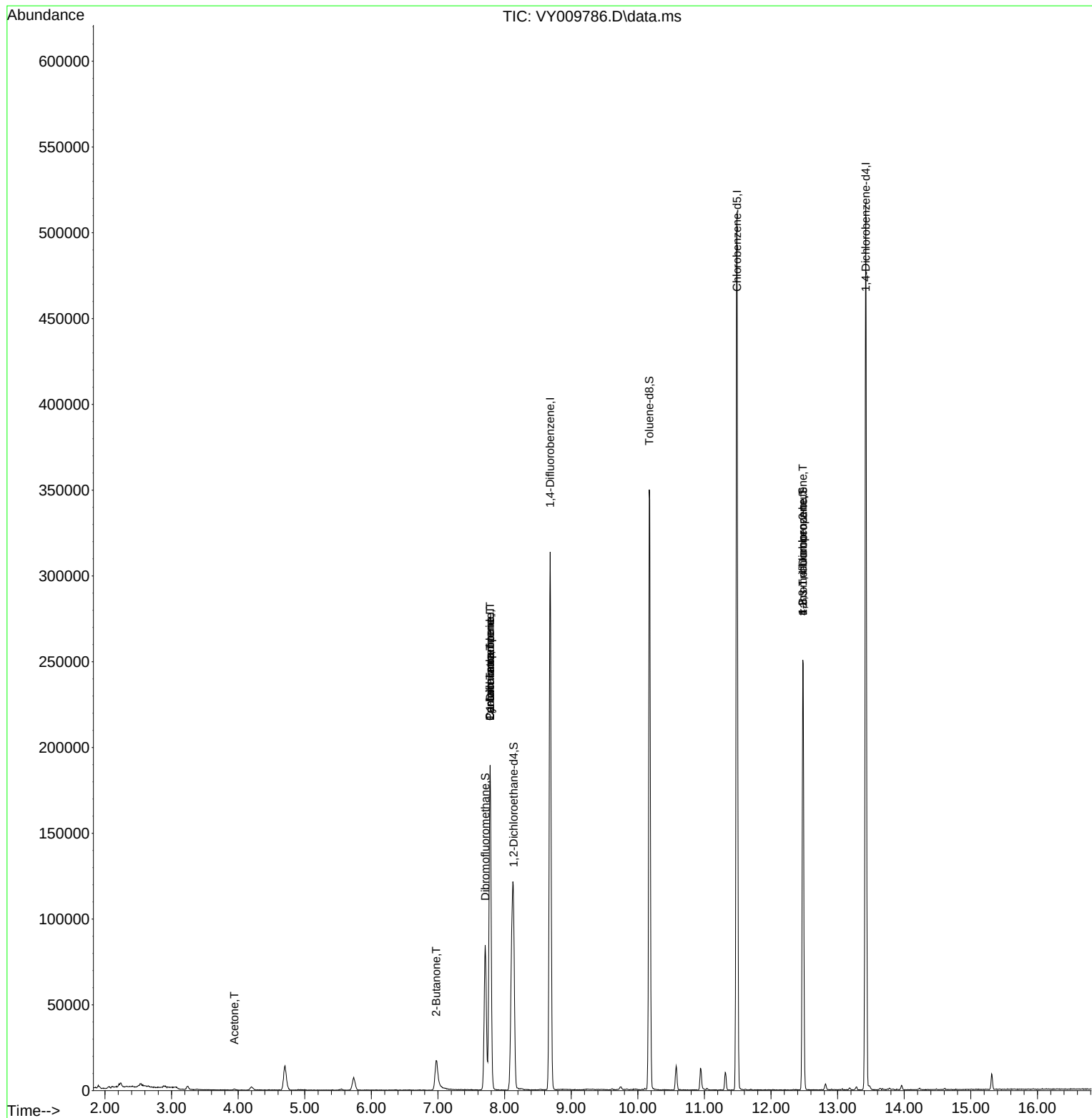
Target Compounds					Qvalue
11) Tert butyl alcohol	4.942	59	82	Below Cal	# 77
16) Acetone	3.942	43	919	2.469	ug/l 91
18) Methyl Acetate	4.454	43	187	Below Cal	# 56
20) Methylene Chloride	4.704	84	10619	Below Cal	# 76
25) 2-Butanone	6.972	43	1108	2.018	ug/l # 54
31) Cyclohexane	7.783	56	2767	1.117	ug/l # 1
36) 1,1-Dichloropropene	7.783	75	11127	4.539	ug/l # 51
38) Carbon Tetrachloride	7.783	117	14044	5.346	ug/l # 16
76) 1,2,3-Trichloropropane	12.477	75	35980	28.268	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.477	75	35980	56.346	ug/l # 7

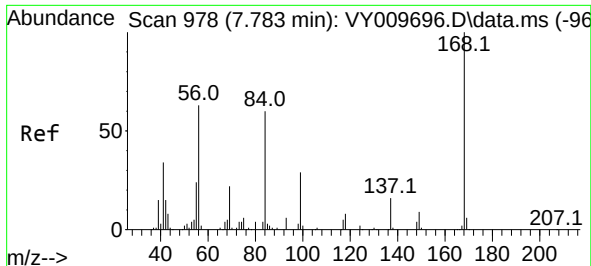
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
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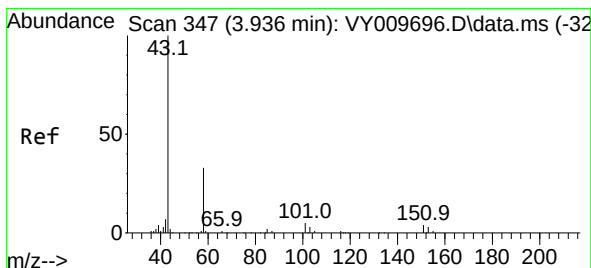
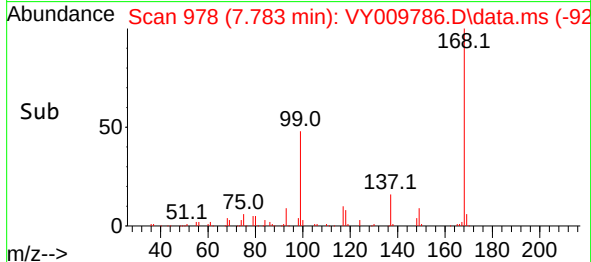
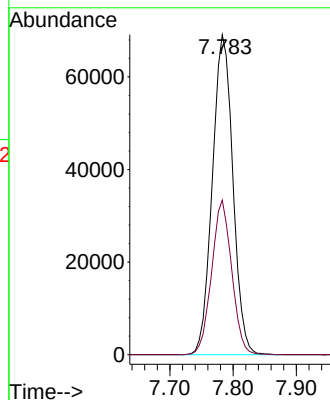
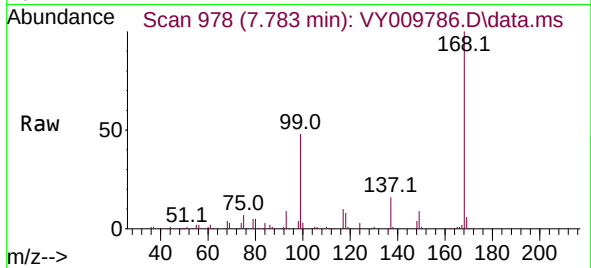




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009786.D
Acq: 29 Jul 2022 20:33

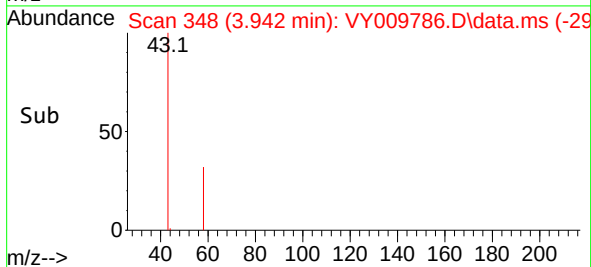
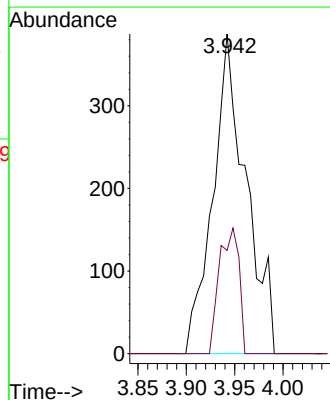
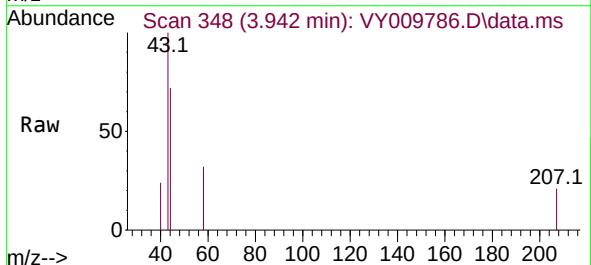
Instrument :
MSVOA_Y
ClientSampleId :
RVE-128

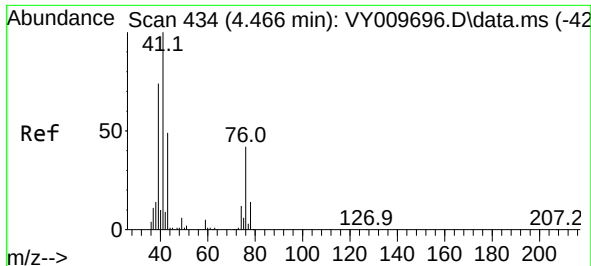
Tgt Ion:168 Resp: 155647
Ion Ratio Lower Upper
168 100
99 48.3 46.9 70.3



#16
Acetone
Concen: 2.469 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009786.D
Acq: 29 Jul 2022 20:33

Tgt Ion: 43 Resp: 919
Ion Ratio Lower Upper
43 100
58 32.3 22.0 33.0

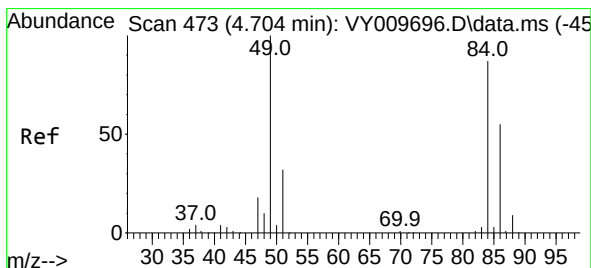
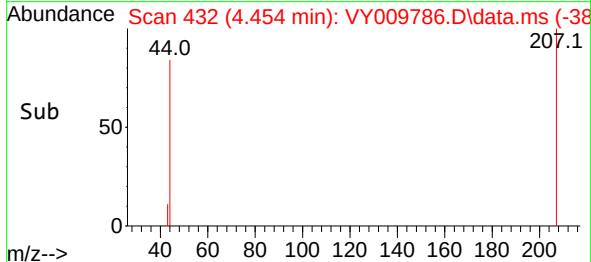
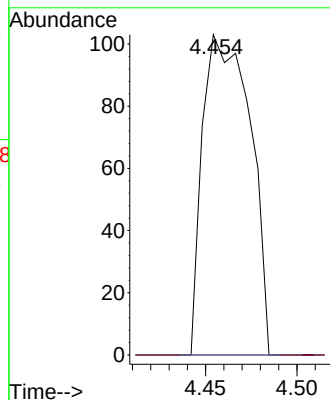
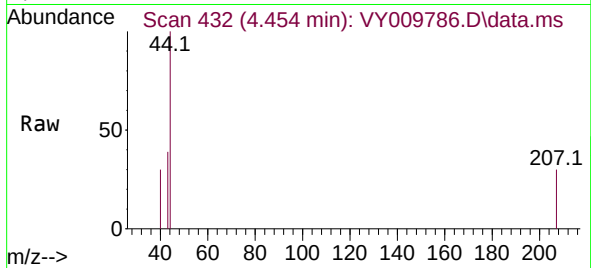




#18
Methyl Acetate
Concen: Below Cal
RT: 4.454 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY009786.D
Acq: 29 Jul 2022 20:33

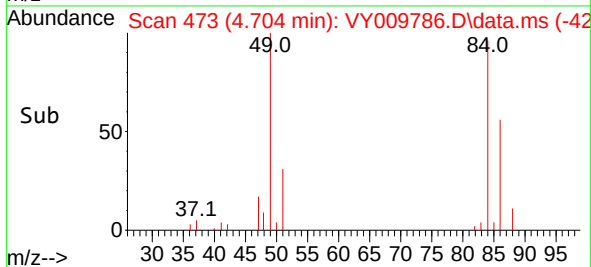
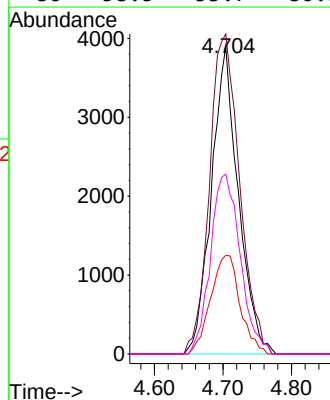
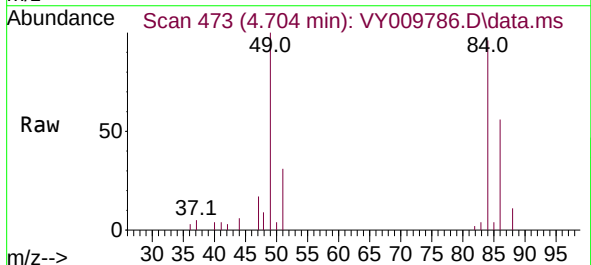
Instrument :
MSVOA_Y
ClientSampleId :
RVE-128

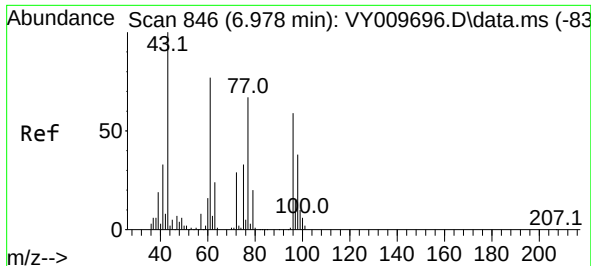
Tgt Ion: 43 Resp: 187
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009786.D
Acq: 29 Jul 2022 20:33

Tgt Ion: 84 Resp: 10619
Ion Ratio Lower Upper
84 100
49 104.0 114.4 171.6#
51 32.1 35.3 52.9#
86 58.5 53.7 80.5

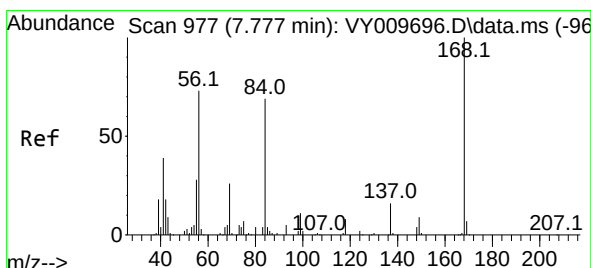
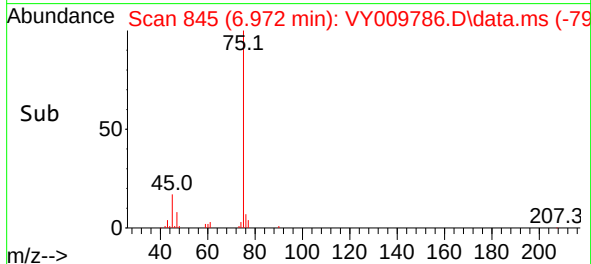
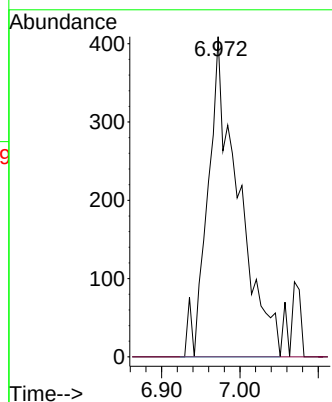
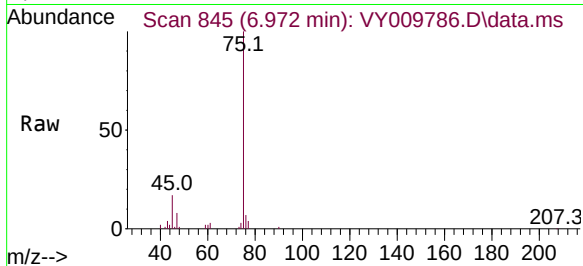




#25
2-Butanone
Concen: 2.018 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009786.D
Acq: 29 Jul 2022 20:33

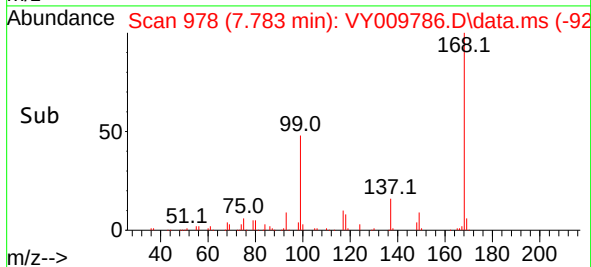
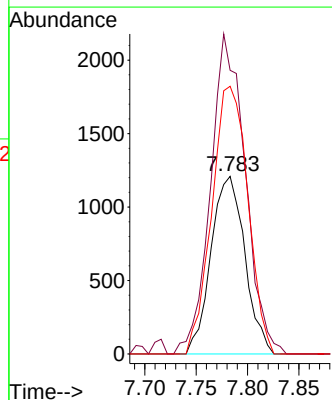
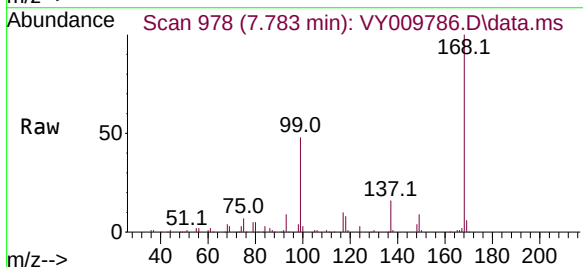
Instrument :
MSVOA_Y
ClientSampleId :
RVE-128

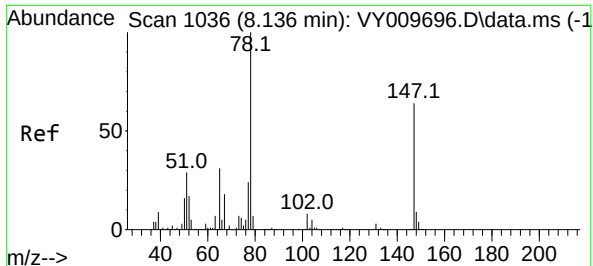
Tgt Ion: 43 Resp: 1108
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY009786.D
Acq: 29 Jul 2022 20:33

Tgt Ion: 56 Resp: 2767
Ion Ratio Lower Upper
56 100
69 155.4 26.7 40.1#
84 150.7 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 58.848 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009786.D

Acq: 29 Jul 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

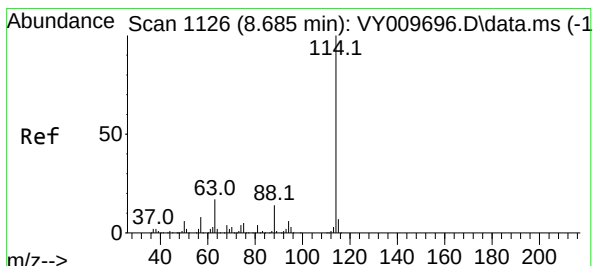
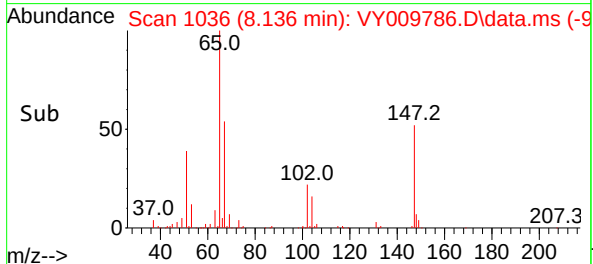
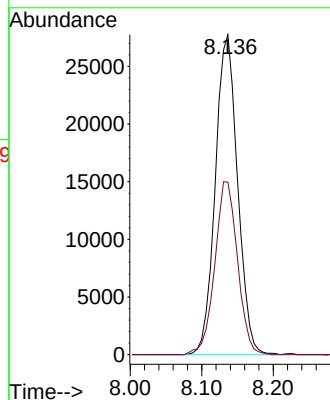
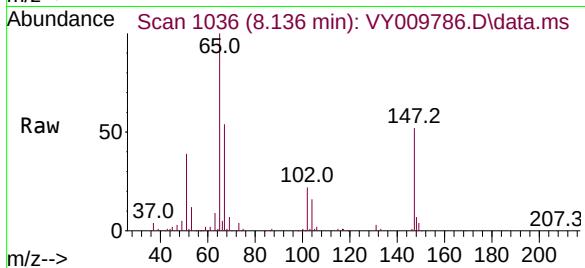
RVE-128

Tgt Ion: 65 Resp: 60019

Ion Ratio Lower Upper

65 100

67 55.2 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: VY009786.D

Acq: 29 Jul 2022 20:33

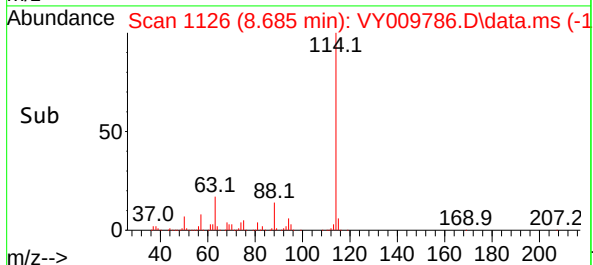
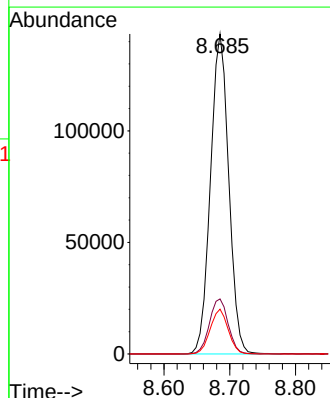
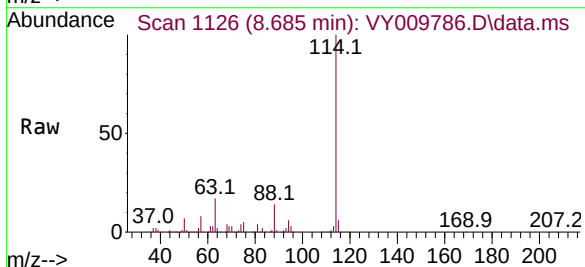
Tgt Ion:114 Resp: 277028

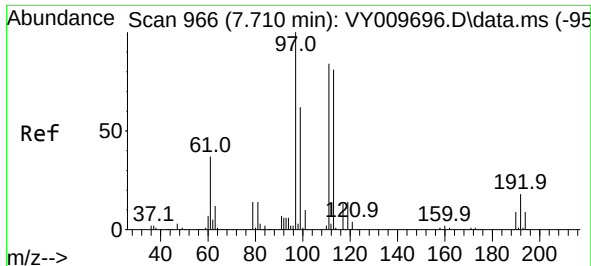
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.0 0.0 31.8

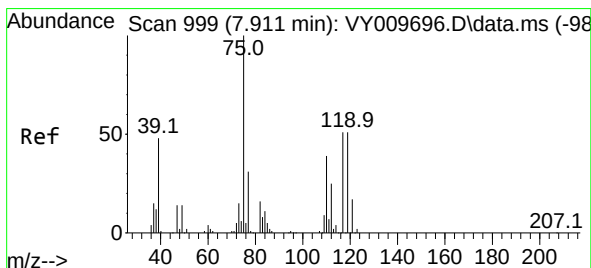
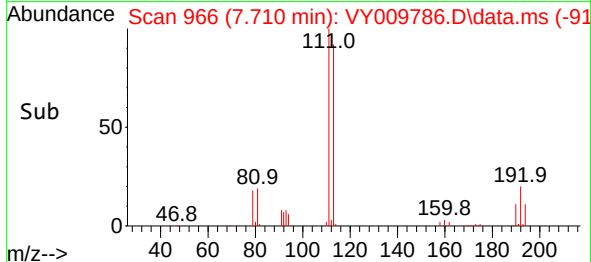
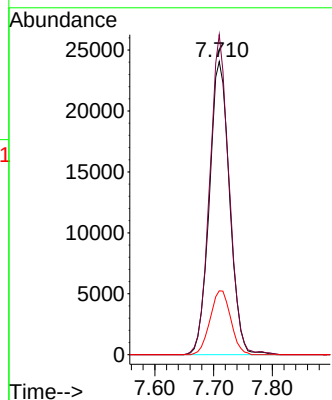
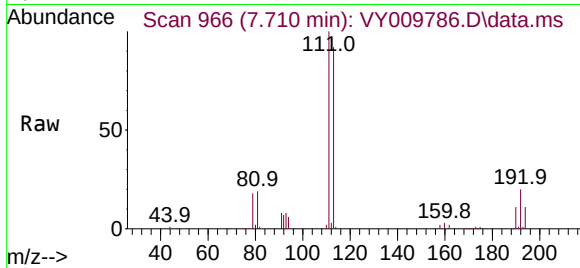




#35
Dibromofluoromethane
Concen: 38.195 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009786.D
Acq: 29 Jul 2022 20:33

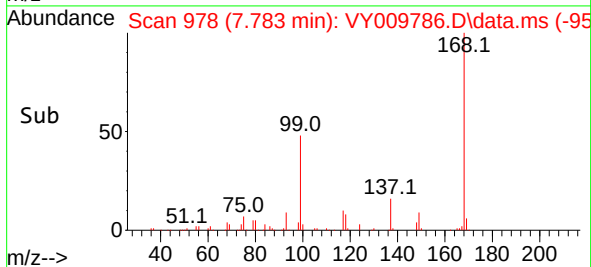
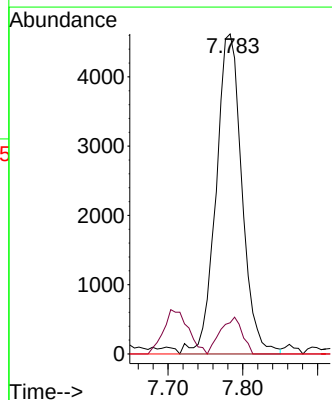
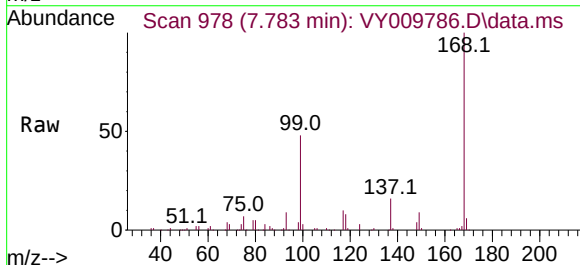
Instrument :
MSVOA_Y
ClientSampleId :
RVE-128

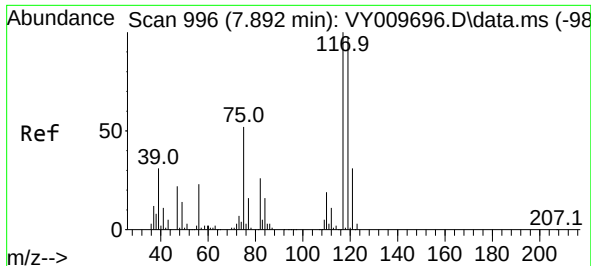
Tgt Ion:113 Resp: 57548
Ion Ratio Lower Upper
113 100
111 104.6 82.6 124.0
192 22.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.539 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009786.D
Acq: 29 Jul 2022 20:33

Tgt Ion: 75 Resp: 11127
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#

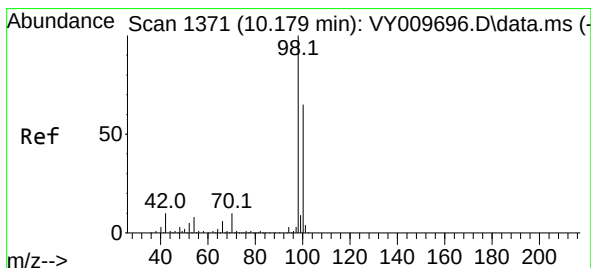
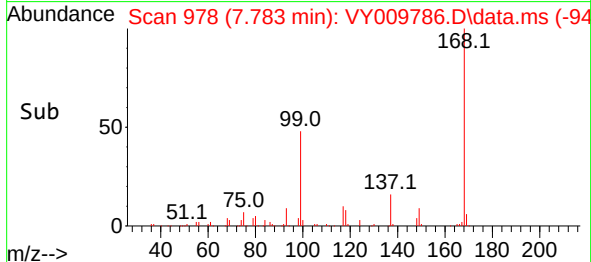
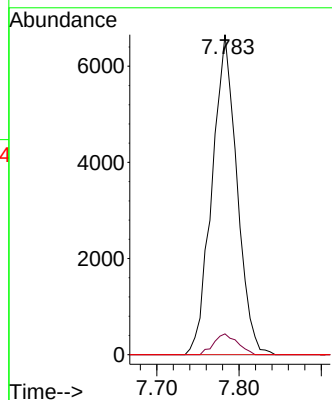
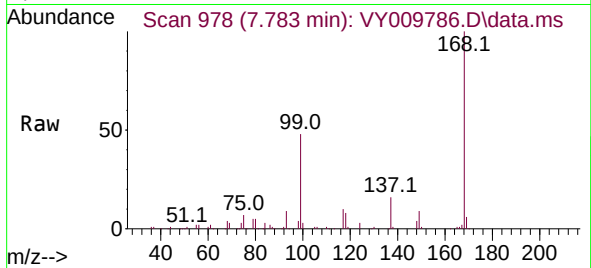




#38
Carbon Tetrachloride
Concen: 5.346 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009786.D
Acq: 29 Jul 2022 20:33

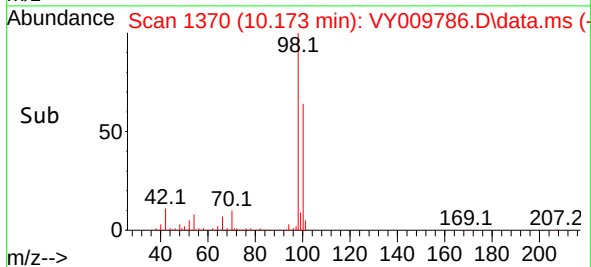
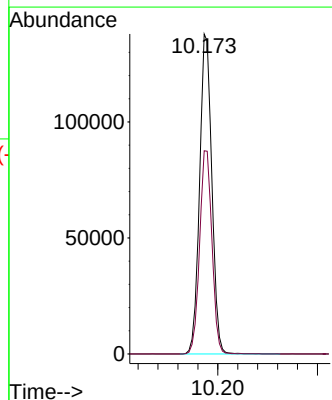
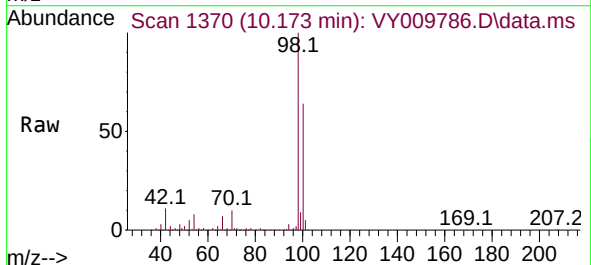
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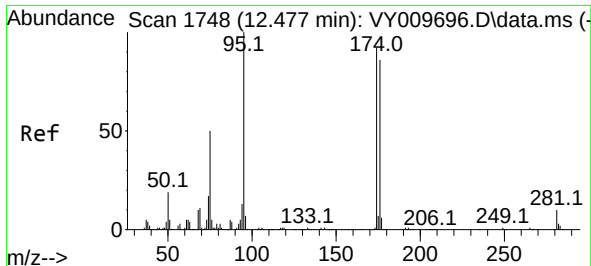
Tgt Ion:117 Resp: 14044
Ion Ratio Lower Upper
117 100
119 6.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.759 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009786.D
Acq: 29 Jul 2022 20:33

Tgt Ion: 98 Resp: 234496
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

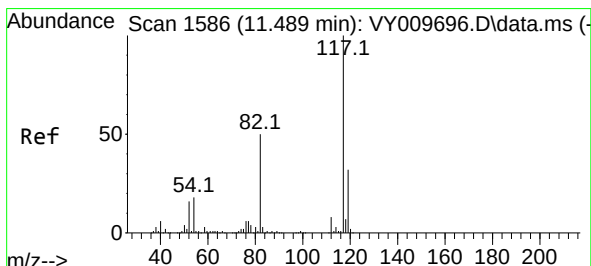
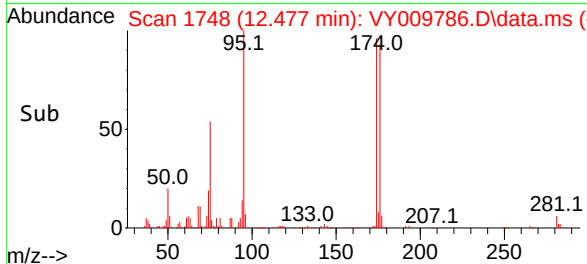
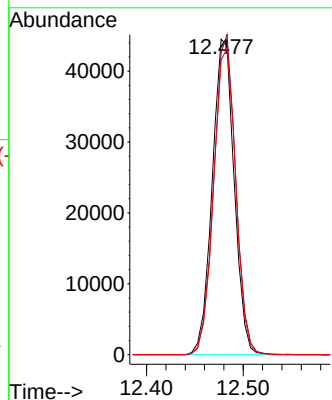
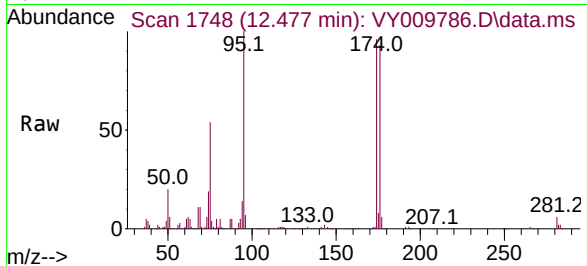




#62
4-Bromofluorobenzene
Concen: 35.108 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009786.D
Acq: 29 Jul 2022 20:33

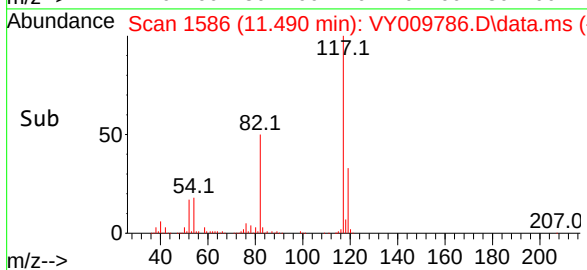
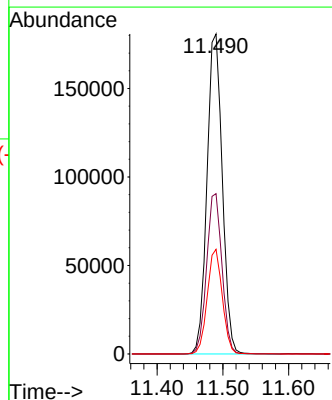
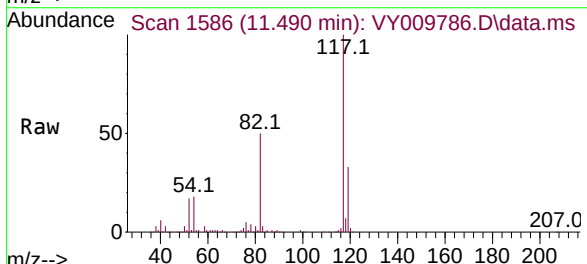
Instrument :
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RVE-128

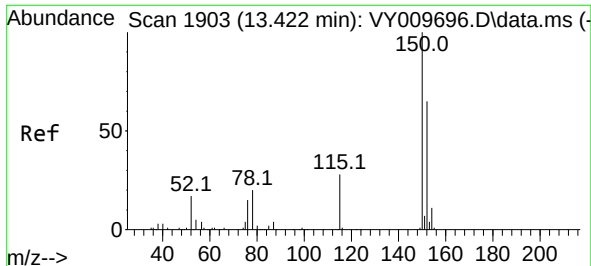
Tgt Ion: 95 Resp: 70139
Ion Ratio Lower Upper
95 100
174 100.6 0.0 177.0
176 97.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009786.D
Acq: 29 Jul 2022 20:33

Tgt Ion: 117 Resp: 292727
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 32.7 25.4 38.0

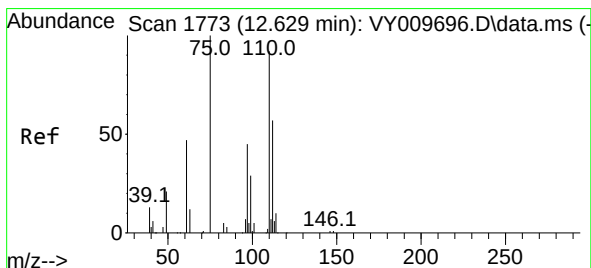
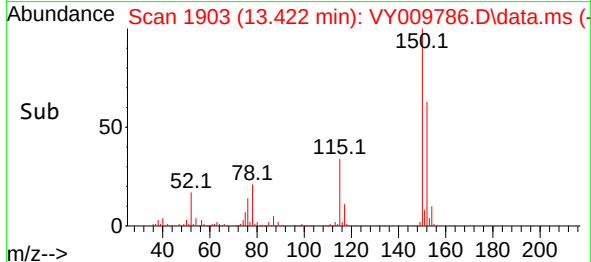
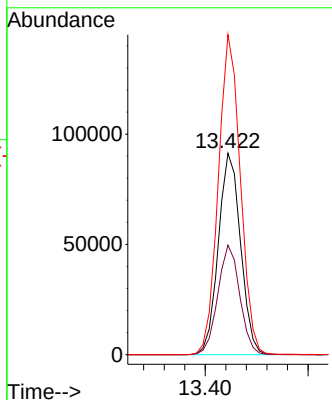
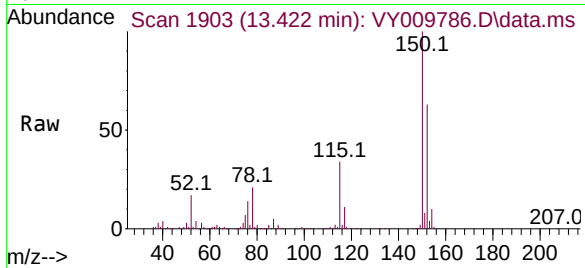




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009786.D
 Acq: 29 Jul 2022 20:33

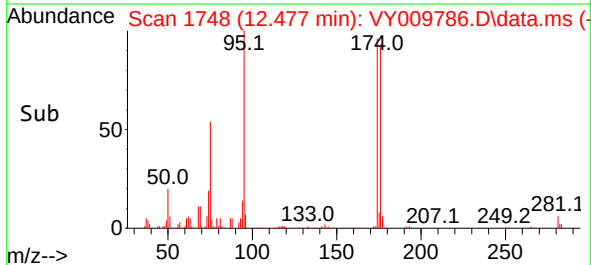
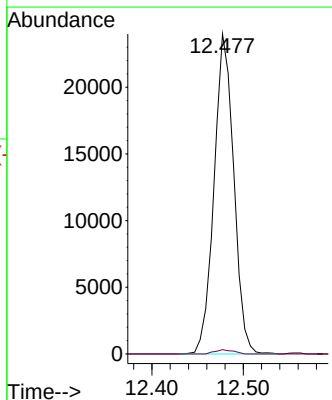
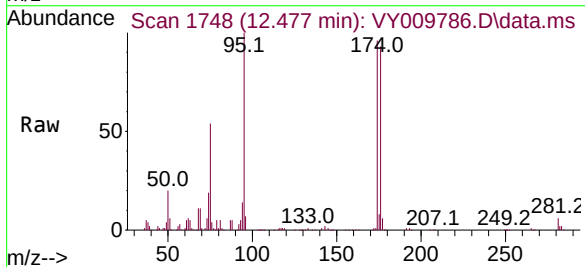
Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-128

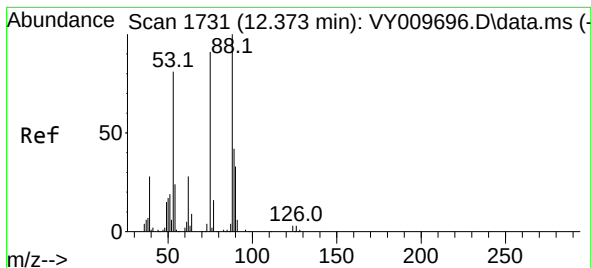
Tgt Ion:152 Resp: 137032
 Ion Ratio Lower Upper
 152 100
 115 53.7 28.2 84.7
 150 157.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 28.268 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009786.D
 Acq: 29 Jul 2022 20:33

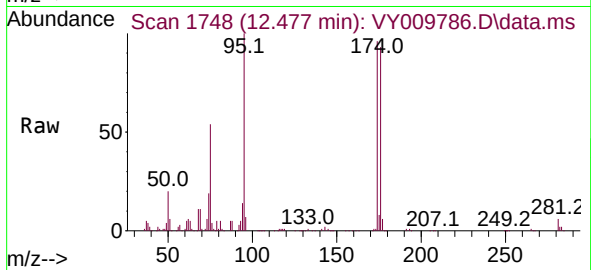
Tgt Ion: 75 Resp: 35980
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.346 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009786.D
 Acq: 29 Jul 2022 20:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-128



Tgt Ion: 75 Resp: 35980
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

