

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009802.D
 Acq On : 01 Aug 2022 17:25
 Operator : KP/MD
 Sample : N3976-03
 Misc : 4.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-0729

Quant Time: Aug 02 01:41:16 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)

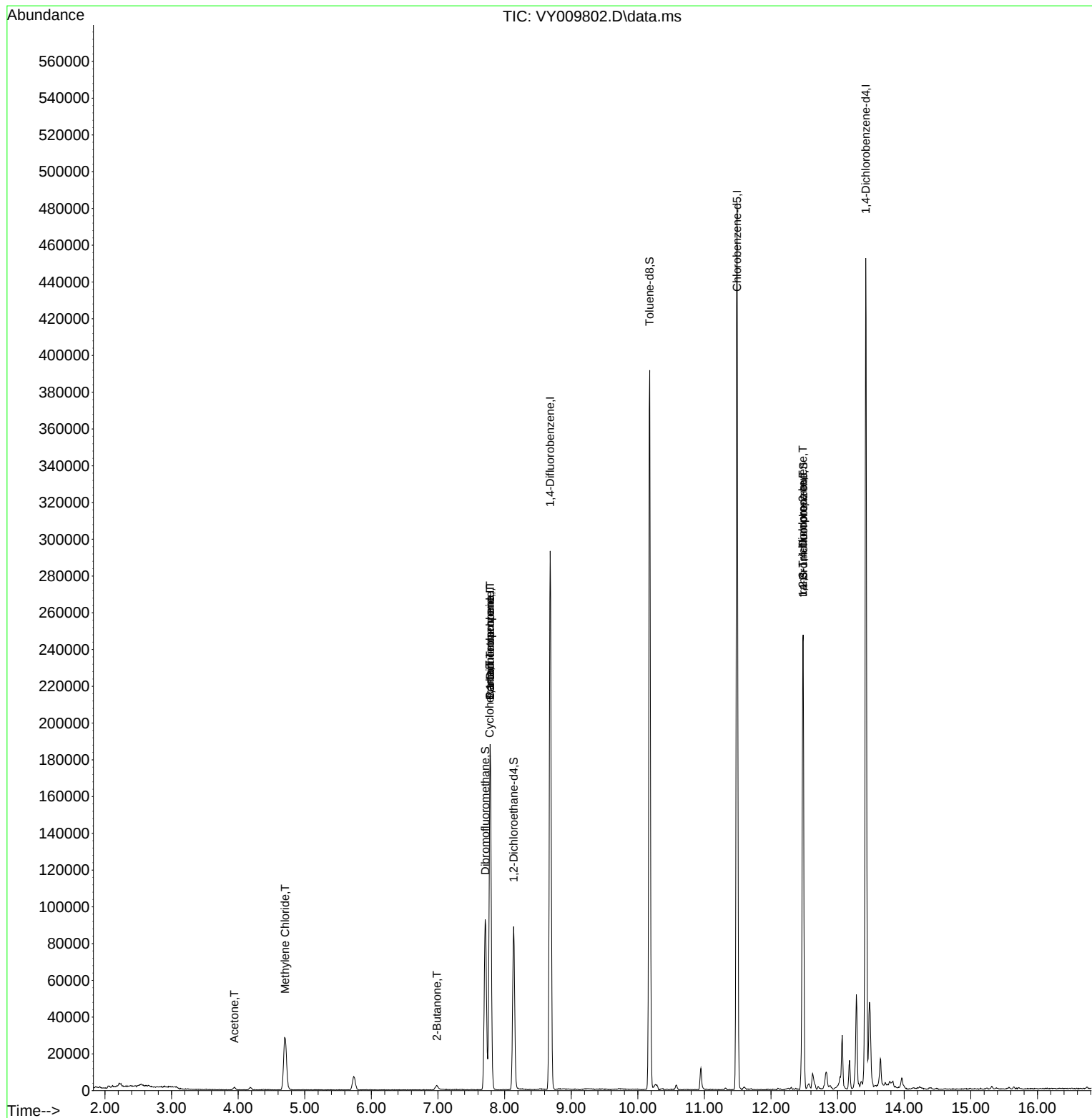
Internal Standards						
1) Pentafluorobenzene	7.783	168	153535	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	261156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	268765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	120301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66209	66.490	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.980%	
35) Dibromofluoromethane	7.710	113	66327	46.697	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.400%	
50) Toluene-d8	10.179	98	256053	63.003	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 126.000%#	
62) 4-Bromofluorobenzene	12.483	95	69594	36.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 73.900%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	2250	6.129	ug/l	95
18) Methyl Acetate	4.472	43	94	Below Cal	#	56
20) Methylene Chloride	4.704	84	22752	4.003	ug/l	# 83
25) 2-Butanone	6.984	43	583	1.077	ug/l	# 54
31) Cyclohexane	7.777	56	2684	1.099	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	10285	4.450	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	13381	5.403	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	35751	31.994	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	35751	63.774	ug/l	# 8

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
Data File : VY009802.D
Acq On : 01 Aug 2022 17:25
Operator : KP/MD
Sample : N3976-03
Misc : 4.27g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP2-0729

Quant Time: Aug 02 01:41:16 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

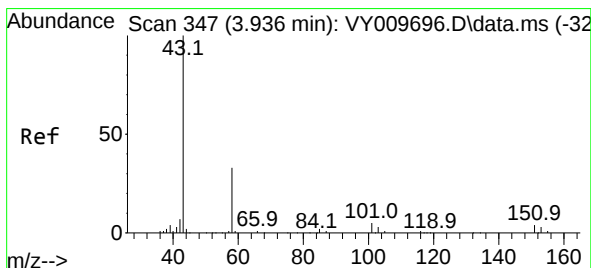
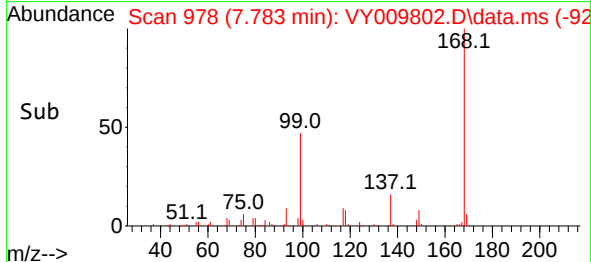
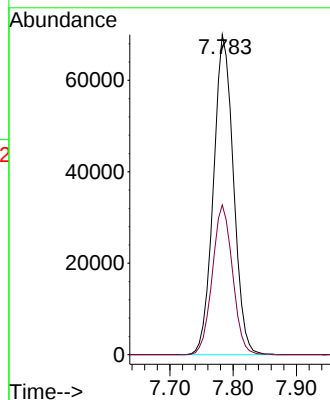
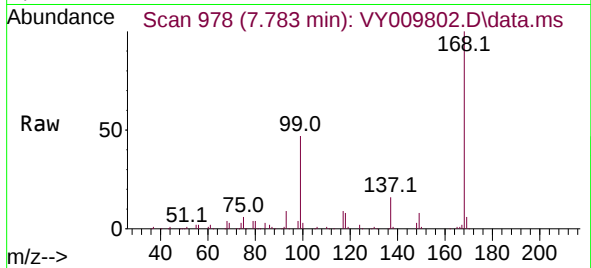




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009802.D
Acq: 01 Aug 2022 17:25

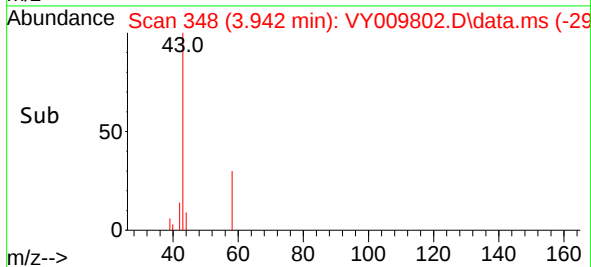
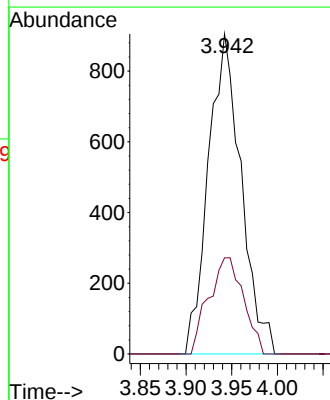
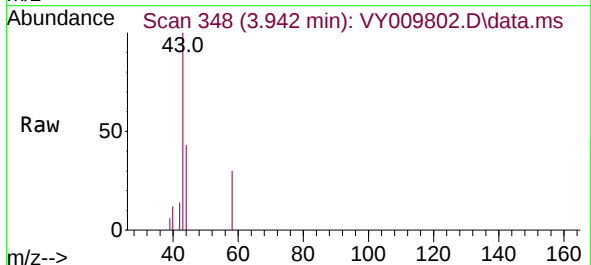
Instrument :
MSVOA_Y
ClientSampleId :
TP2-0729

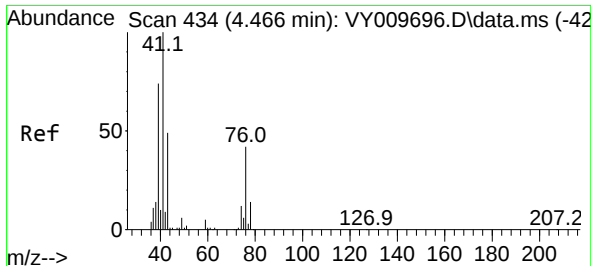
Tgt Ion:168 Resp: 153535
Ion Ratio Lower Upper
168 100
99 46.8 46.9 70.3#



#16
Acetone
Concen: 6.129 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009802.D
Acq: 01 Aug 2022 17:25

Tgt Ion: 43 Resp: 2250
Ion Ratio Lower Upper
43 100
58 30.1 22.0 33.0

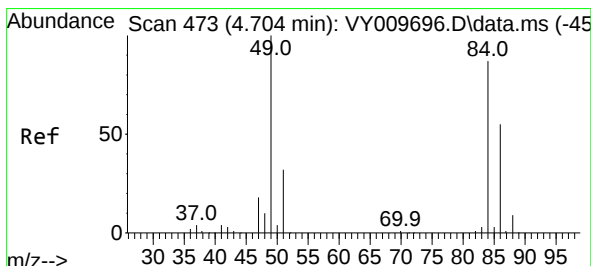
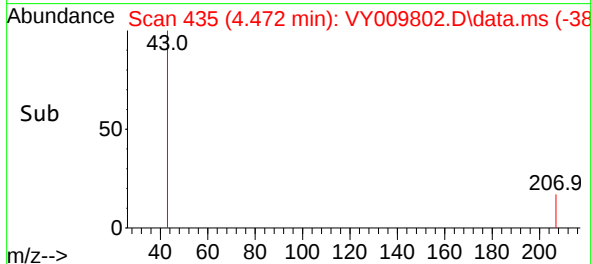
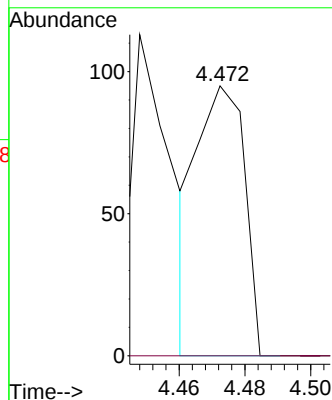
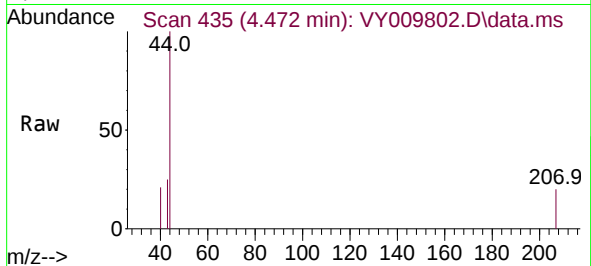




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009802.D
Acq: 01 Aug 2022 17:25

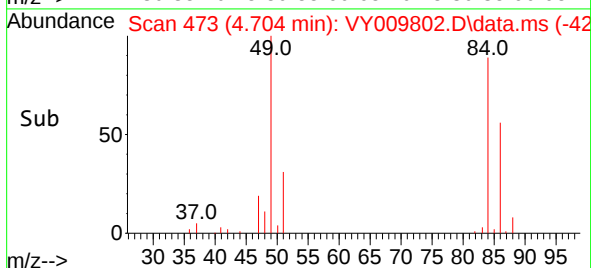
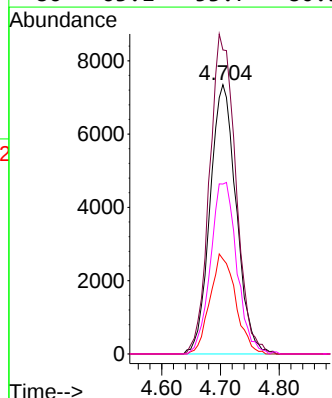
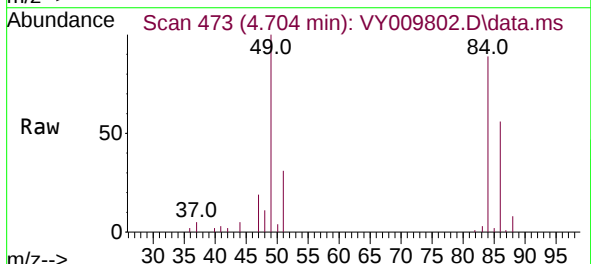
Instrument :
MSVOA_Y
ClientSampleId :
TP2-0729

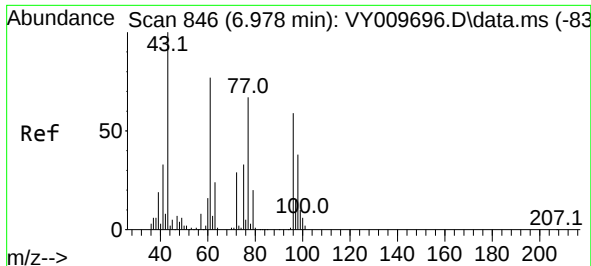
Tgt Ion: 43 Resp: 94
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 4.003 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009802.D
Acq: 01 Aug 2022 17:25

Tgt Ion: 84 Resp: 22752
Ion Ratio Lower Upper
84 100
49 112.9 114.4 171.6#
51 35.2 35.3 52.9#
86 63.1 53.7 80.5

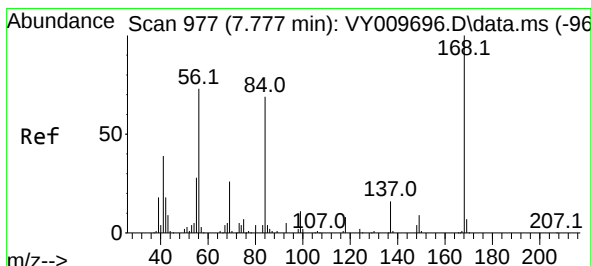
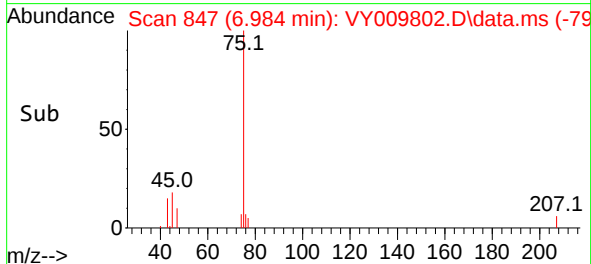
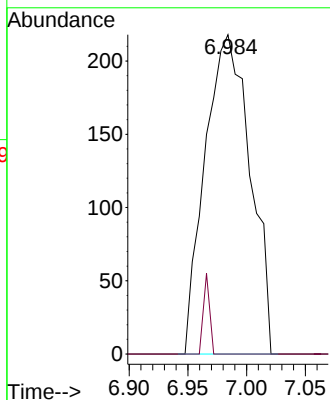
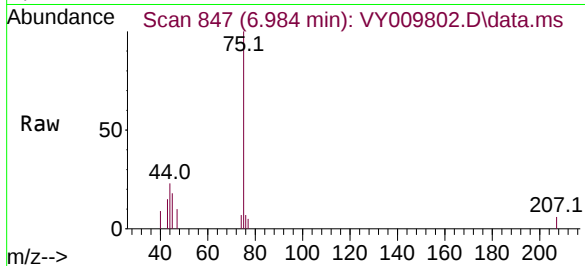




#25
2-Butanone
Concen: 1.077 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009802.D
Acq: 01 Aug 2022 17:25

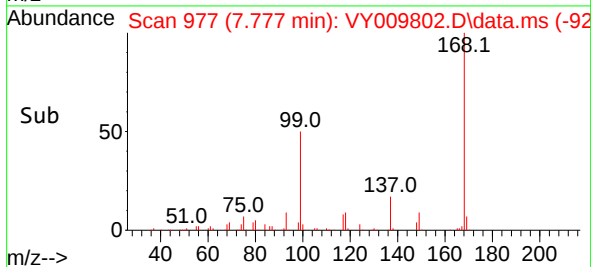
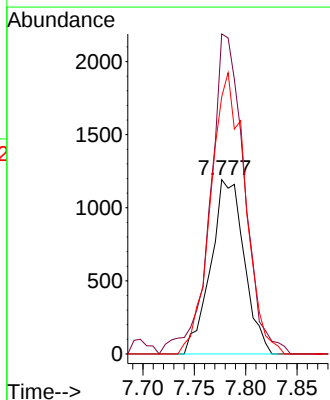
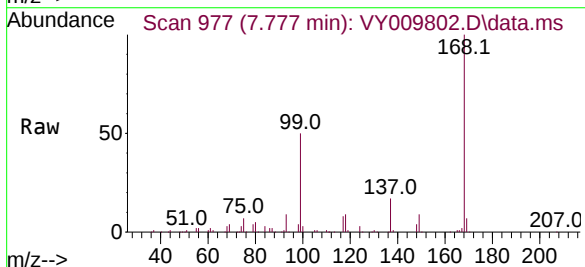
Instrument :
MSVOA_Y
ClientSampleId :
TP2-0729

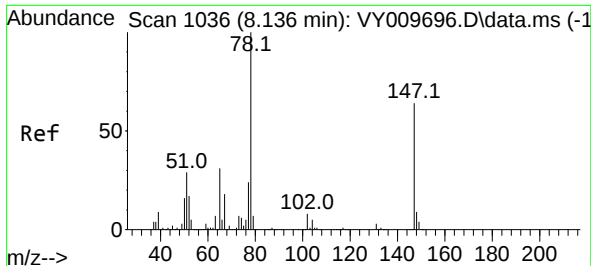
Tgt Ion: 43 Resp: 583
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.099 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY009802.D
Acq: 01 Aug 2022 17:25

Tgt Ion: 56 Resp: 2684
Ion Ratio Lower Upper
56 100
69 177.2 26.7 40.1#
84 147.6 67.2 100.8#

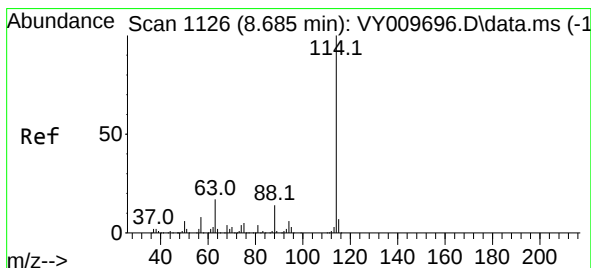
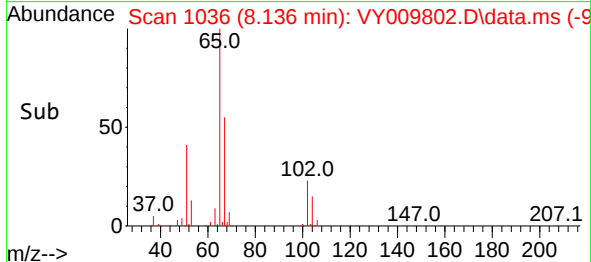
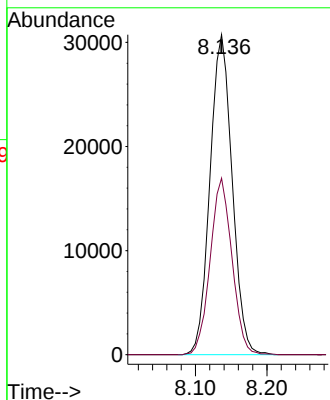
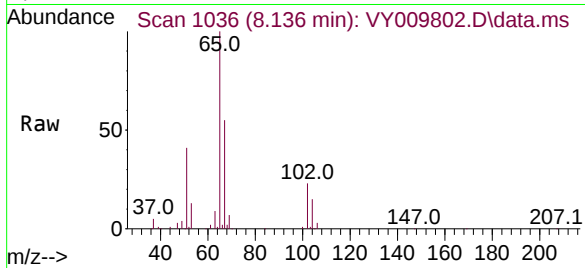




#33
 1,2-Dichloroethane-d4
 Concen: 66.490 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009802.D
 Acq: 01 Aug 2022 17:25

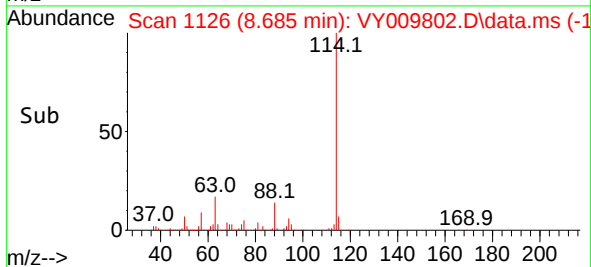
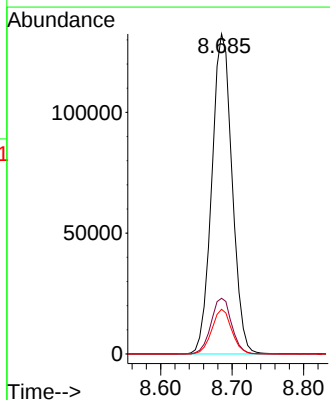
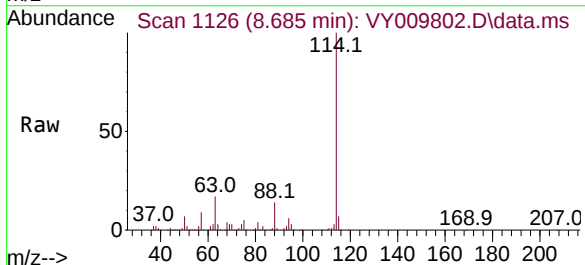
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-0729

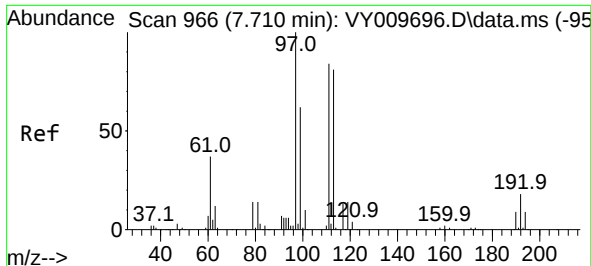
Tgt Ion: 65 Resp: 66209
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009802.D
 Acq: 01 Aug 2022 17:25

Tgt Ion: 114 Resp: 261156
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 43.2
 88 13.9 0.0 31.8

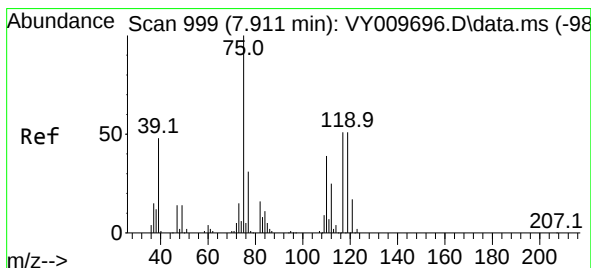
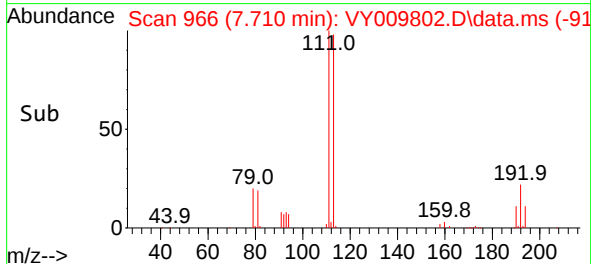
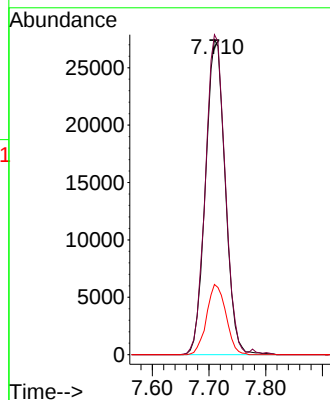
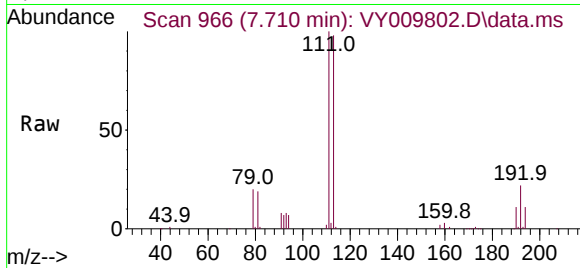




#35
Dibromofluoromethane
Concen: 46.697 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009802.D
Acq: 01 Aug 2022 17:25

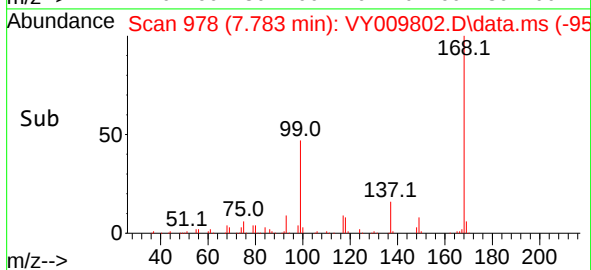
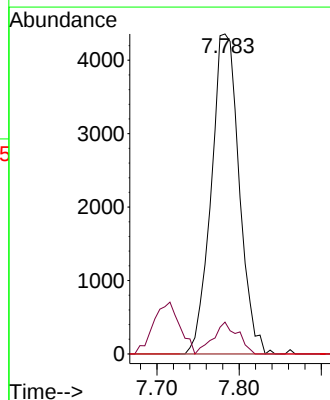
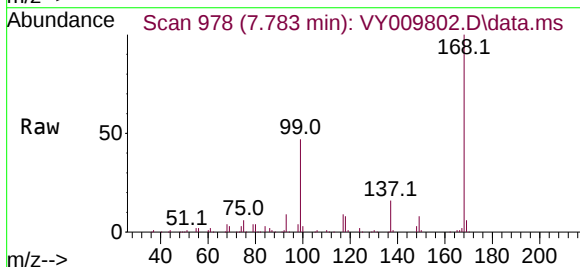
Instrument :
MSVOA_Y
ClientSampleId :
TP2-0729

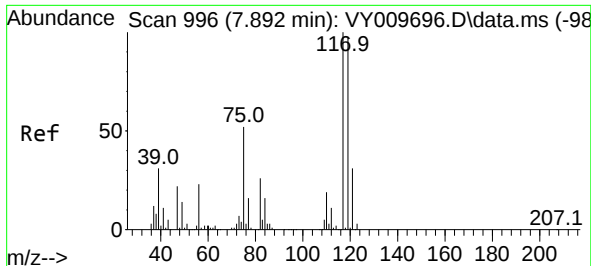
Tgt Ion:113 Resp: 66327
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 21.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.450 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009802.D
Acq: 01 Aug 2022 17:25

Tgt Ion: 75 Resp: 10285
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#

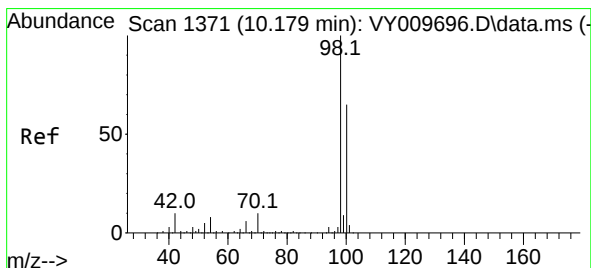
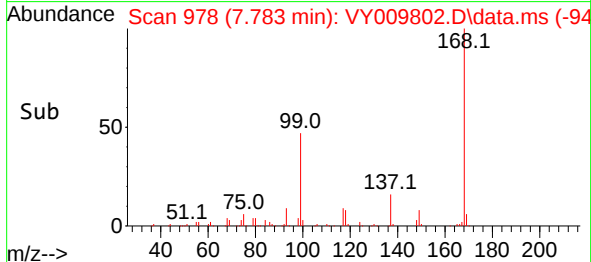
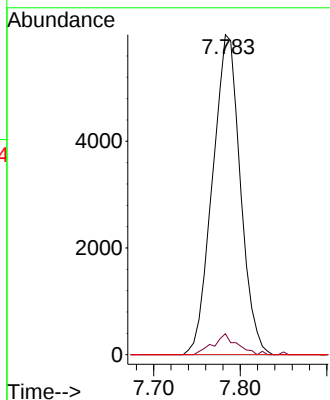
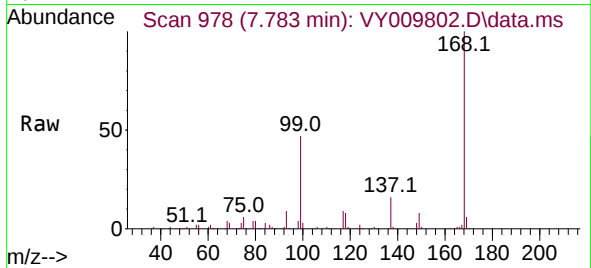




#38
Carbon Tetrachloride
Concen: 5.403 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009802.D
Acq: 01 Aug 2022 17:25

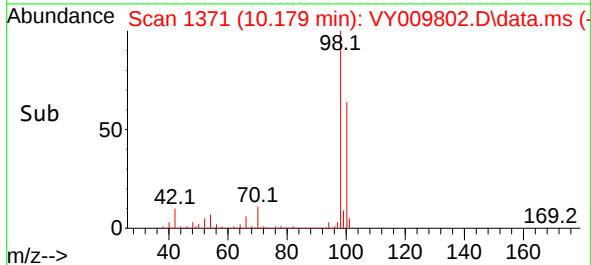
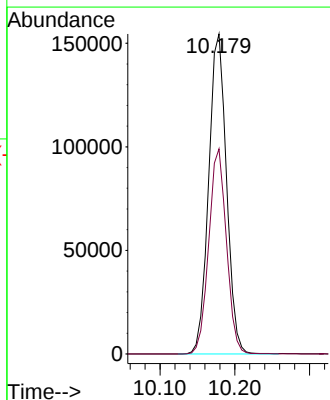
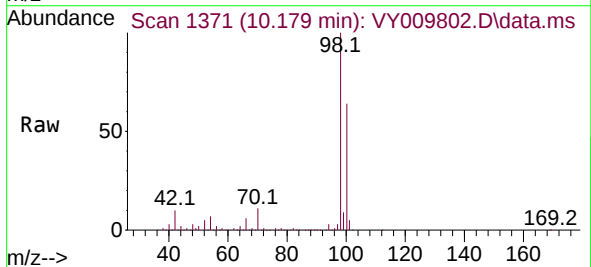
Instrument :
MSVOA_Y
ClientSampleId :
TP2-0729

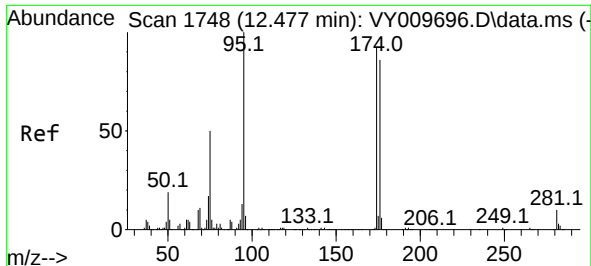
Tgt Ion:117 Resp: 13381
Ion Ratio Lower Upper
117 100
119 6.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 63.003 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009802.D
Acq: 01 Aug 2022 17:25

Tgt Ion: 98 Resp: 256053
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2

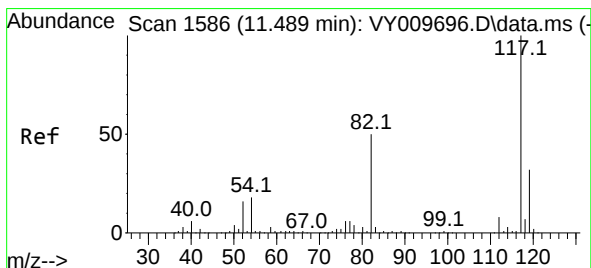
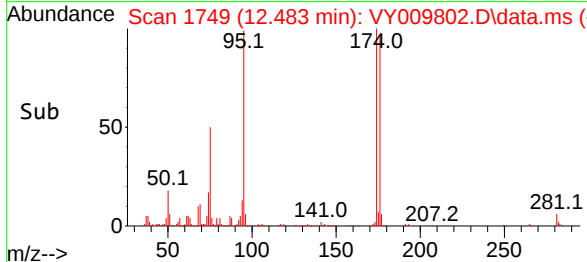
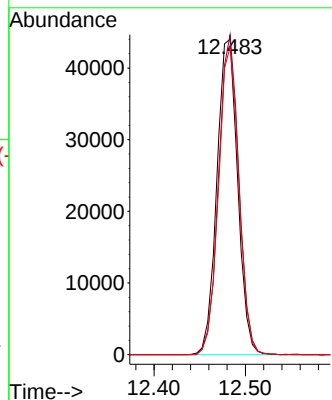
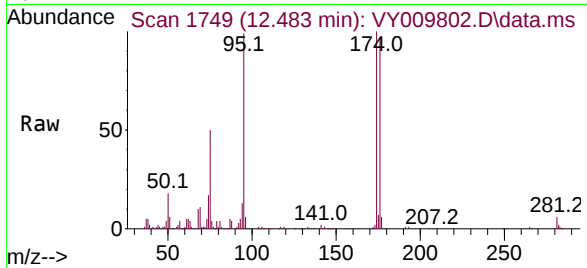




#62
4-Bromofluorobenzene
Concen: 36.952 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009802.D
Acq: 01 Aug 2022 17:25

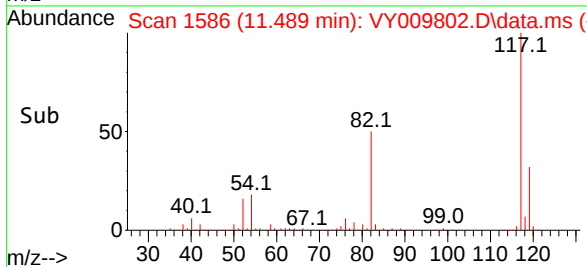
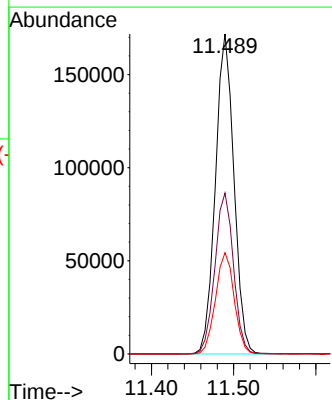
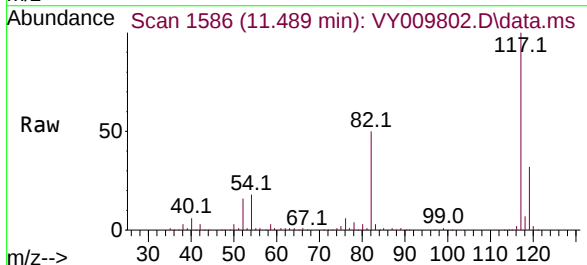
Instrument :
MSVOA_Y
ClientSampleId :
TP2-0729

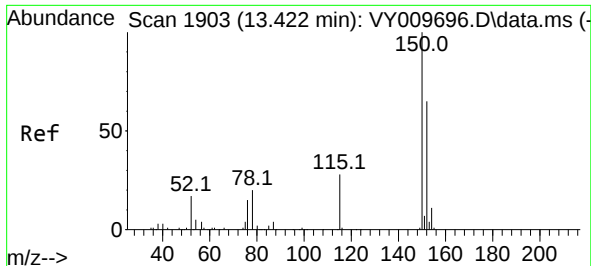
Tgt Ion: 95 Resp: 69594
Ion Ratio Lower Upper
95 100
174 98.6 0.0 177.0
176 95.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009802.D
Acq: 01 Aug 2022 17:25

Tgt Ion: 117 Resp: 268765
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 31.7 25.4 38.0

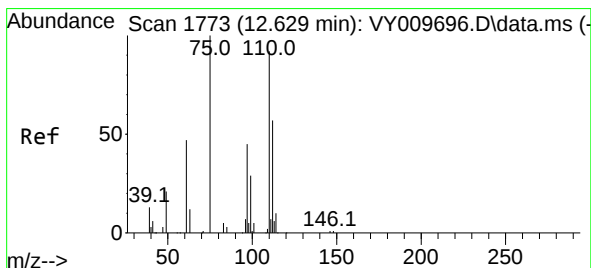
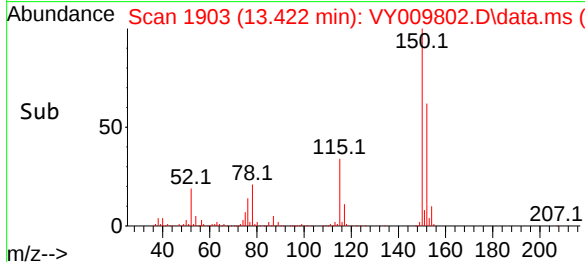
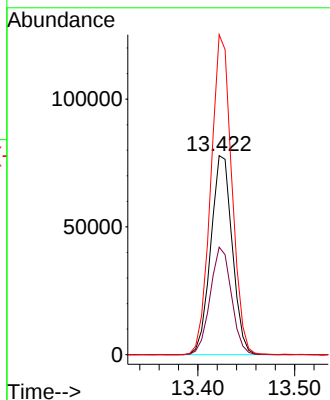
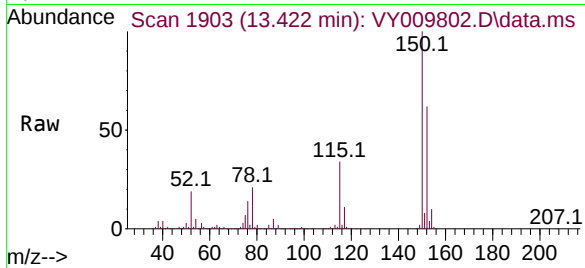




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009802.D
 Acq: 01 Aug 2022 17:25

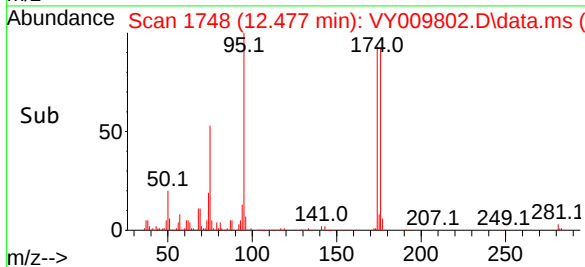
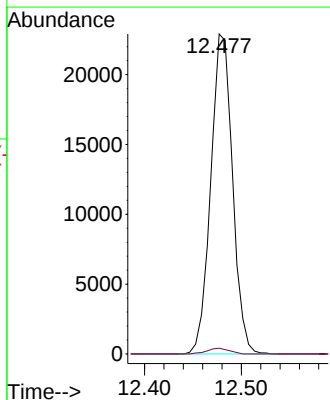
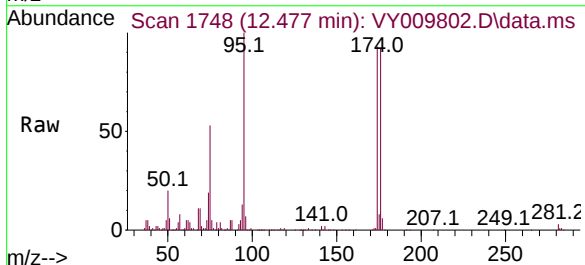
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-0729

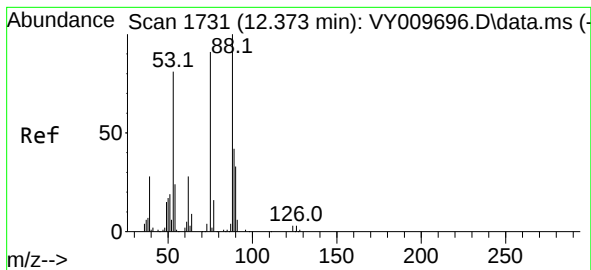
Tgt Ion:152 Resp: 120301
 Ion Ratio Lower Upper
 152 100
 115 53.4 28.2 84.7
 150 157.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 31.994 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009802.D
 Acq: 01 Aug 2022 17:25

Tgt Ion: 75 Resp: 35751
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.774 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009802.D
 Acq: 01 Aug 2022 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-0729

Tgt Ion: 75 Resp: 35751
 Ion Ratio Lower Upper
 75 100
 53 1.1 85.3 127.9#
 89 0.0 37.0 55.4#

