

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009629.D
 Acq On : 21 Jul 2022 13:27
 Operator : KP/MD
 Sample : N3816-01
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-072022

Quant Time: Jul 22 02:29:35 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)

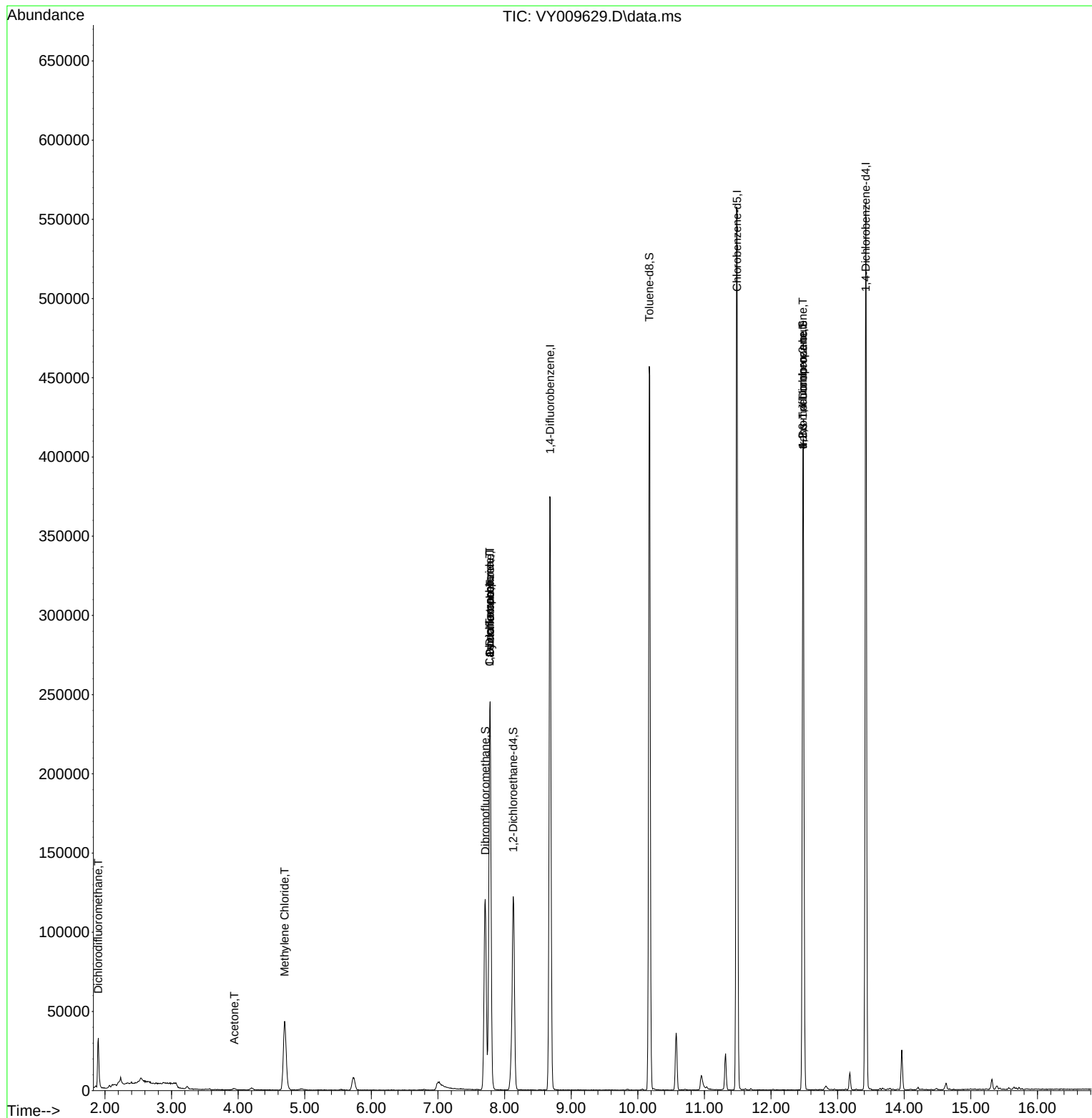
Internal Standards						
1) Pentafluorobenzene	7.783	168	206769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	338902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	322768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	151128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	88648	45.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.660%
35) Dibromofluoromethane	7.710	113	87352	40.913	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.820%
50) Toluene-d8	10.173	98	309800	37.744	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	75.480%#
62) 4-Bromofluorobenzene	12.477	95	100339	37.727	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	75.460%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	25220	13.900	ug/l	96
11) Tert butyl alcohol	4.954	59	1506	Below Cal	#	91
16) Acetone	3.942	43	1732	3.501	ug/l #	88
20) Methylene Chloride	4.698	84	34315	4.894	ug/l #	84
31) Cyclohexane	7.783	56	3520	1.021	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	13298	4.215	ug/l #	52
38) Carbon Tetrachloride	7.777	117	18532	5.611	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	50444	35.039	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	50444	69.089	ug/l #	7

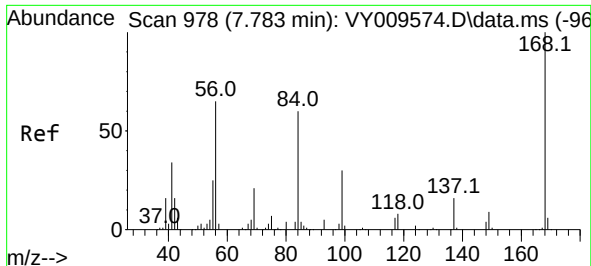
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
Data File : VY009629.D
Acq On : 21 Jul 2022 13:27
Operator : KP/MD
Sample : N3816-01
Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-072022

Quant Time: Jul 22 02:29:35 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

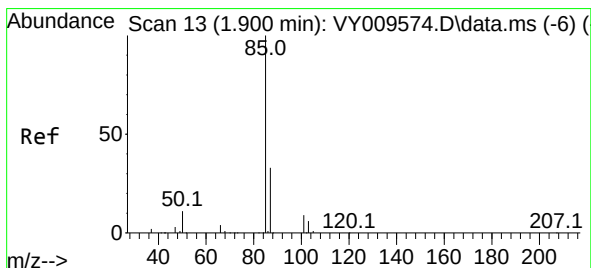
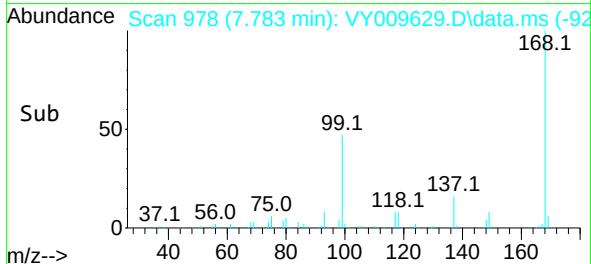
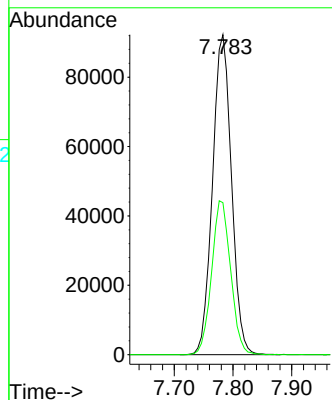
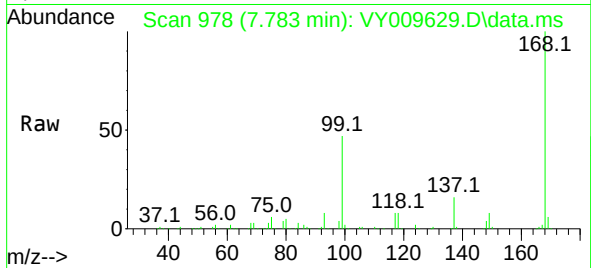




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009629.D
Acq: 21 Jul 2022 13:27

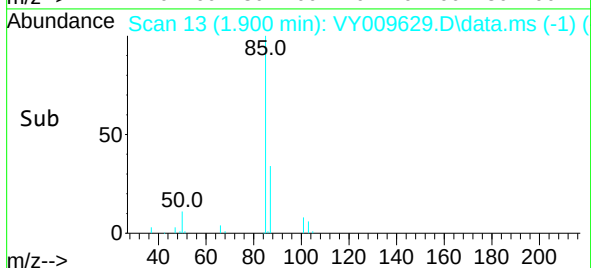
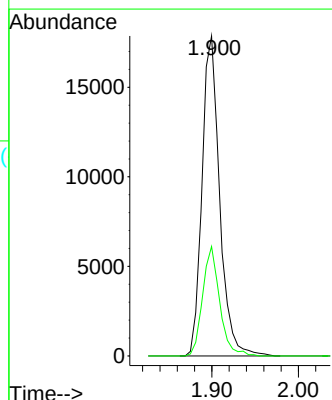
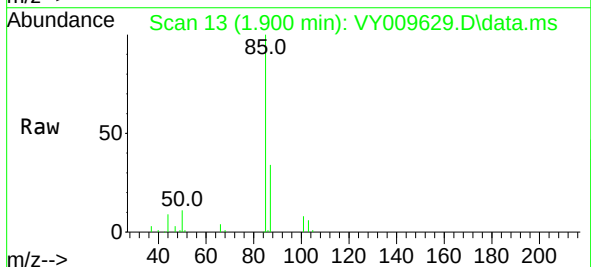
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-072022

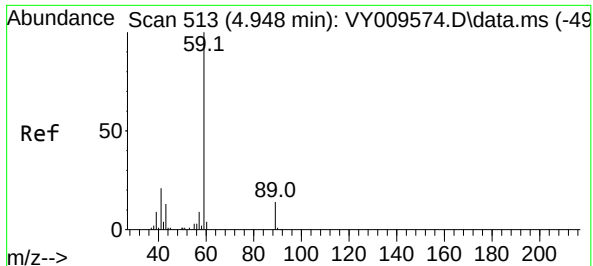
Tgt Ion:168 Resp: 206769
Ion Ratio Lower Upper
168 100
99 47.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 13.900 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009629.D
Acq: 21 Jul 2022 13:27

Tgt Ion: 85 Resp: 25220
Ion Ratio Lower Upper
85 100
87 34.2 16.1 48.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.954 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY009629.D

Acq: 21 Jul 2022 13:27

Instrument :

MSVOA_Y

ClientSampleId :

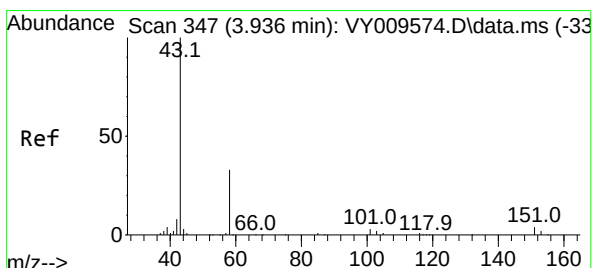
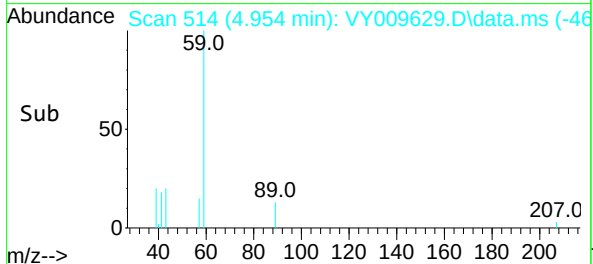
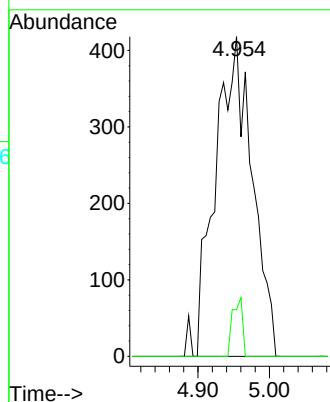
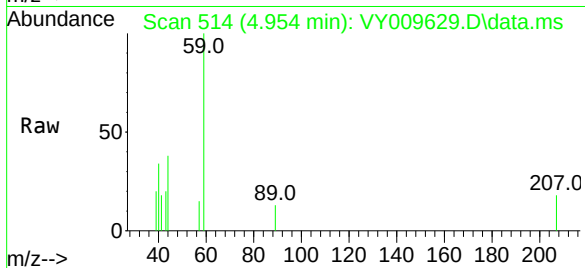
TR-05-072022

Tgt Ion: 59 Resp: 1506

Ion Ratio Lower Upper

59 100

57 4.8 6.4 9.6#



#16

Acetone

Concen: 3.501 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009629.D

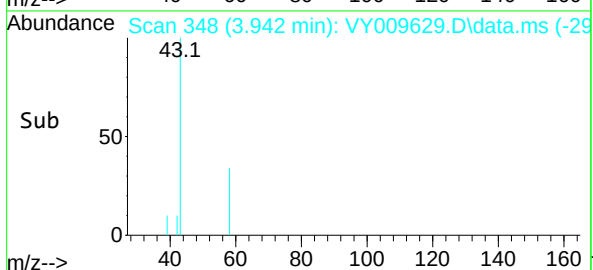
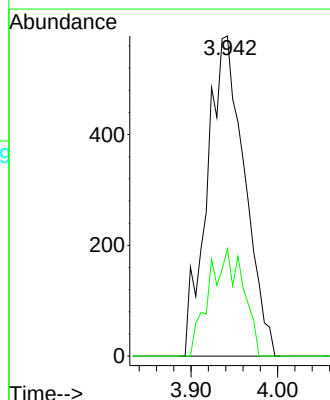
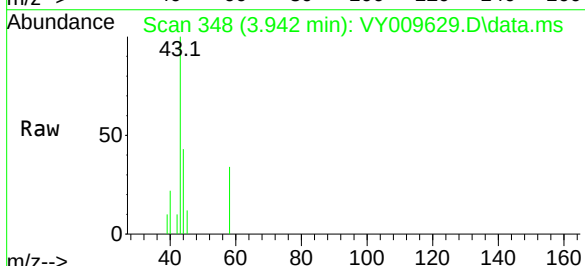
Acq: 21 Jul 2022 13:27

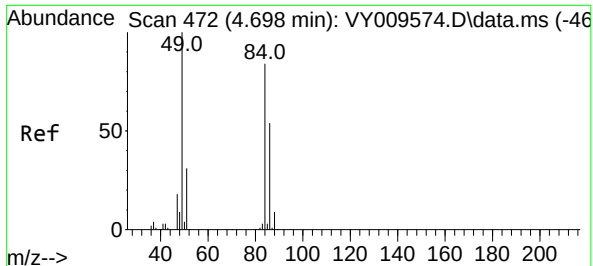
Tgt Ion: 43 Resp: 1732

Ion Ratio Lower Upper

43 100

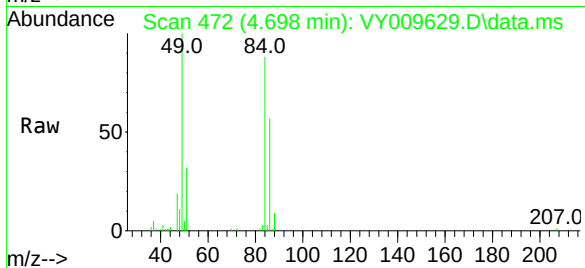
58 33.6 22.0 33.0#



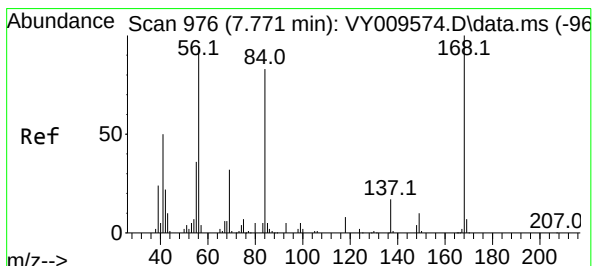
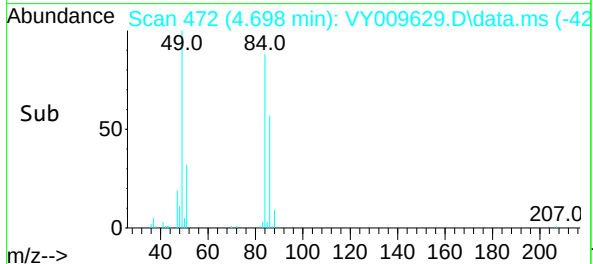
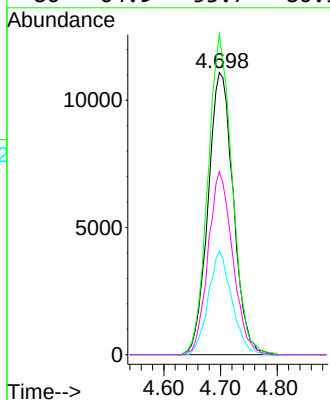


#20
Methylene Chloride
Concen: 4.894 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009629.D
Acq: 21 Jul 2022 13:27

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-072022

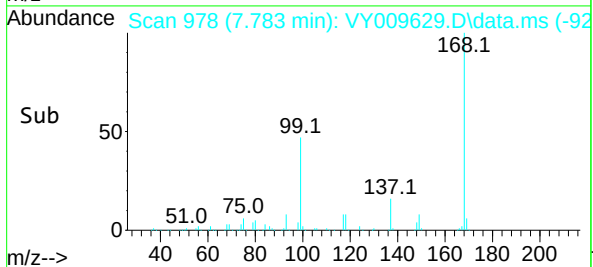
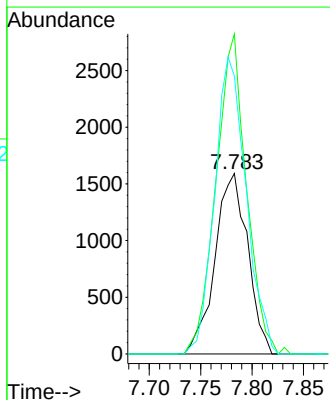
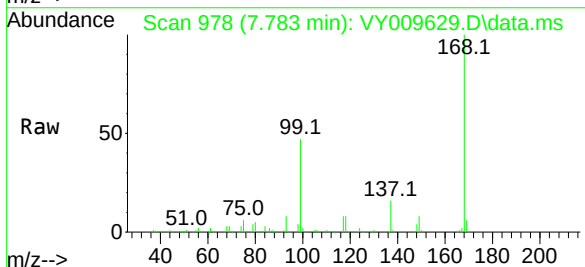


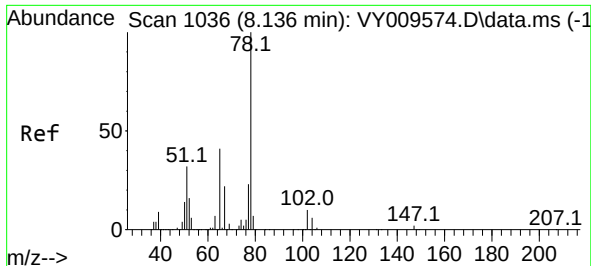
Tgt Ion: 84 Resp: 34315
Ion Ratio Lower Upper
84 100
49 113.4 114.4 171.6#
51 36.7 35.3 52.9
86 64.9 53.7 80.5



#31
Cyclohexane
Concen: 1.021 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.012 min
Lab File: VY009629.D
Acq: 21 Jul 2022 13:27

Tgt Ion: 56 Resp: 3520
Ion Ratio Lower Upper
56 100
69 177.3 26.7 40.1#
84 154.0 67.2 100.8#

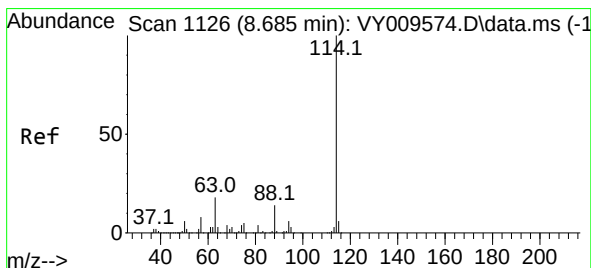
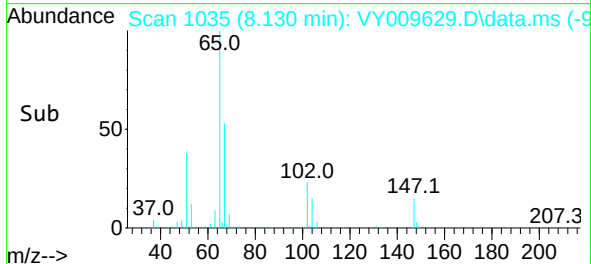
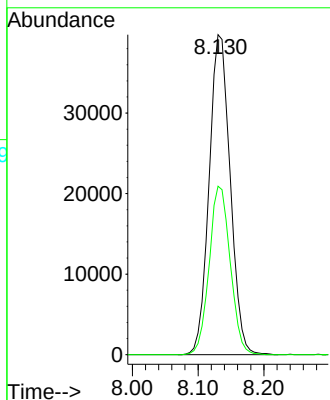
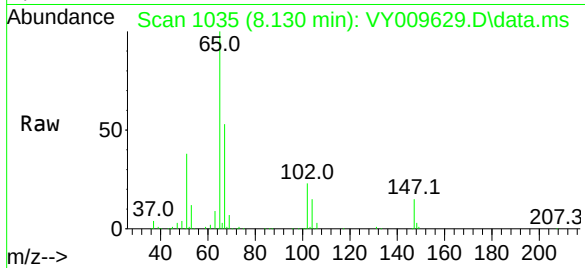




#33
 1,2-Dichloroethane-d4
 Concen: 45.332 ug/l
 RT: 8.130 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: VY009629.D
 Acq: 21 Jul 2022 13:27

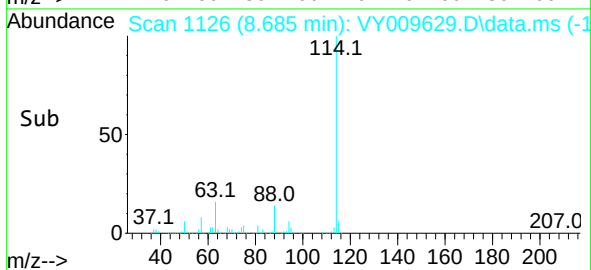
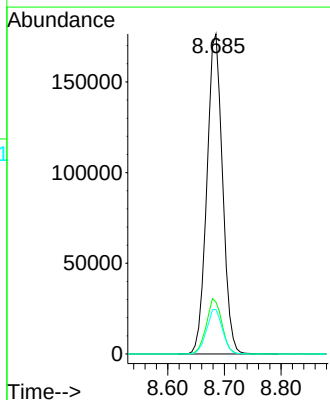
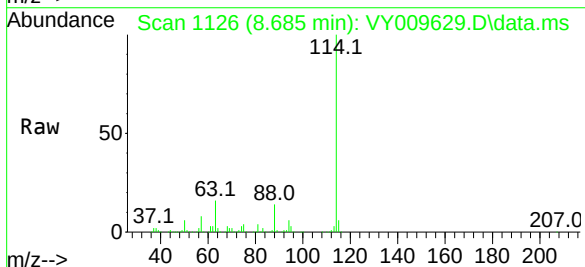
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-072022

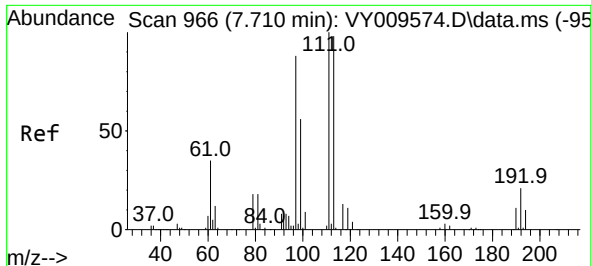
Tgt Ion: 65 Resp: 88648
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY009629.D
 Acq: 21 Jul 2022 13:27

Tgt Ion: 114 Resp: 338902
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 43.2
 88 13.9 0.0 31.8

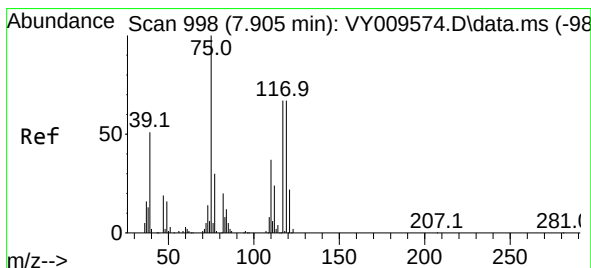
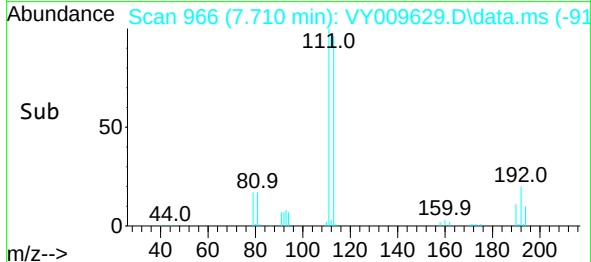
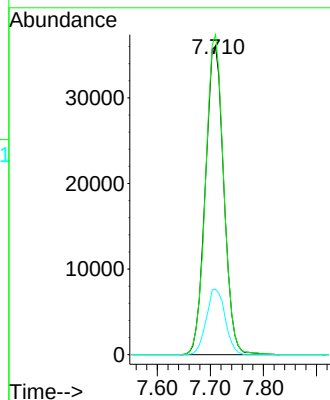
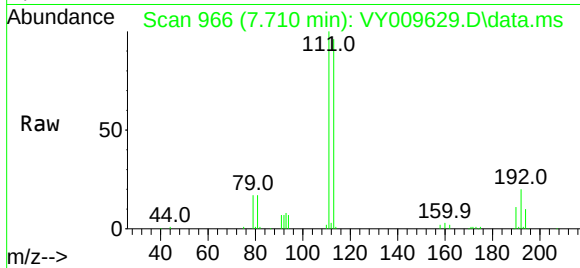




#35
Dibromofluoromethane
Concen: 40.913 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009629.D
Acq: 21 Jul 2022 13:27

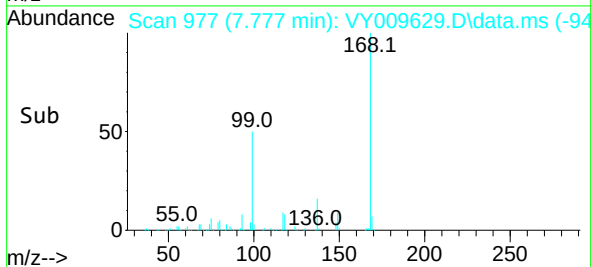
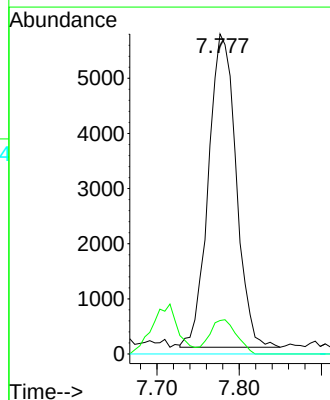
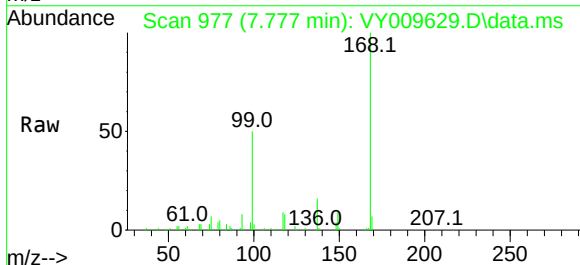
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-072022

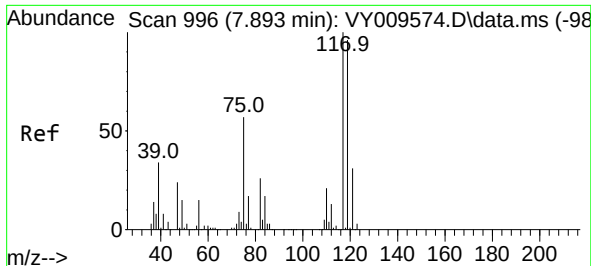
Tgt Ion:113 Resp: 87352
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 21.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.215 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY009629.D
Acq: 21 Jul 2022 13:27

Tgt Ion: 75 Resp: 13298
Ion Ratio Lower Upper
75 100
110 10.8 17.1 51.2#
77 0.0 24.4 36.6#

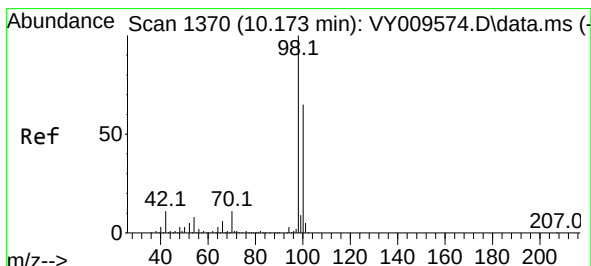
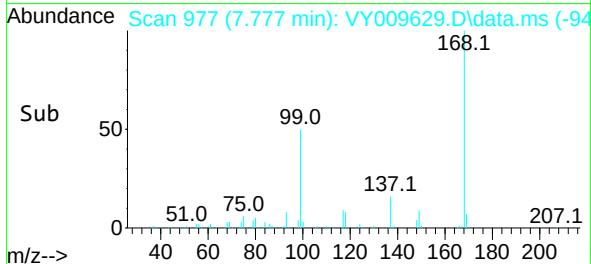
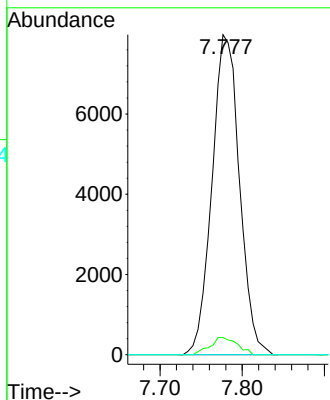
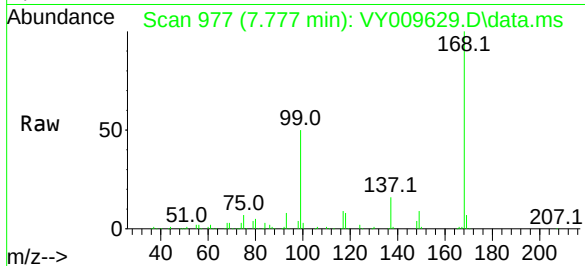




#38
Carbon Tetrachloride
Concen: 5.611 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009629.D
Acq: 21 Jul 2022 13:27

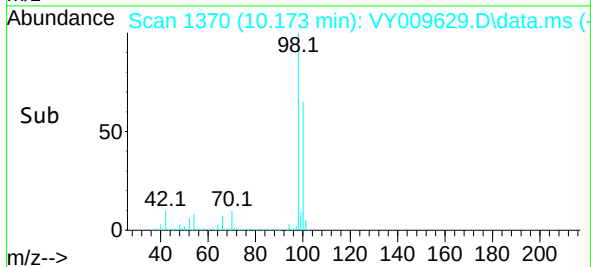
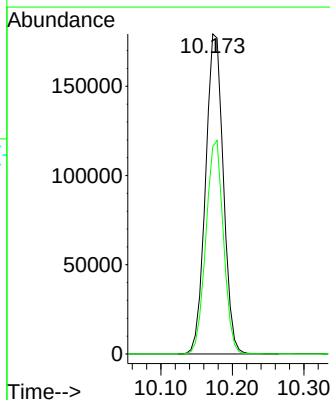
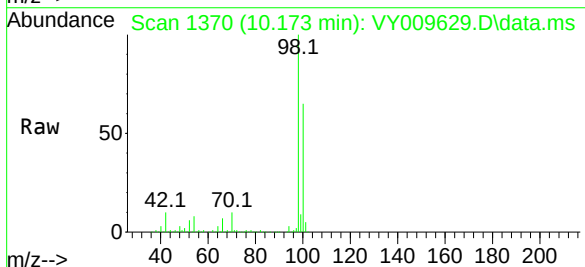
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-072022

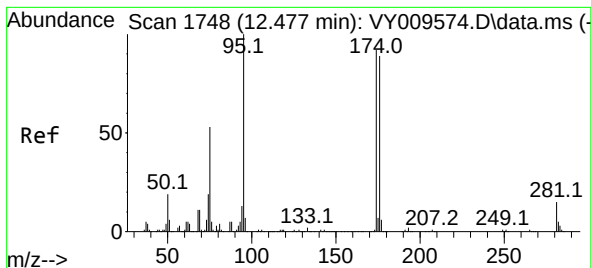
Tgt Ion:117 Resp: 18532
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 37.744 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009629.D
Acq: 21 Jul 2022 13:27

Tgt Ion: 98 Resp: 309800
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

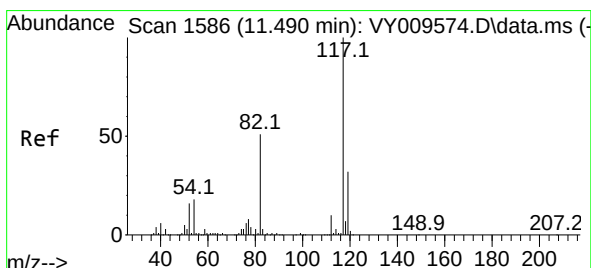
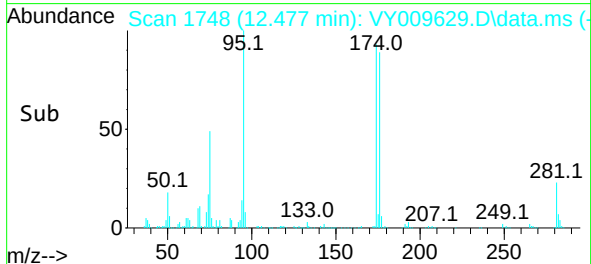
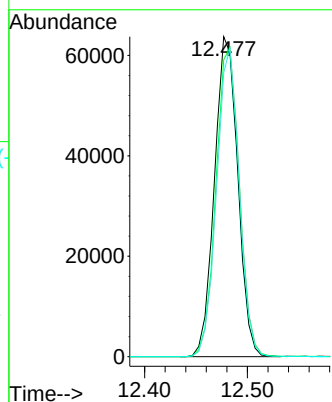
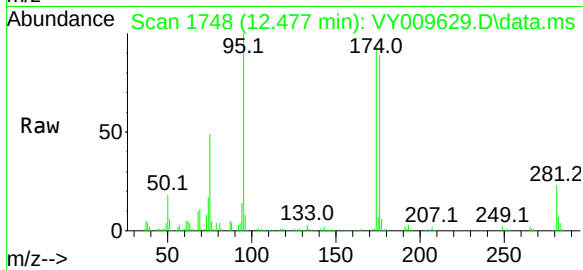




#62
4-Bromofluorobenzene
Concen: 37.727 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009629.D
Acq: 21 Jul 2022 13:27

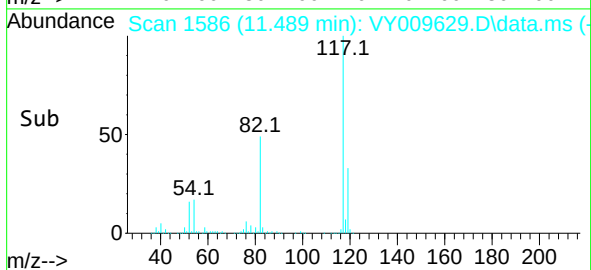
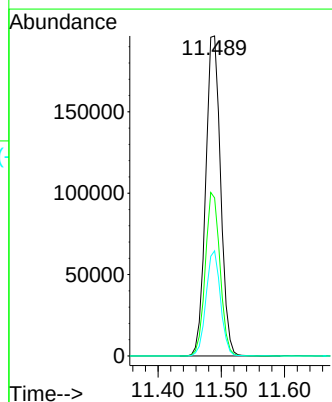
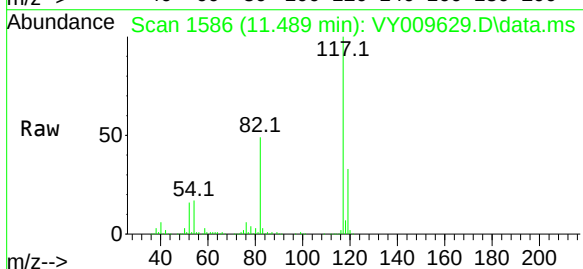
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-072022

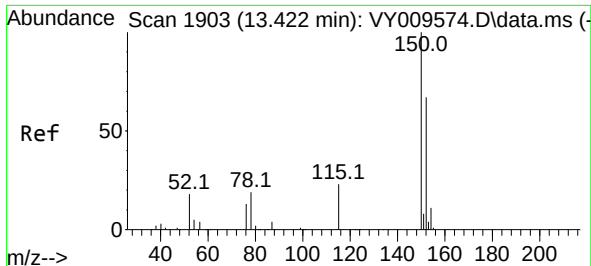
Tgt Ion: 95 Resp: 100339
Ion Ratio Lower Upper
95 100
174 97.0 0.0 177.0
176 93.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009629.D
Acq: 21 Jul 2022 13:27

Tgt Ion: 117 Resp: 322768
Ion Ratio Lower Upper
117 100
82 49.4 43.0 64.4
119 32.8 25.4 38.0

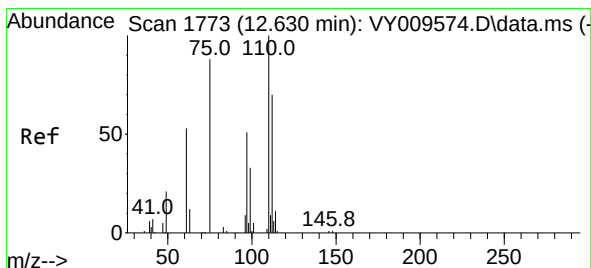
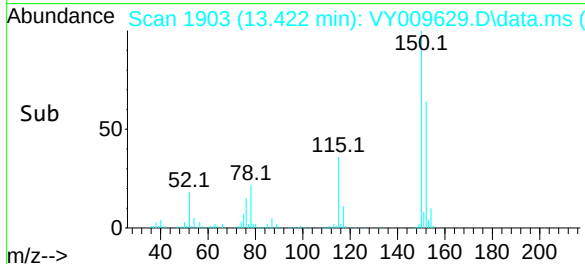
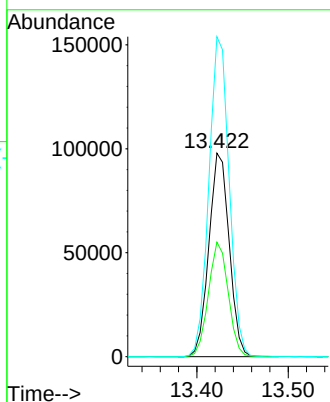
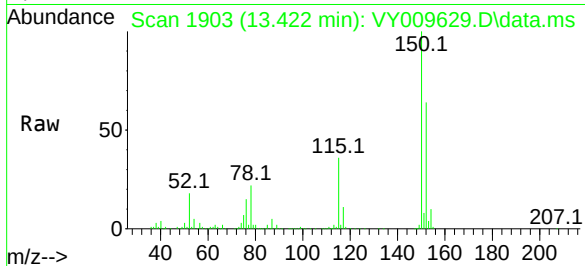




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VY009629.D
 Acq: 21 Jul 2022 13:27

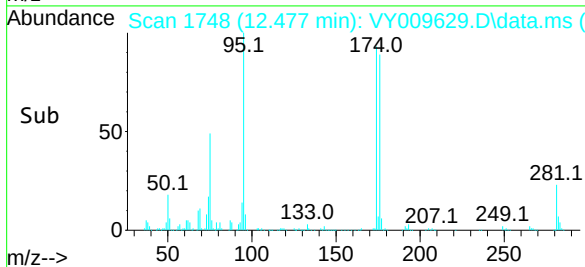
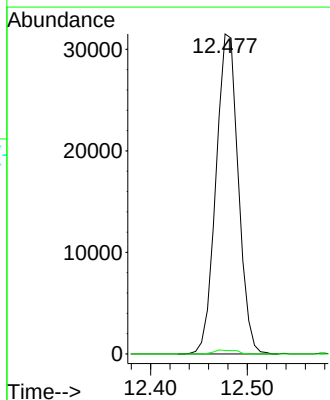
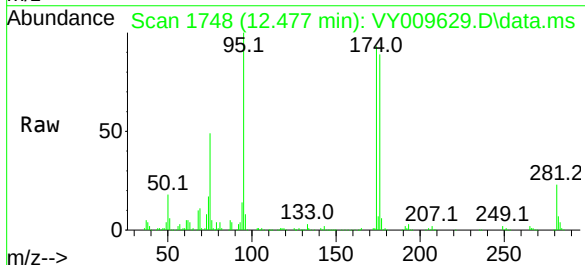
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-072022

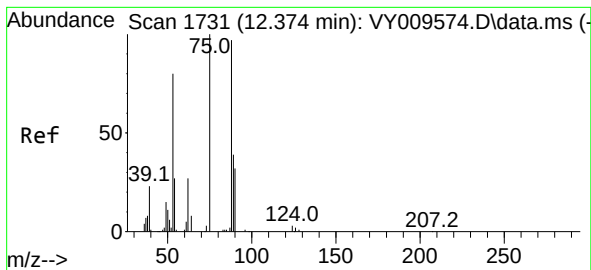
Tgt Ion:152 Resp: 151128
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.2 84.7
 150 156.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 35.039 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009629.D
 Acq: 21 Jul 2022 13:27

Tgt Ion: 75 Resp: 50444
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.089 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009629.D
 Acq: 21 Jul 2022 13:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-072022

Tgt Ion: 75 Resp: 50444
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.4 37.0 55.4#

