

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016463.D
 Acq On : 22 Nov 2023 15:33
 Operator : SY/MD
 Sample : 05504-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:07:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

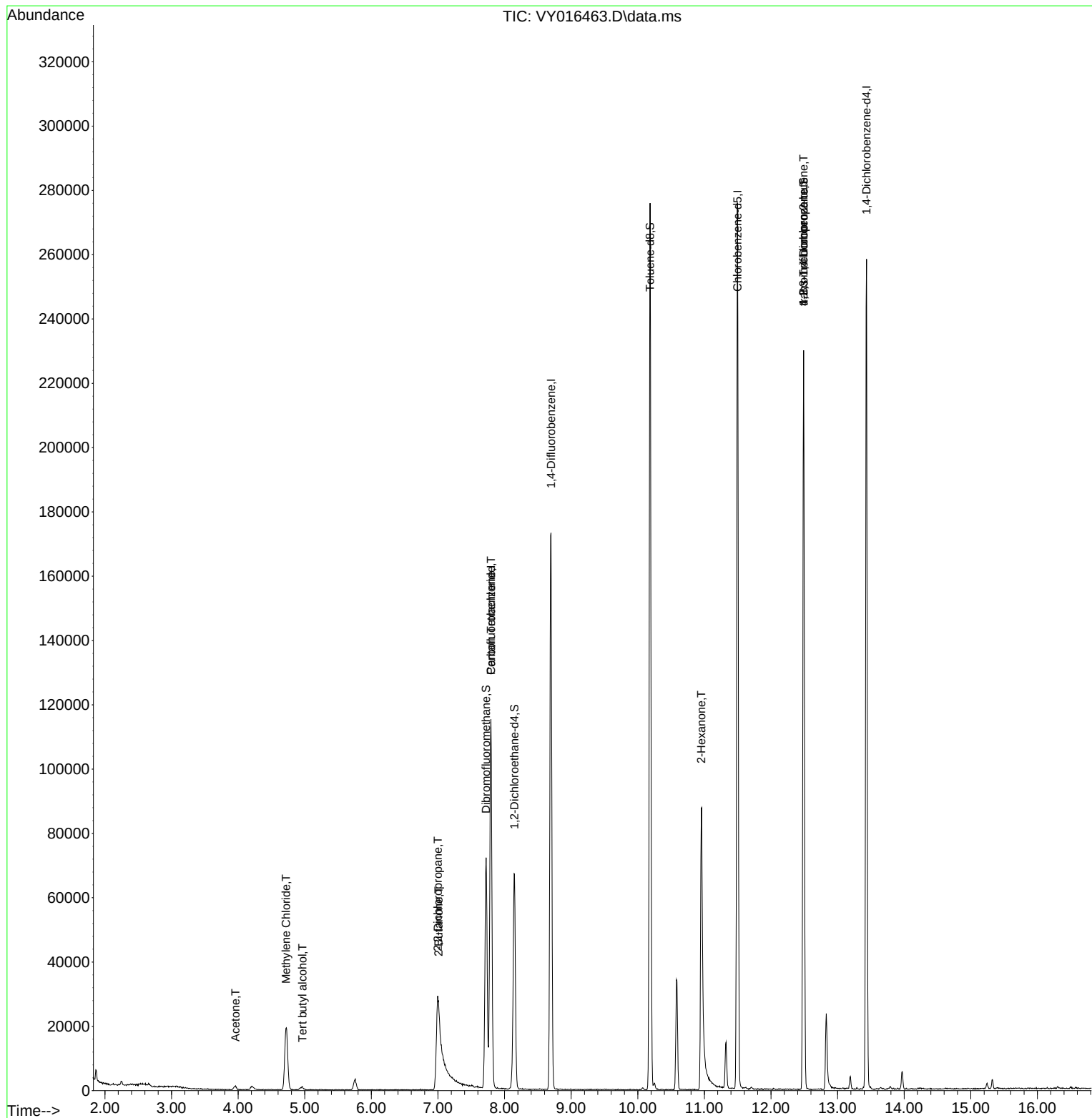
Internal Standards						
1) Pentafluorobenzene	7.795	168	92071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	159863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	158170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	69329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	53279	63.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.620%	
35) Dibromofluoromethane	7.722	113	51792	57.032	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.060%	
50) Toluene-d8	10.185	98	185990	50.505	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.000%	
62) 4-Bromofluorobenzene	12.489	95	64421	53.861	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	2195	33.310	ug/l #	98
16) Acetone	3.960	43	2191	15.741	ug/l #	75
20) Methylene Chloride	4.716	84	16563	14.363	ug/l #	81
25) 2-Butanone	7.009	43	2056	8.433	ug/l #	49
26) 2,2-Dichloropropane	6.997	77	2489	1.558	ug/l #	54
38) Carbon Tetrachloride	7.795	117	9206	5.625	ug/l #	17
59) 2-Hexanone	10.953	43	621	1.341	ug/l #	38
76) 1,2,3-Trichloropropane	12.489	75	33405	50.228	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	33405	109.024	ug/l #	11

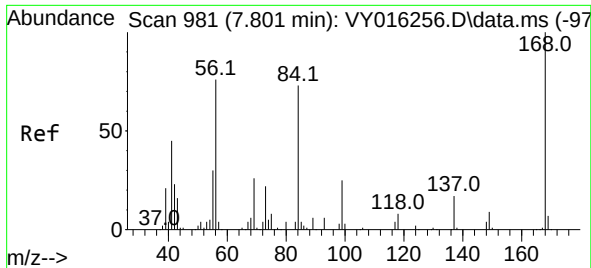
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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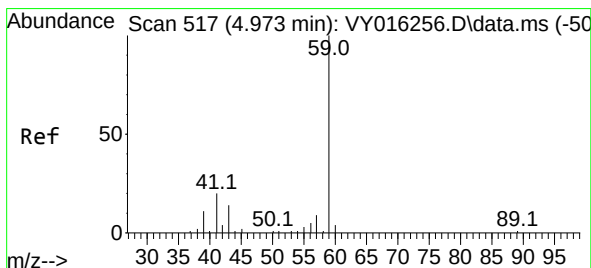
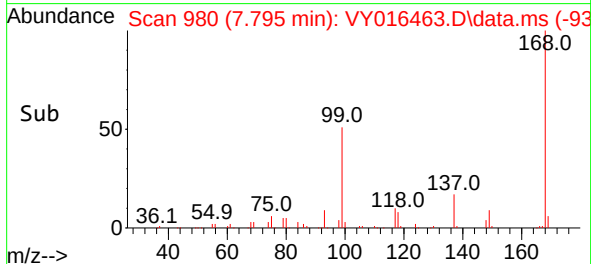
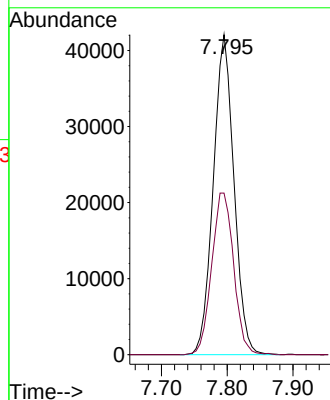
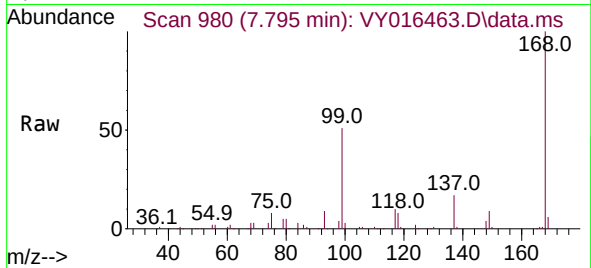




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016463.D
Acq: 22 Nov 2023 15:33

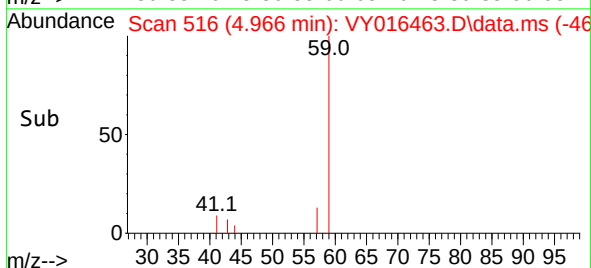
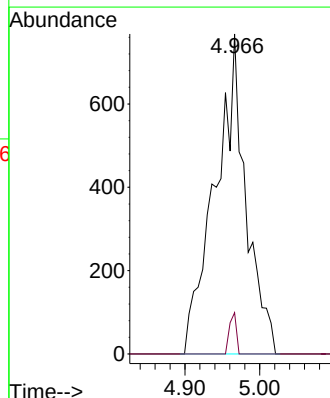
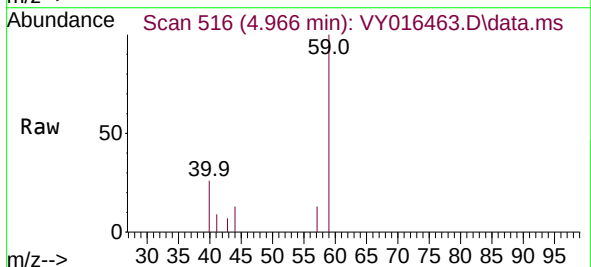
Instrument :
MSVOA_Y
ClientSampleId :

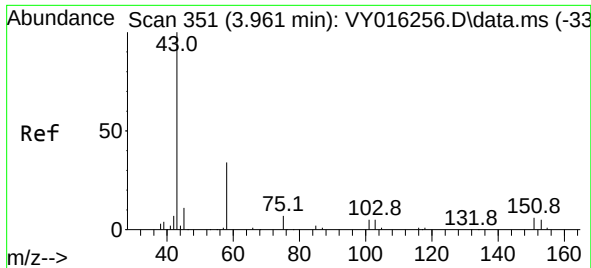
Tgt Ion:168 Resp: 92071
Ion Ratio Lower Upper
168 100
99 50.5 43.4 65.0



#11
Tert butyl alcohol
Concen: 33.310 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY016463.D
Acq: 22 Nov 2023 15:33

Tgt Ion: 59 Resp: 2195
Ion Ratio Lower Upper
59 100
57 2.9 3.0 4.4#





#16

Acetone

Concen: 15.741 ug/l

RT: 3.960 min Scan# 351

Delta R.T. -0.000 min

Lab File: VY016463.D

Acq: 22 Nov 2023 15:33

Instrument :

MSVOA_Y

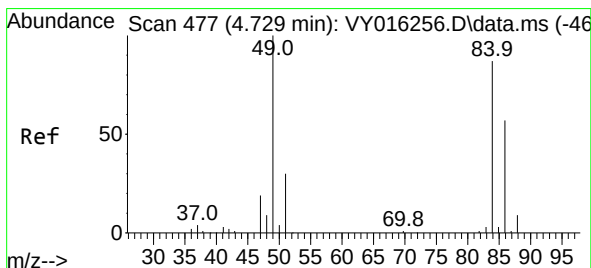
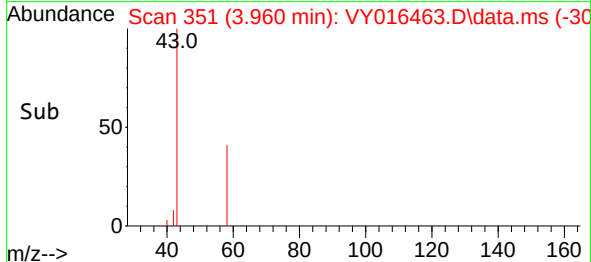
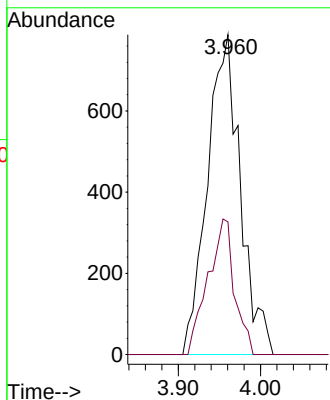
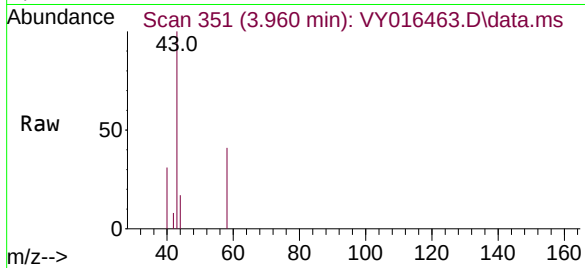
ClientSampleId :

Tgt Ion: 43 Resp: 2191

Ion Ratio Lower Upper

43 100

58 41.5 22.7 34.1#



#20

Methylene Chloride

Concen: 14.363 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.013 min

Lab File: VY016463.D

Acq: 22 Nov 2023 15:33

Tgt Ion: 84 Resp: 16563

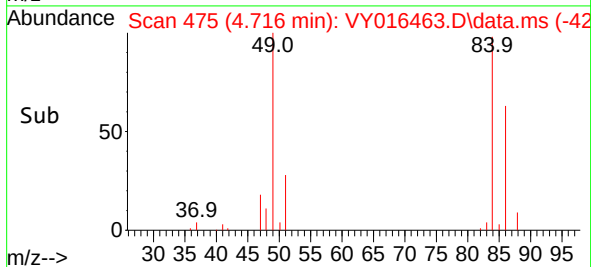
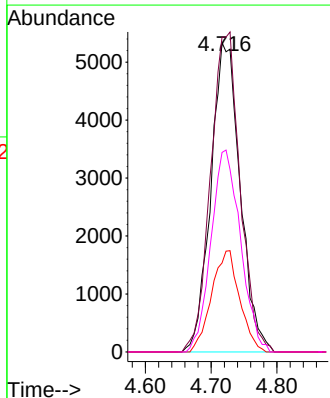
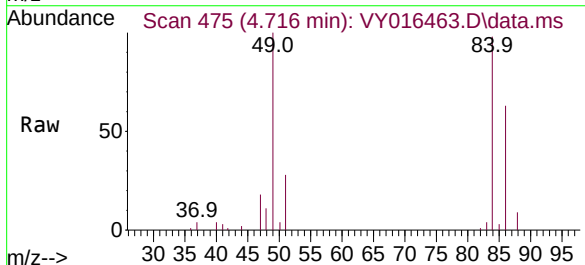
Ion Ratio Lower Upper

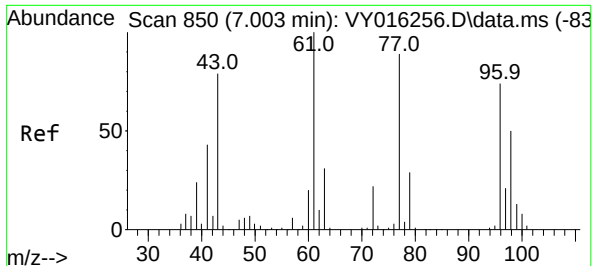
84 100

49 101.8 106.9 160.3#

51 28.8 33.2 49.8#

86 64.5 51.0 76.6





#25

2-Butanone

Concen: 8.433 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY016463.D

Acq: 22 Nov 2023 15:33

Instrument :

MSVOA_Y

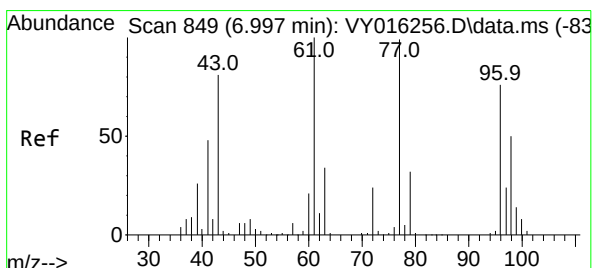
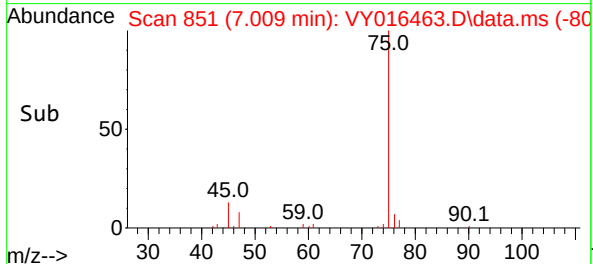
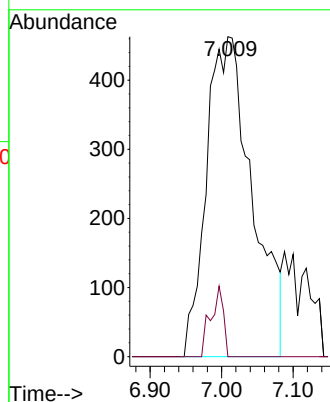
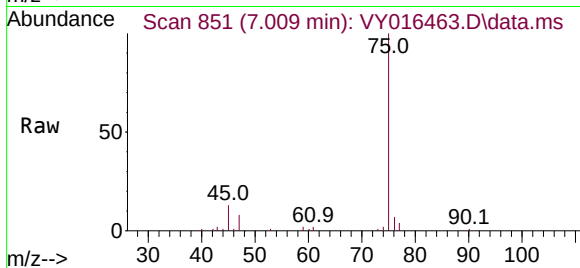
ClientSampleId :

Tgt Ion: 43 Resp: 2056

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.558 ug/l

RT: 6.997 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016463.D

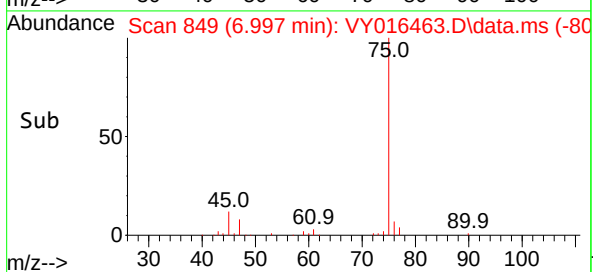
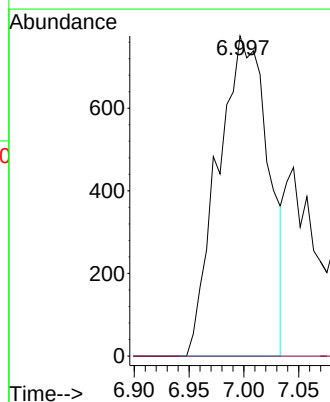
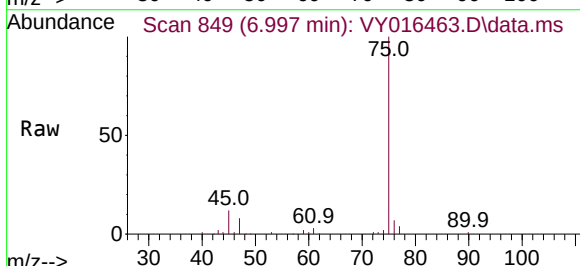
Acq: 22 Nov 2023 15:33

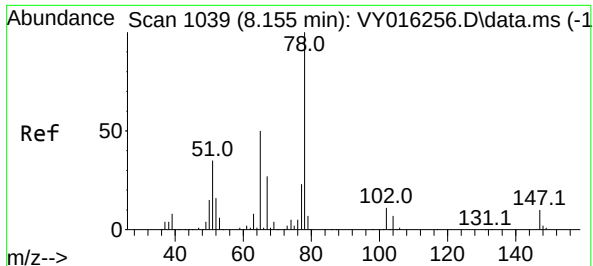
Tgt Ion: 77 Resp: 2489

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 63.315 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016463.D

Acq: 22 Nov 2023 15:33

Instrument :

MSVOA_Y

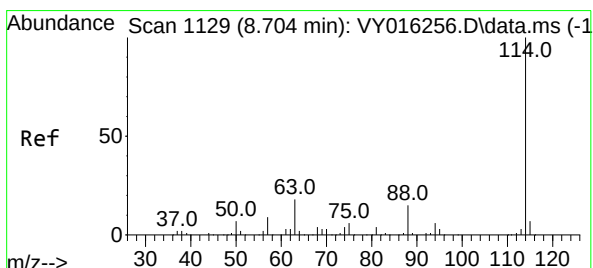
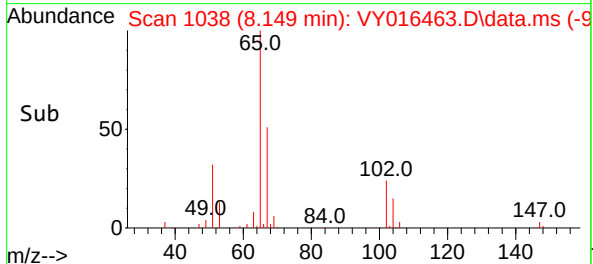
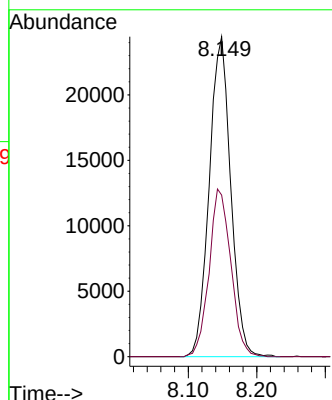
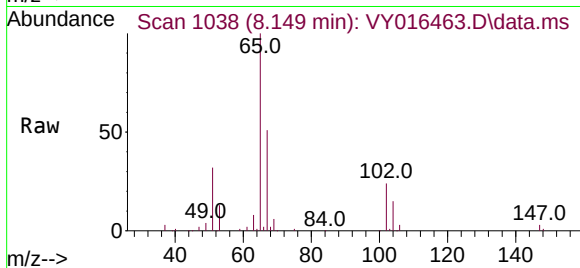
ClientSampleId :

Tgt Ion: 65 Resp: 53279

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016463.D

Acq: 22 Nov 2023 15:33

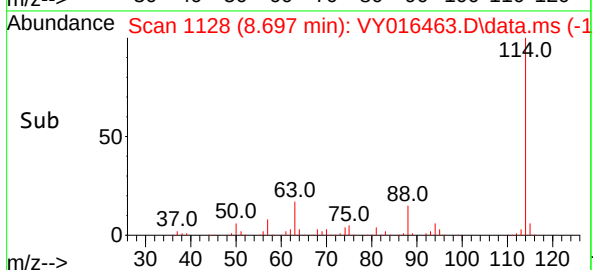
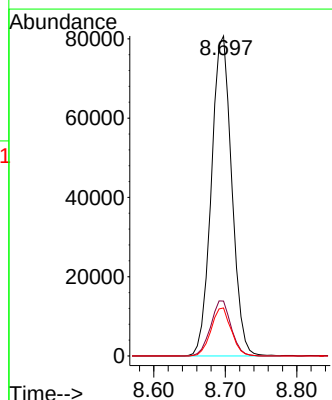
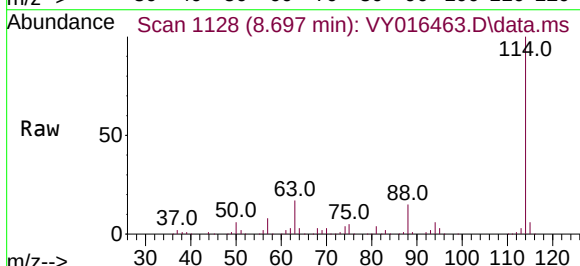
Tgt Ion:114 Resp: 159863

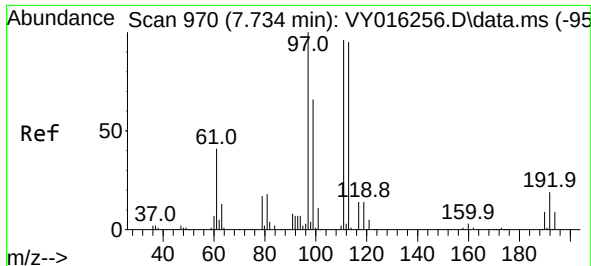
Ion Ratio Lower Upper

114 100

63 17.2 0.0 42.4

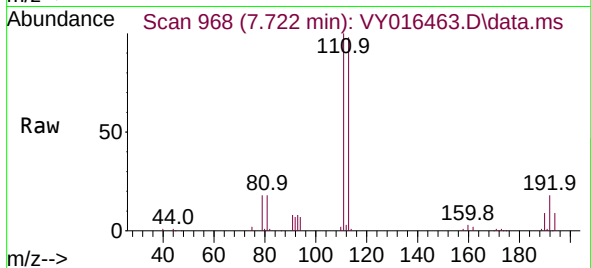
88 15.0 0.0 30.6



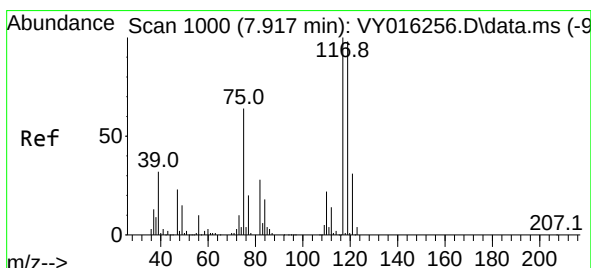
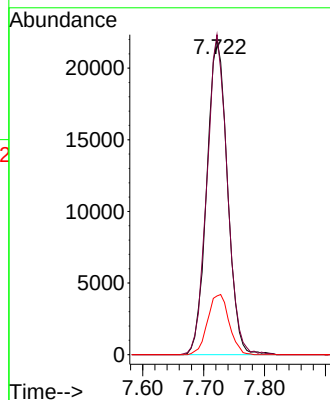
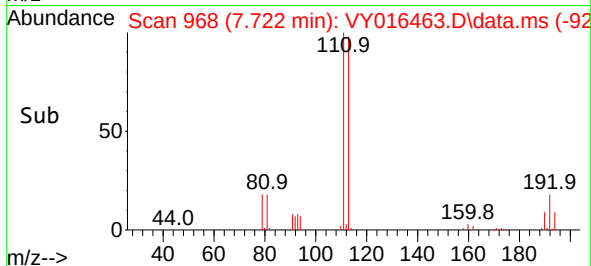


#35
Dibromofluoromethane
Concen: 57.032 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016463.D
Acq: 22 Nov 2023 15:33

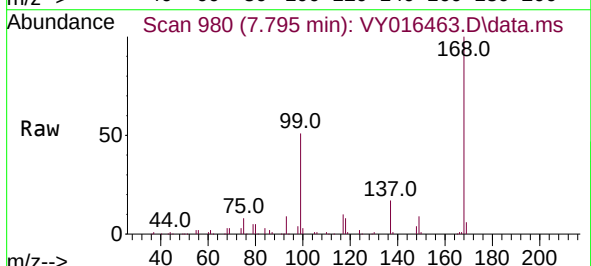
Instrument :
MSVOA_Y
ClientSampleId :



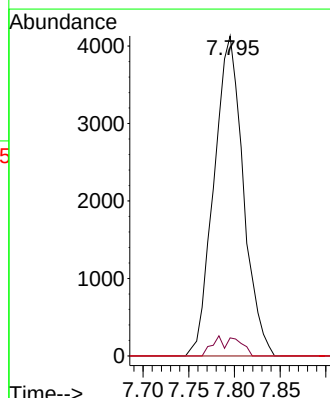
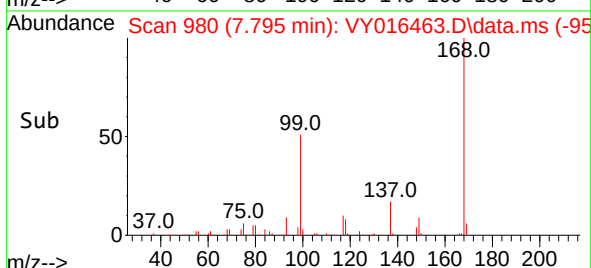
Tgt Ion:113 Resp: 51792
Ion Ratio Lower Upper
113 100
111 100.5 81.3 121.9
192 19.8 16.9 25.3

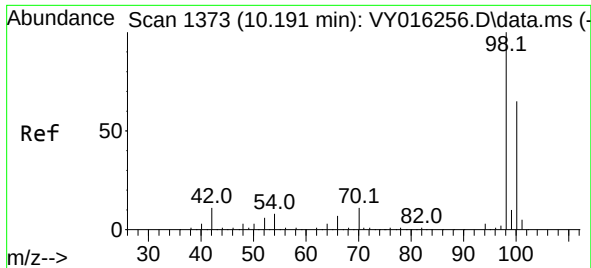


#38
Carbon Tetrachloride
Concen: 5.625 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY016463.D
Acq: 22 Nov 2023 15:33



Tgt Ion:117 Resp: 9206
Ion Ratio Lower Upper
117 100
119 5.7 76.4 114.6#
121 0.0 25.8 38.6#

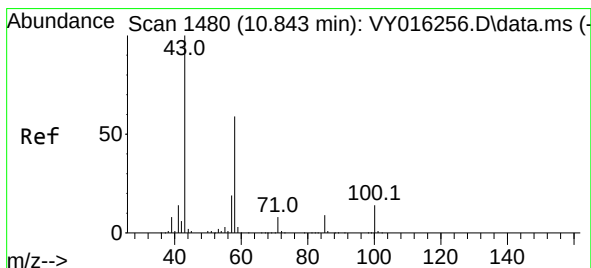
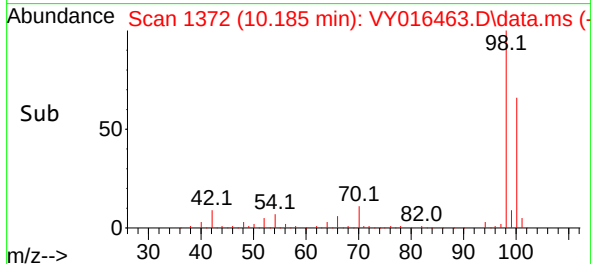
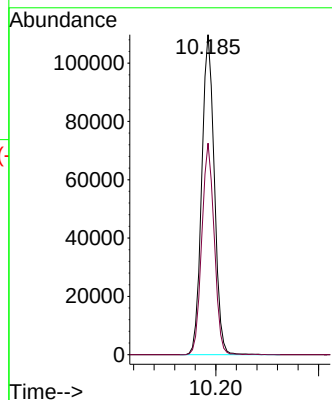
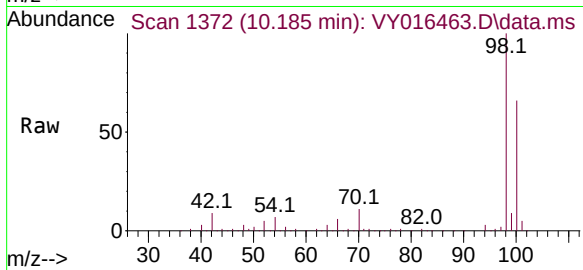




#50
Toluene-d8
Concen: 50.505 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016463.D
Acq: 22 Nov 2023 15:33

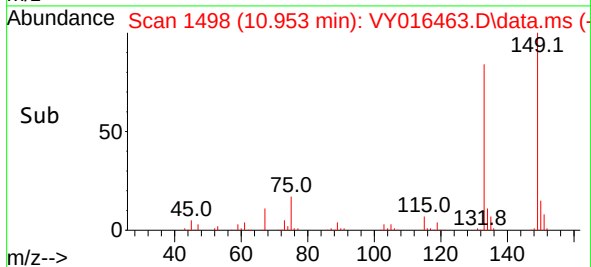
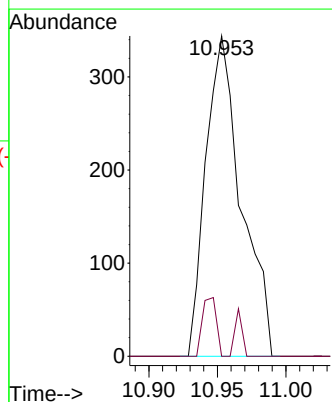
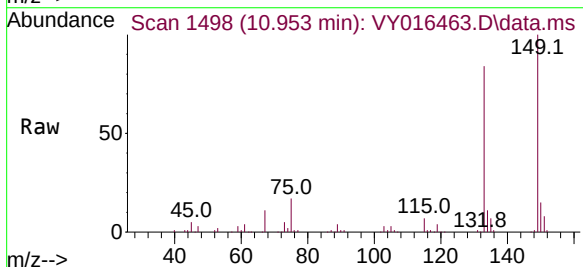
Instrument :
MSVOA_Y
ClientSampleId :

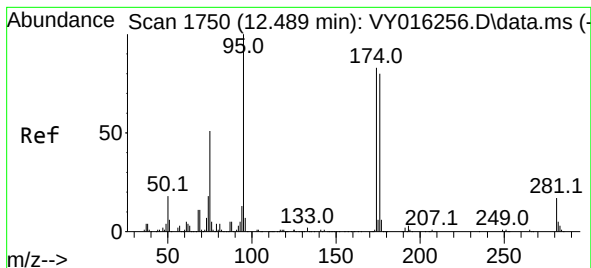
Tgt Ion: 98 Resp: 185990
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#59
2-Hexanone
Concen: 1.341 ug/l
RT: 10.953 min Scan# 1498
Delta R.T. 0.110 min
Lab File: VY016463.D
Acq: 22 Nov 2023 15:33

Tgt Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
58 7.2 25.1 75.3#

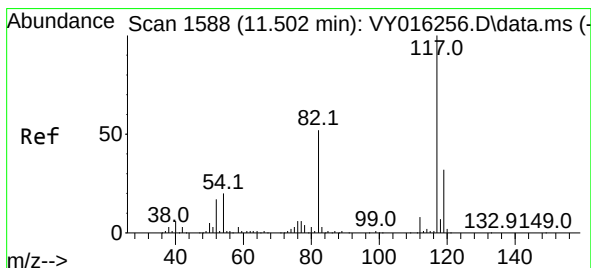
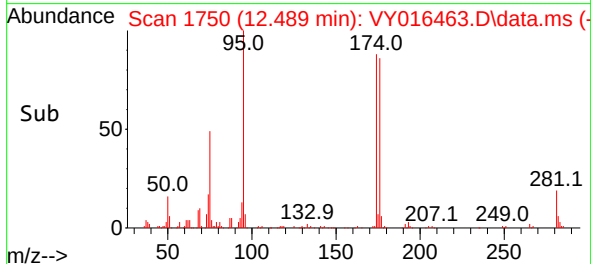
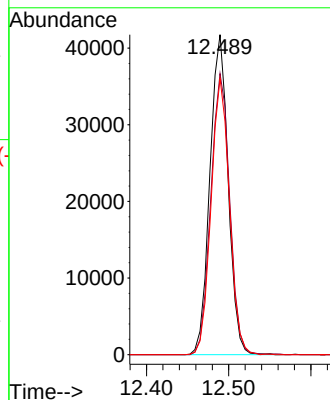
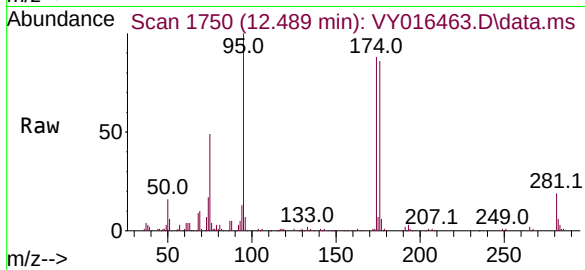




#62
4-Bromofluorobenzene
Concen: 53.861 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016463.D
Acq: 22 Nov 2023 15:33

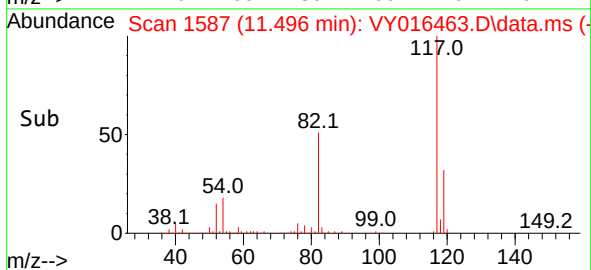
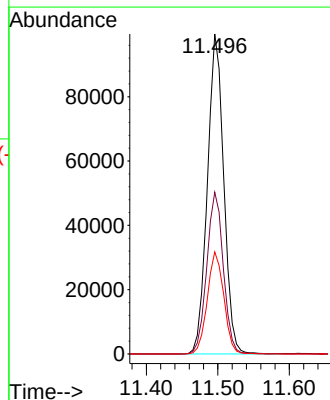
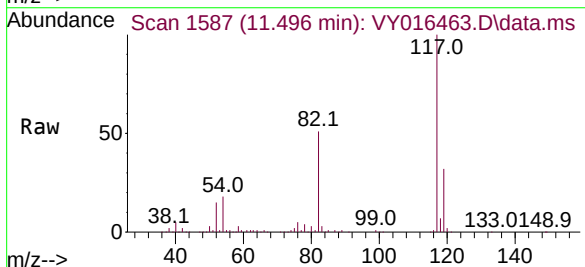
Instrument :
MSVOA_Y
ClientSampleId :

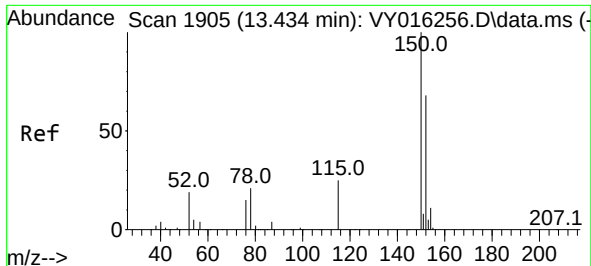
Tgt Ion: 95 Resp: 64421
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.2
176 86.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016463.D
Acq: 22 Nov 2023 15:33

Tgt Ion: 117 Resp: 158170
Ion Ratio Lower Upper
117 100
82 50.6 43.4 65.0
119 31.9 26.3 39.5

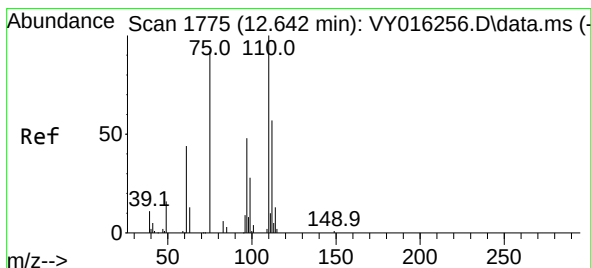
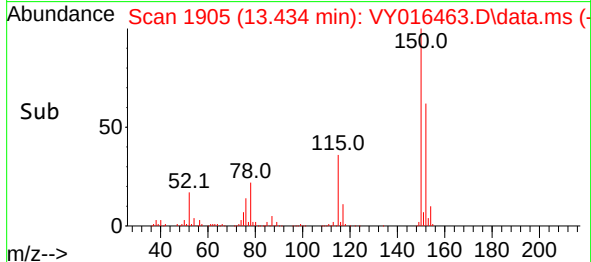
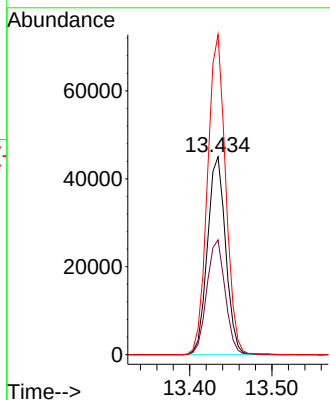
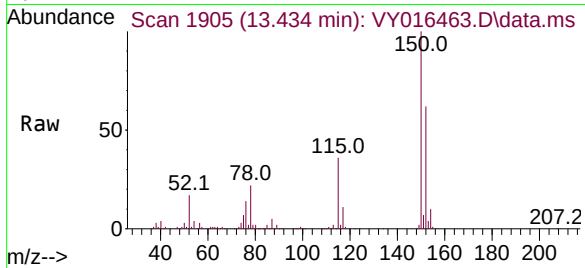




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016463.D
 Acq: 22 Nov 2023 15:33

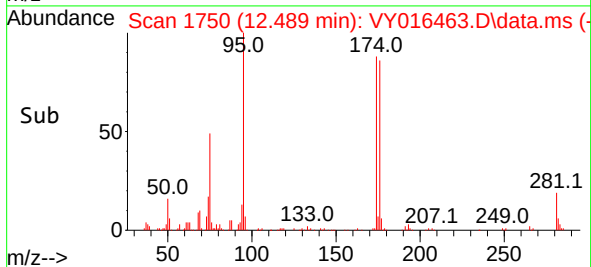
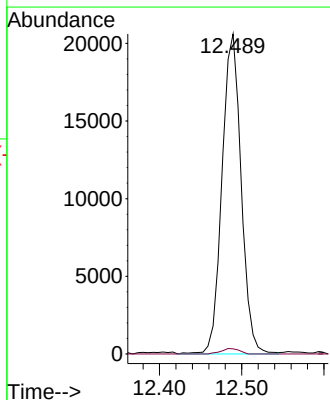
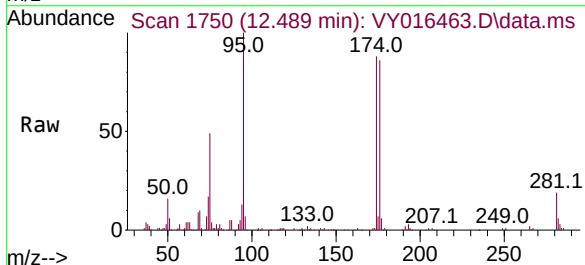
Instrument :
 MSVOA_Y
 ClientSampleId :

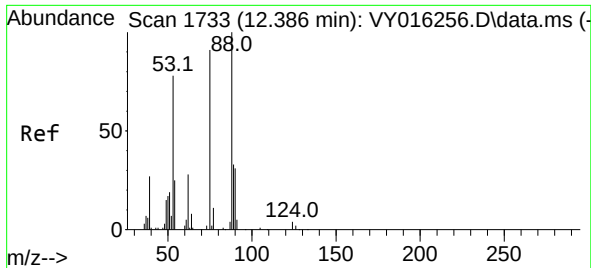
Tgt Ion:152 Resp: 69329
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.8 86.5
 150 161.1 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 50.228 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.152 min
 Lab File: VY016463.D
 Acq: 22 Nov 2023 15:33

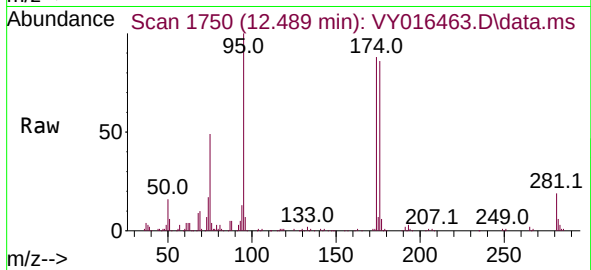
Tgt Ion: 75 Resp: 33405
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.024 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016463.D
 Acq: 22 Nov 2023 15:33

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.1	37.4	56.0#

