

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015489.D
 Acq On : 11 Sep 2023 16:04
 Operator : SY/MD
 Sample : 04363-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:19:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

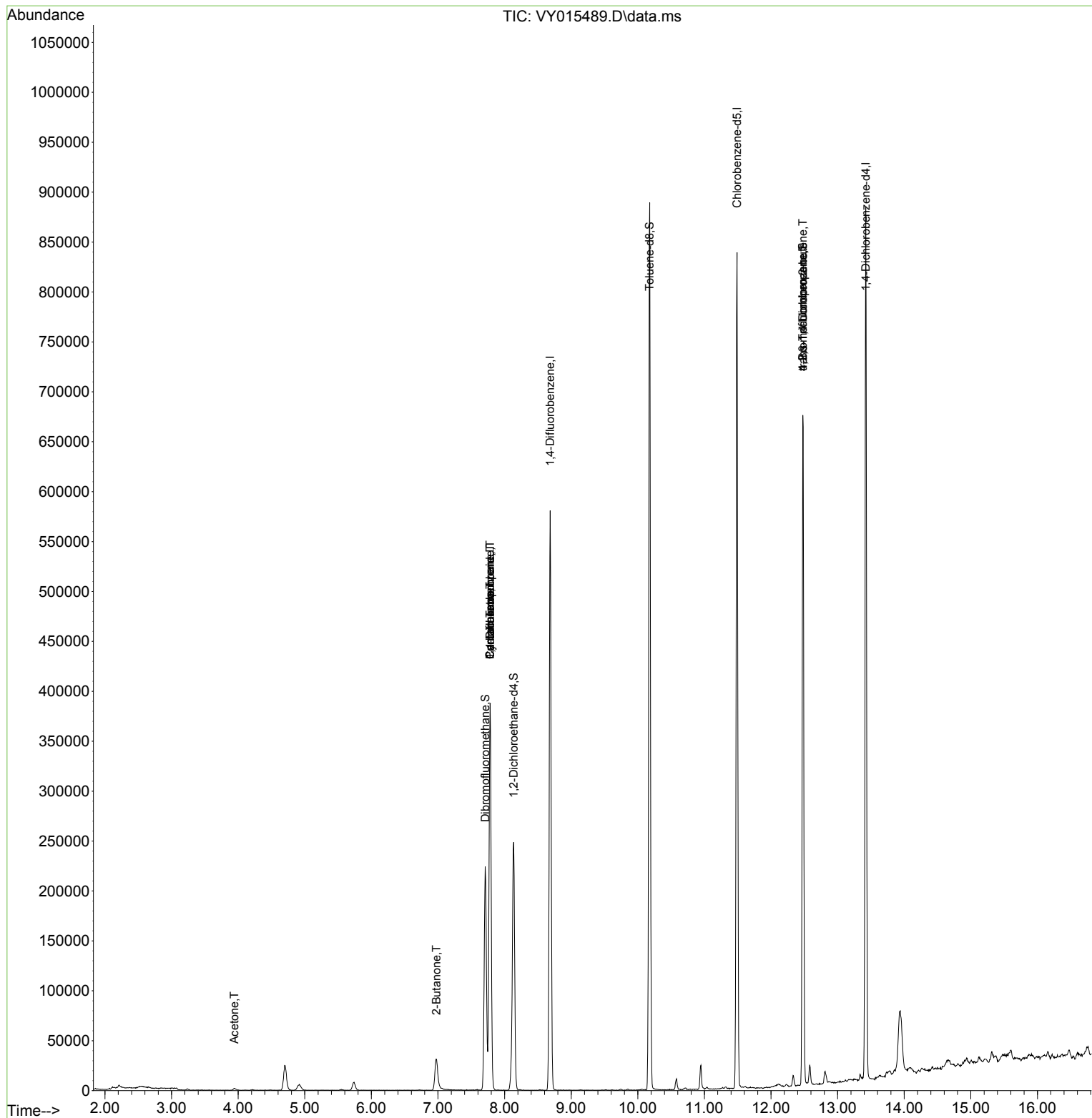
Internal Standards						
1) Pentafluorobenzene	7.783	168	302868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	494493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	452779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	222552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	190425	58.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.300%	
35) Dibromofluoromethane	7.709	113	157026	55.132	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.260%	
50) Toluene-d8	10.179	98	579998	56.232	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.460%	
62) 4-Bromofluorobenzene	12.477	95	207639	54.227	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	6444	Below Cal	#	90
16) Acetone	3.942	43	3503	2.585	ug/l	97
20) Methylene Chloride	4.698	84	18721	Below Cal		91
25) 2-Butanone	6.978	43	2291	1.192	ug/l	92
31) Cyclohexane	7.783	56	6012	1.042	ug/l #	6
36) 1,1-Dichloropropene	7.783	75	23286	4.656	ug/l #	50
38) Carbon Tetrachloride	7.783	117	29428	5.697	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	111120	37.652	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	111120	83.055	ug/l #	11

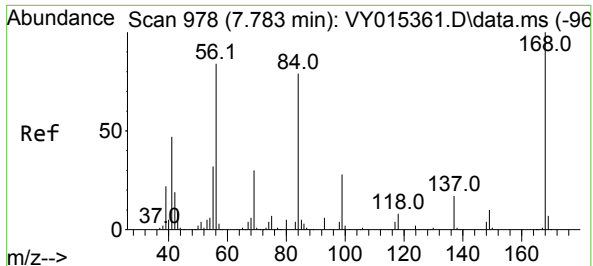
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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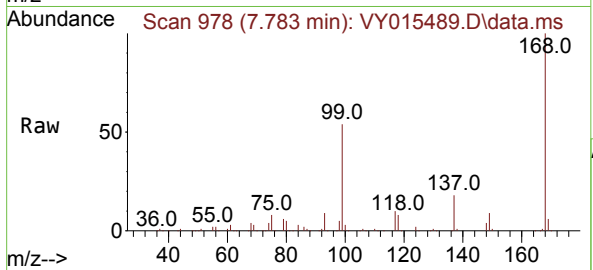
Quant Time: Sep 12 01:19:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



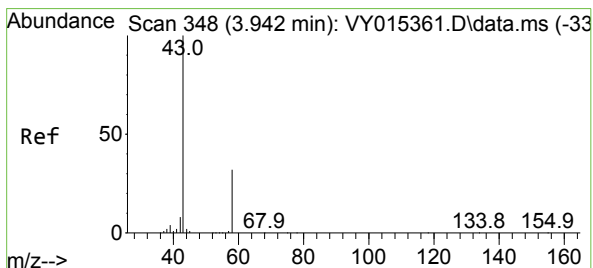
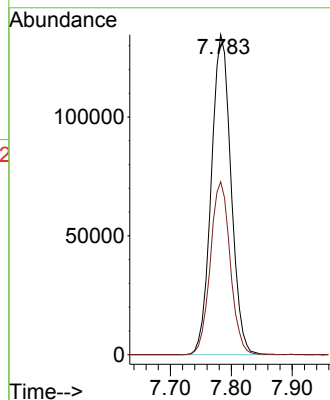
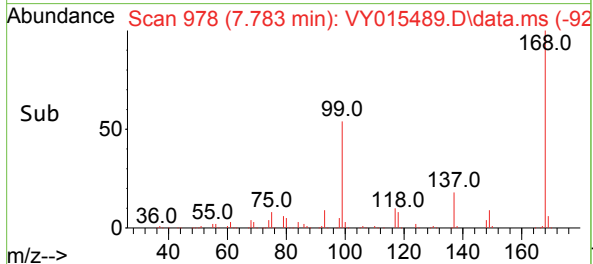


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015489.D
Acq: 11 Sep 2023 16:04

Instrument :
MSVOA_Y
ClientSampleId :

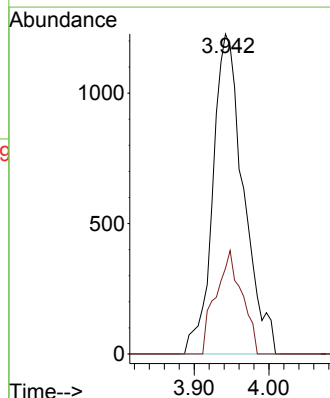
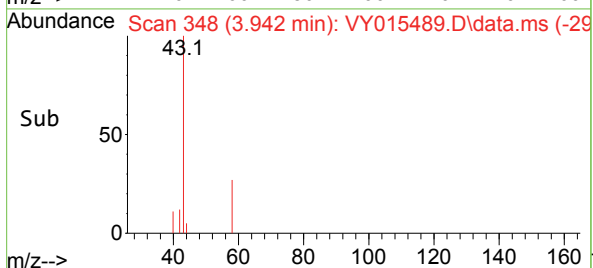
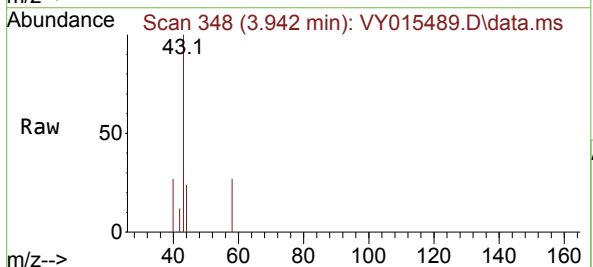


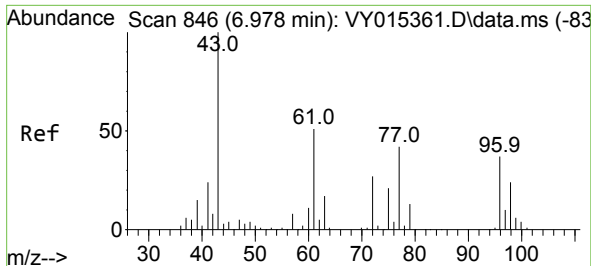
Tgt Ion:168 Resp: 302868
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#16
Acetone
Concen: 2.585 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015489.D
Acq: 11 Sep 2023 16:04

Tgt Ion: 43 Resp: 3503
Ion Ratio Lower Upper
43 100
58 26.7 22.7 34.1





#25

2-Butanone

Concen: 1.192 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

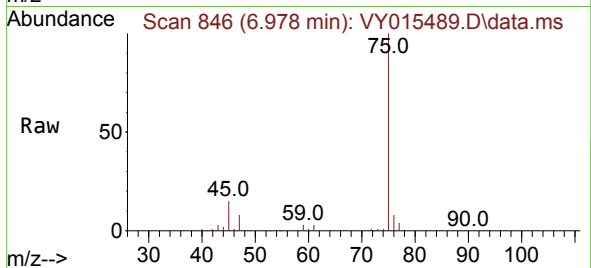
Lab File: VY015489.D

Acq: 11 Sep 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

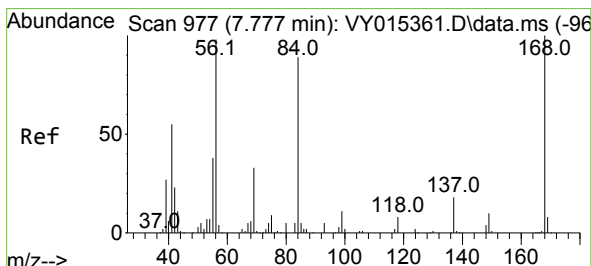
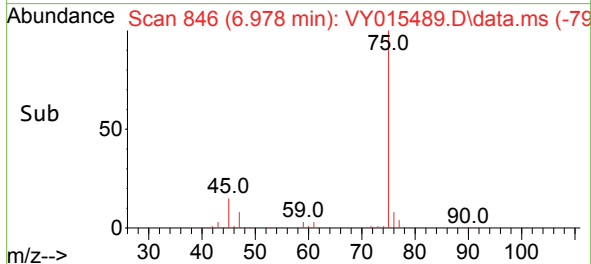
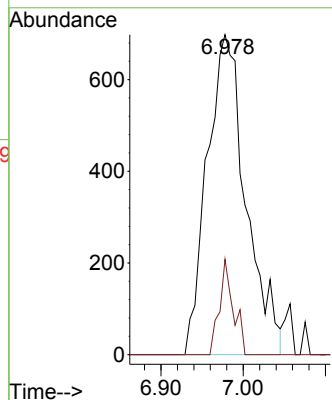


Tgt Ion: 43 Resp: 2291

Ion Ratio Lower Upper

43 100

72 29.8 20.5 30.7



#31

Cyclohexane

Concen: 1.042 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY015489.D

Acq: 11 Sep 2023 16:04

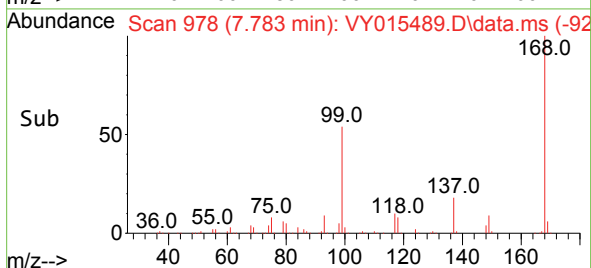
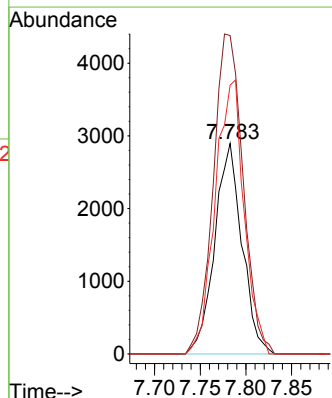
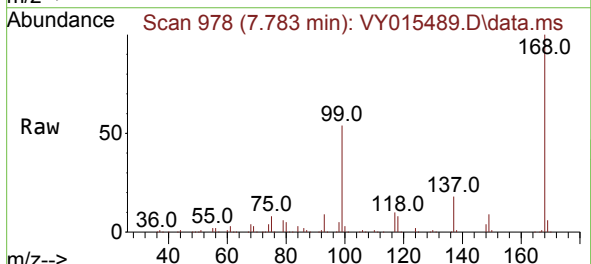
Tgt Ion: 56 Resp: 6012

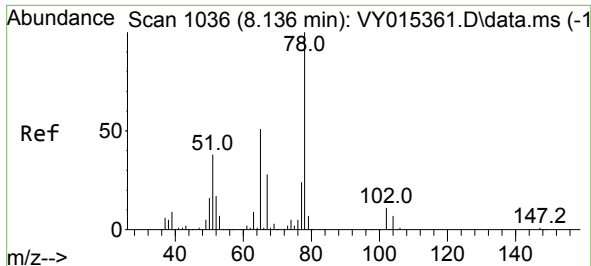
Ion Ratio Lower Upper

56 100

69 151.2 27.8 41.6#

84 127.7 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 58.652 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015489.D

Acq: 11 Sep 2023 16:04

Instrument :

MSVOA_Y

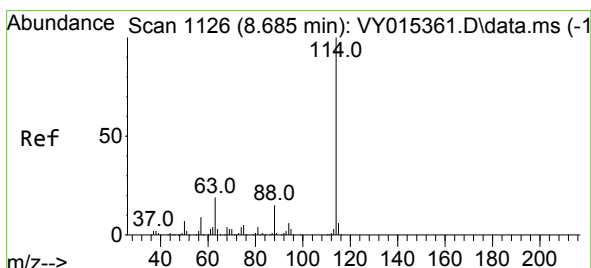
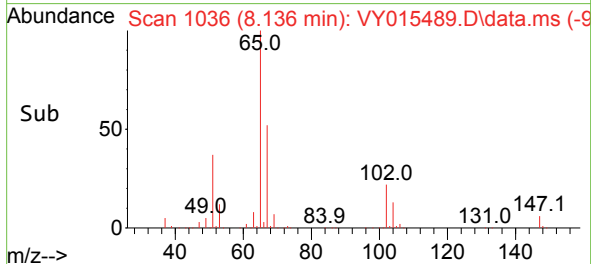
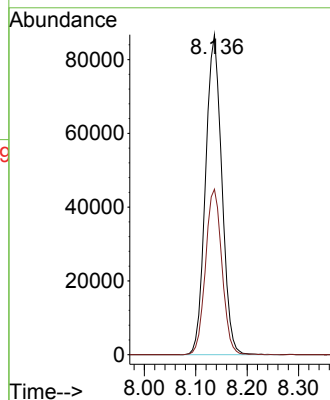
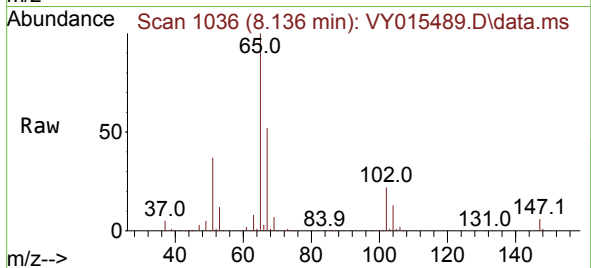
ClientSampleId :

Tgt Ion: 65 Resp: 190425

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015489.D

Acq: 11 Sep 2023 16:04

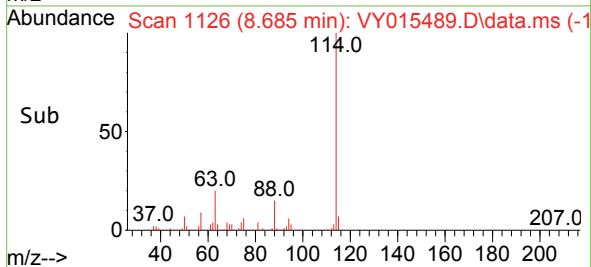
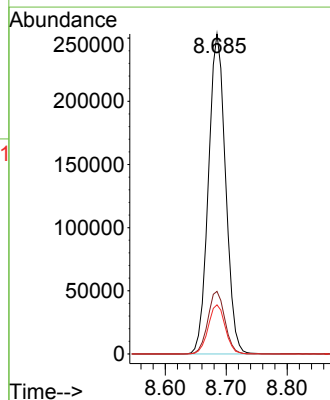
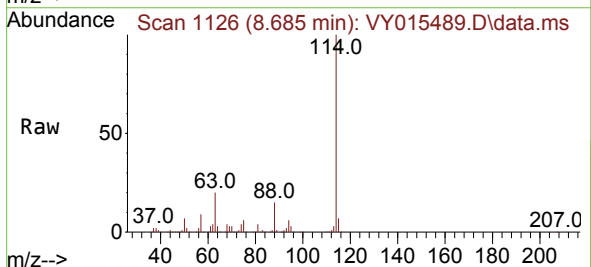
Tgt Ion:114 Resp: 494493

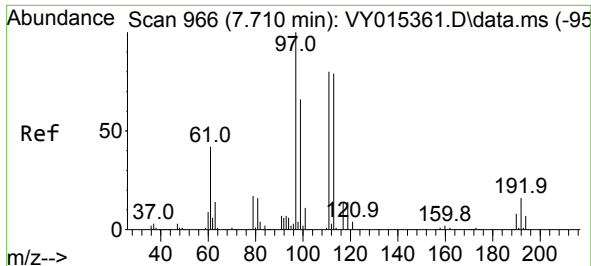
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

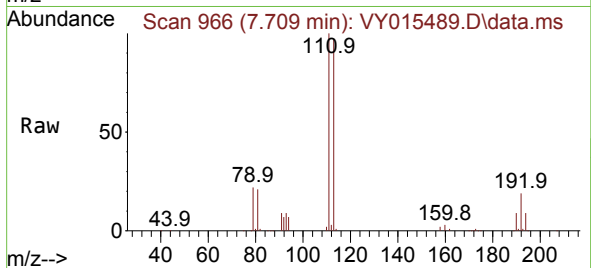
88 15.4 0.0 30.6



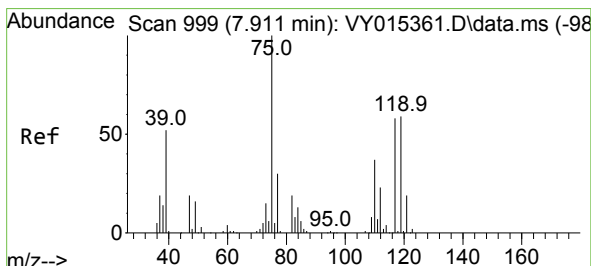
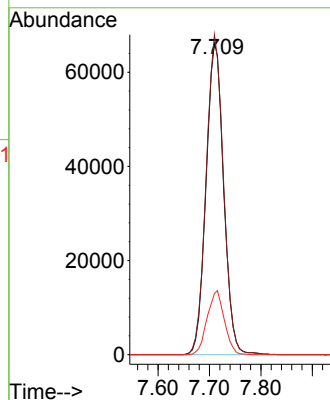
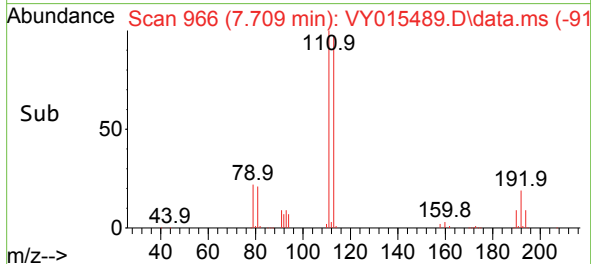


#35
Dibromofluoromethane
Concen: 55.132 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015489.D
Acq: 11 Sep 2023 16:04

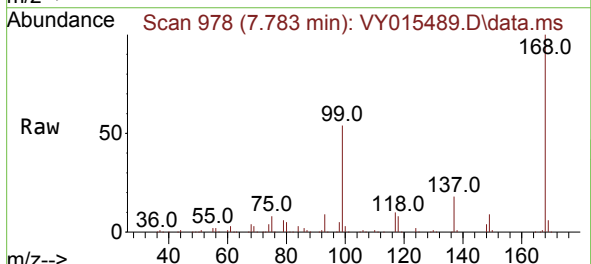
Instrument :
MSVOA_Y
ClientSampleId :



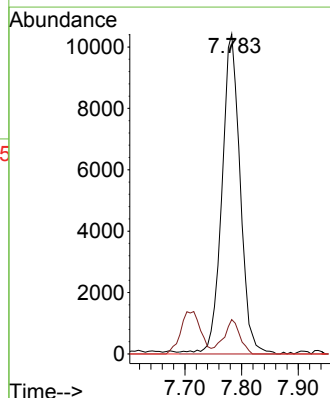
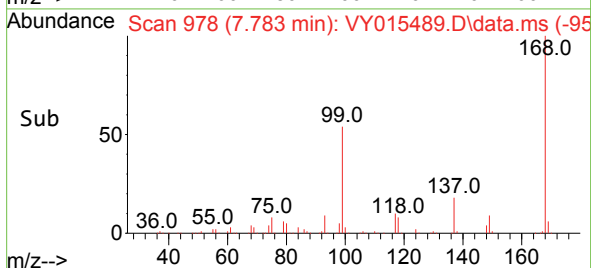
Tgt Ion:113 Resp: 157026
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 20.1 16.9 25.3

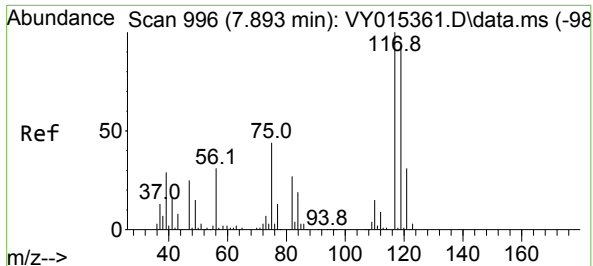


#36
1,1-Dichloropropene
Concen: 4.656 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015489.D
Acq: 11 Sep 2023 16:04



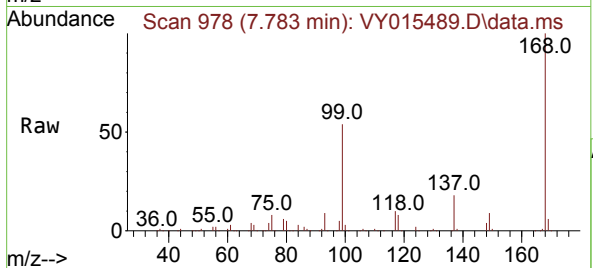
Tgt Ion: 75 Resp: 23286
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#



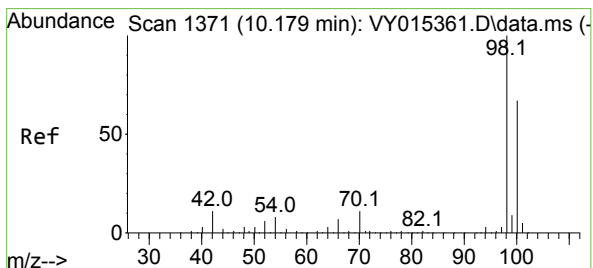
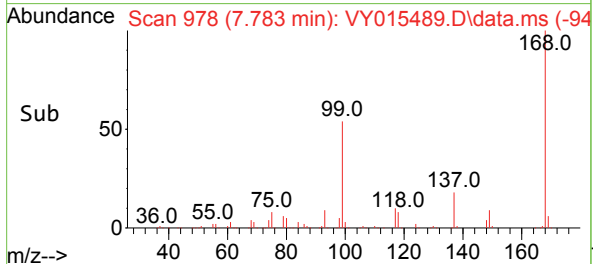
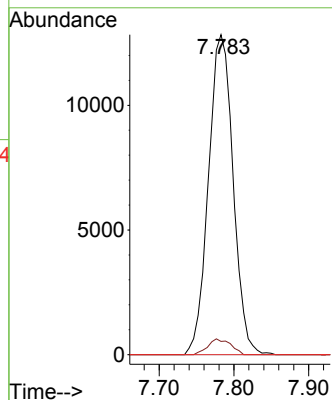


#38
Carbon Tetrachloride
Concen: 5.697 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015489.D
Acq: 11 Sep 2023 16:04

Instrument :
MSVOA_Y
ClientSampleId :

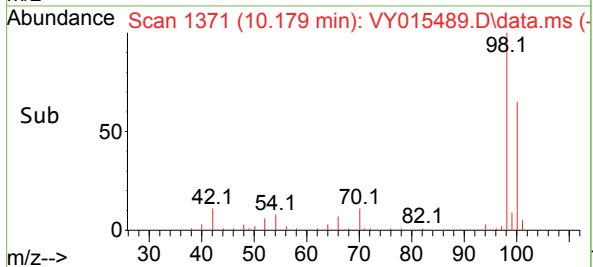
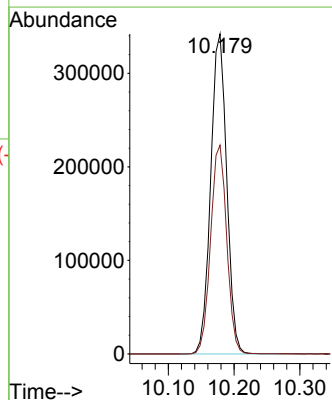
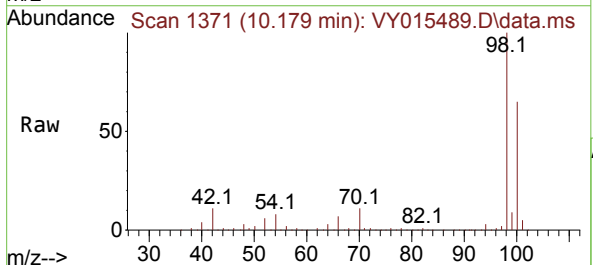


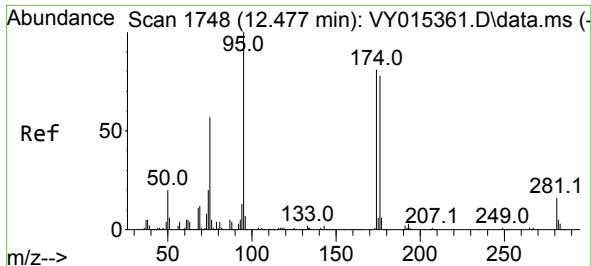
Tgt Ion:117 Resp: 29428
Ion Ratio Lower Upper
117 100
119 4.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.232 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015489.D
Acq: 11 Sep 2023 16:04

Tgt Ion: 98 Resp: 579998
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

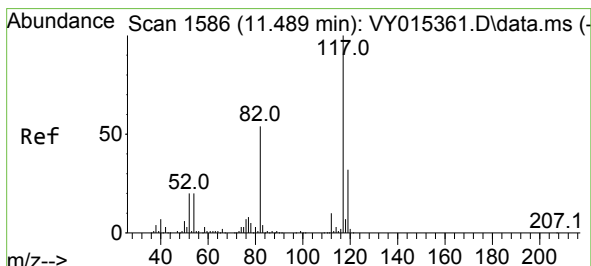
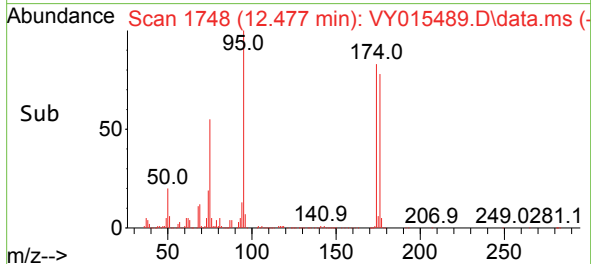
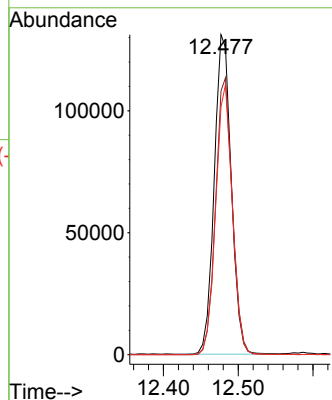
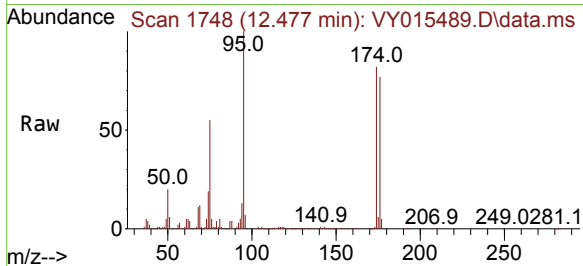




#62
4-Bromofluorobenzene
Concen: 54.227 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015489.D
Acq: 11 Sep 2023 16:04

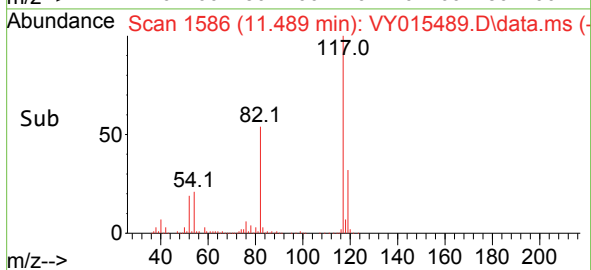
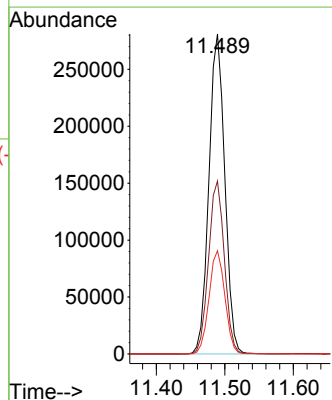
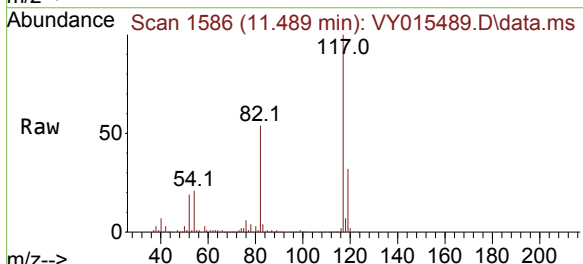
Instrument :
MSVOA_Y
ClientSampleId :

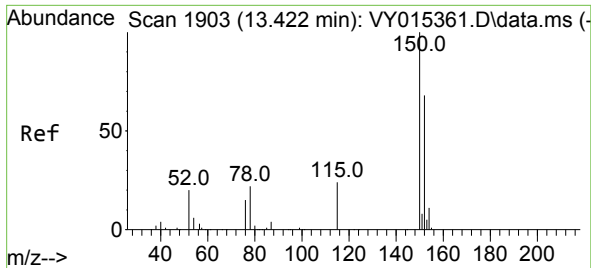
Tgt Ion: 95 Resp: 207639
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015489.D
Acq: 11 Sep 2023 16:04

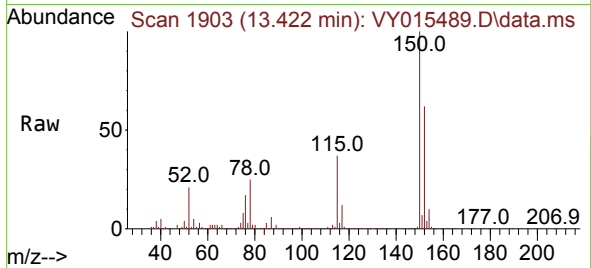
Tgt Ion: 117 Resp: 452779
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 32.2 26.3 39.5



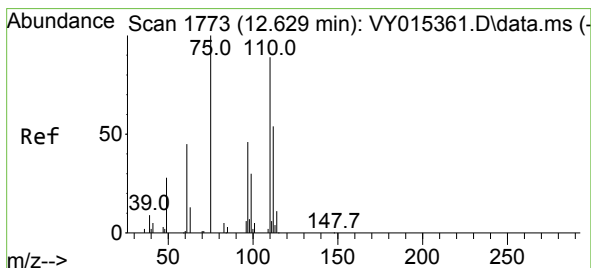
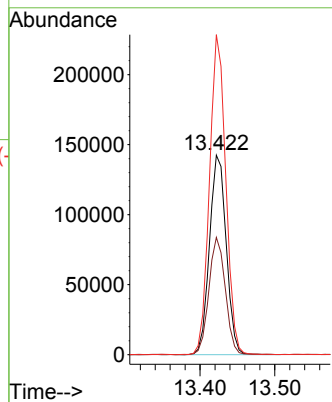
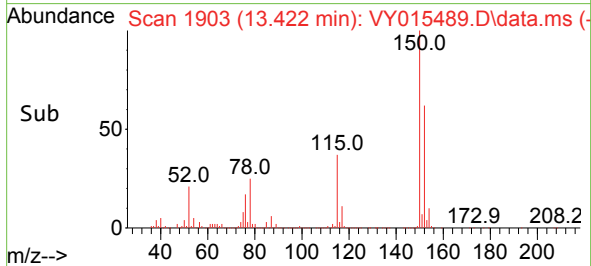


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015489.D
 Acq: 11 Sep 2023 16:04

Instrument :
 MSVOA_Y
 ClientSampleId :

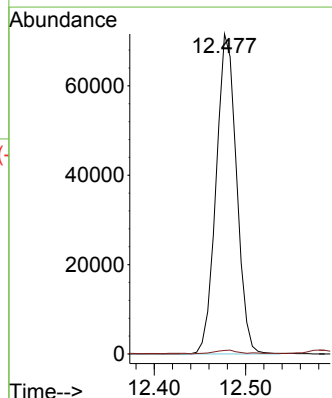
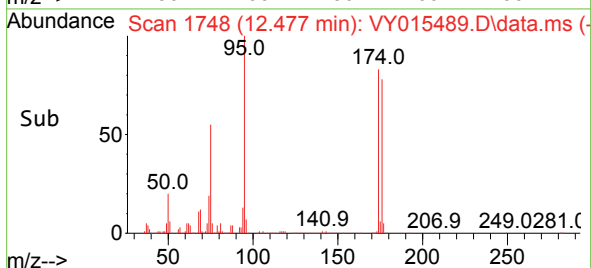
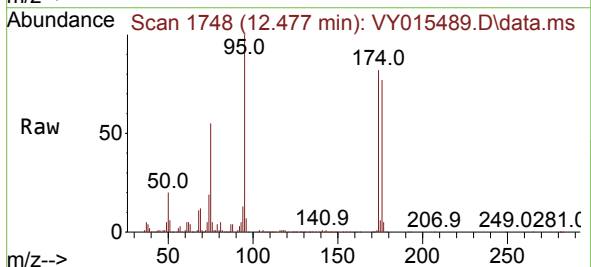


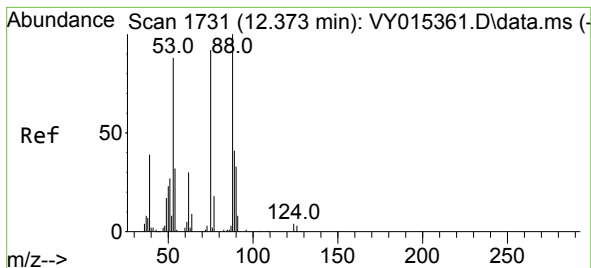
Tgt Ion:152 Resp: 222552
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.8 86.5
 150 155.7 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 37.652 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY015489.D
 Acq: 11 Sep 2023 16:04

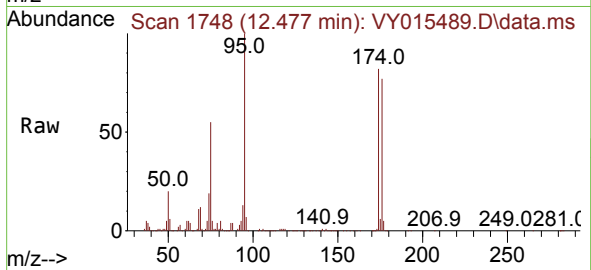
Tgt Ion: 75 Resp: 111120
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.055 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY015489.D
 Acq: 11 Sep 2023 16:04

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 111120
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.8 116.8#
 89 0.0 37.4 56.0#

