

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY016004.D
 Acq On : 17 Oct 2023 15:11
 Operator : SY/MD
 Sample : 04908-01
 Misc : 4.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 06:08:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

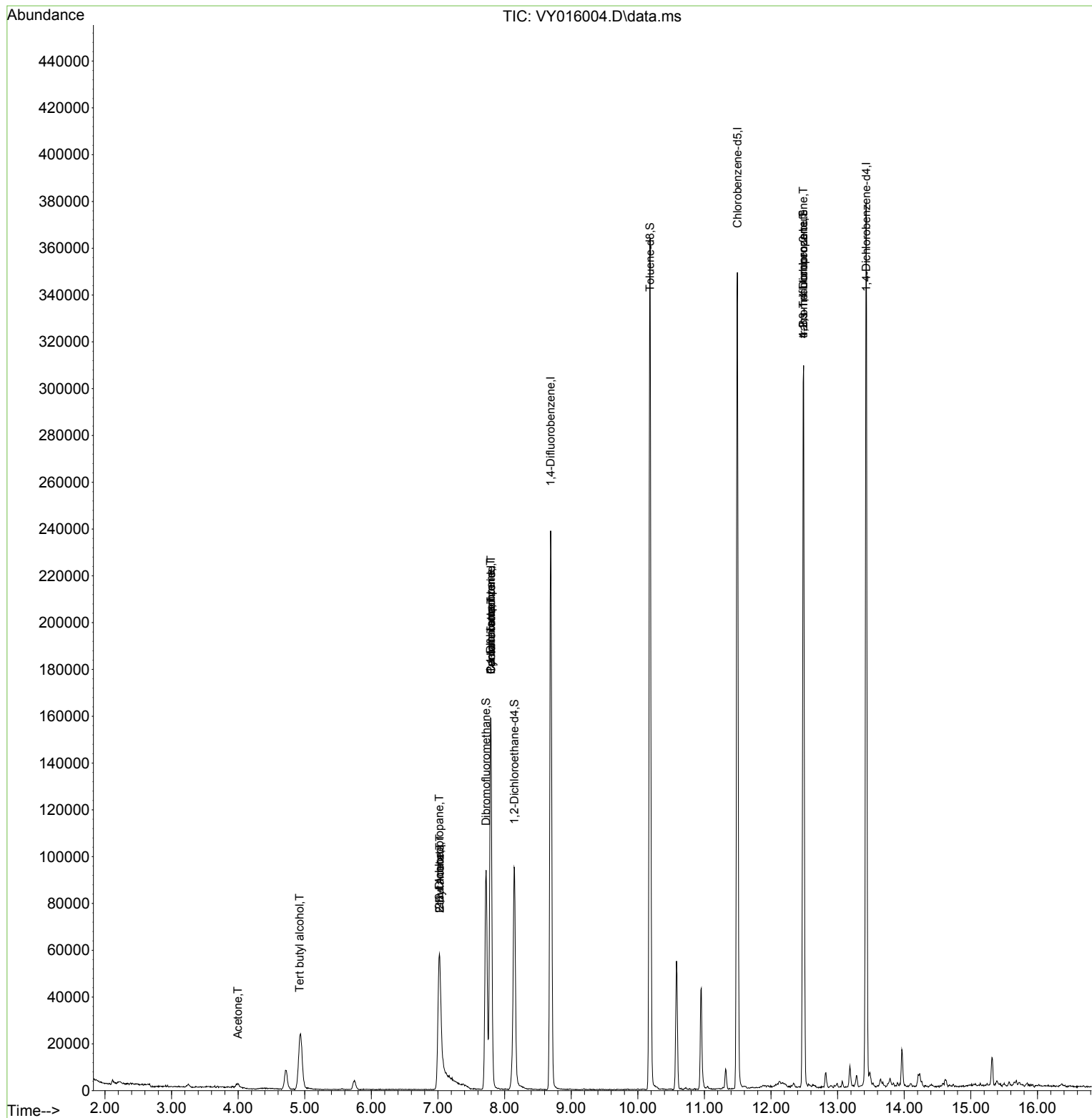
Internal Standards						
1) Pentafluorobenzene	7.795	168	128228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	199517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	75783	51.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.560%	
35) Dibromofluoromethane	7.722	113	69897	51.834	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.660%	
50) Toluene-d8	10.185	98	251404	49.784	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.560%	
62) 4-Bromofluorobenzene	12.483	95	85740	47.681	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.360%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	717	Below Cal	#	83
11) Tert butyl alcohol	4.923	59	22757	26.803	ug/l #	90
16) Acetone	3.997	43	5169	6.080	ug/l #	72
20) Methylene Chloride	4.722	84	6443	Below Cal		86
25) 2-Butanone	7.027	43	4482	3.623	ug/l #	80
26) 2,2-Dichloropropane	7.020	77	5362	2.594	ug/l #	54
31) Cyclohexane	7.795	56	2492	1.070	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9394	4.617	ug/l #	51
37) Ethyl Acetate	7.027	43	4482	1.428	ug/l #	1
38) Carbon Tetrachloride	7.795	117	12523	5.844	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	44244	23.075	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44244	54.358	ug/l #	11

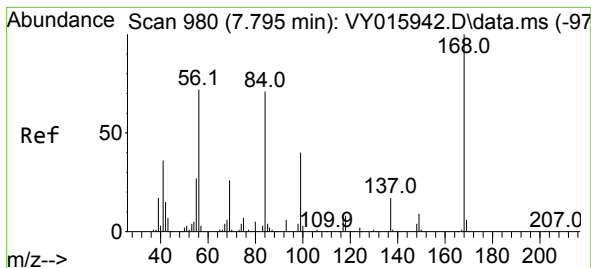
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 99

Delta R.T. -0.000 min

Lab File: VY016004.D

Acq: 17 Oct 2023 15:11

Instrument :

MSVOA_Y

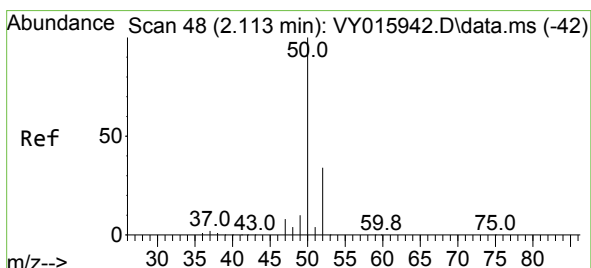
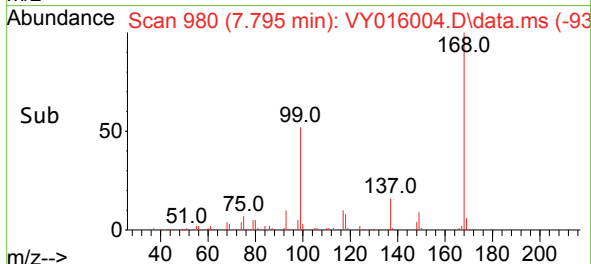
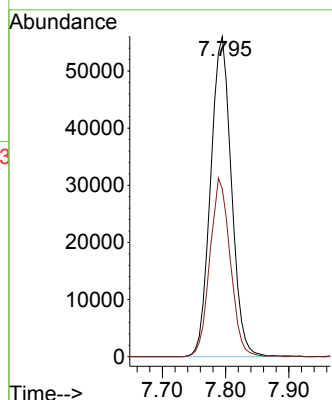
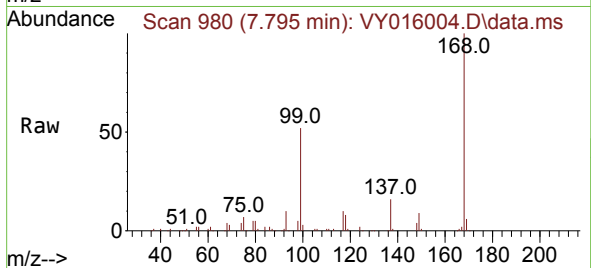
ClientSampleId :

Tgt Ion:168 Resp: 128228

Ion Ratio Lower Upper

168 100

99 52.4 43.4 65.0



#3

Chloromethane

Concen: Below Cal

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY016004.D

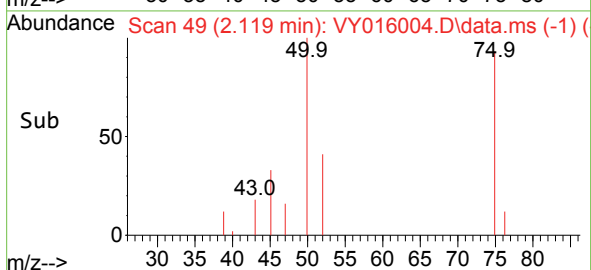
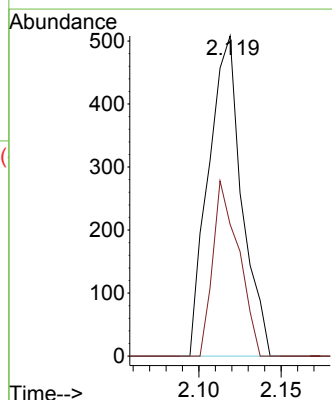
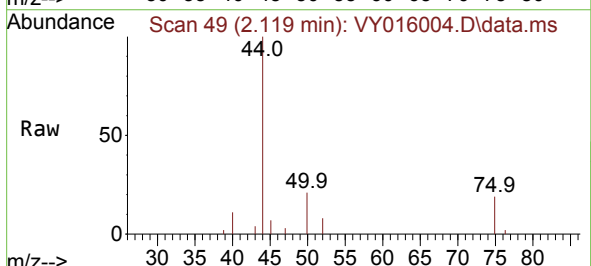
Acq: 17 Oct 2023 15:11

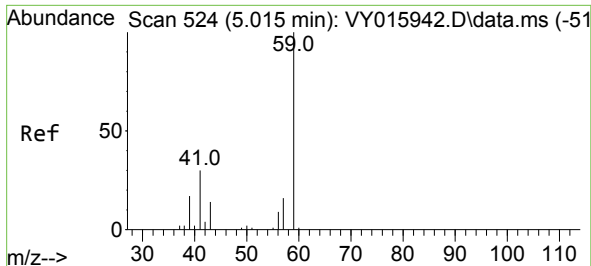
Tgt Ion: 50 Resp: 717

Ion Ratio Lower Upper

50 100

52 41.1 25.4 38.2#





#11

Tert butyl alcohol

Concen: 26.803 ug/l

RT: 4.923 min Scan# 509

Delta R.T. -0.092 min

Lab File: VY016004.D

Acq: 17 Oct 2023 15:11

Instrument :

MSVOA_Y

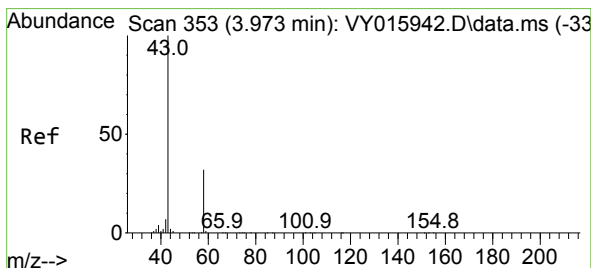
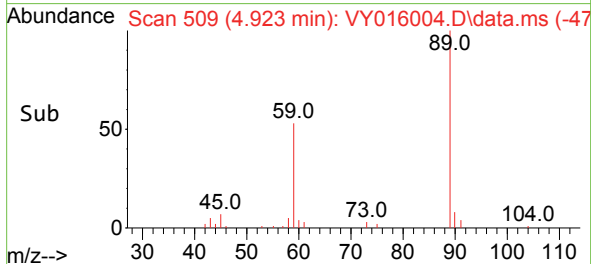
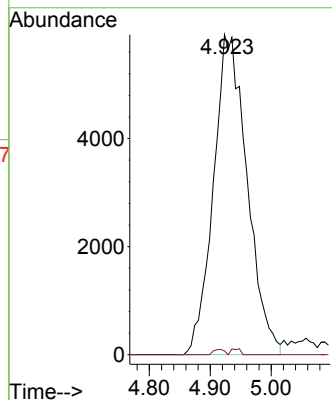
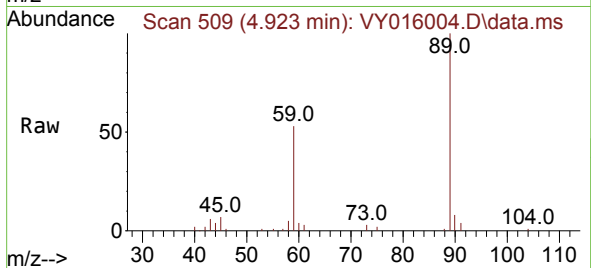
ClientSampleId :

Tgt Ion: 59 Resp: 22757

Ion Ratio Lower Upper

59 100

57 0.5 3.0 4.4#



#16

Acetone

Concen: 6.080 ug/l

RT: 3.997 min Scan# 357

Delta R.T. 0.024 min

Lab File: VY016004.D

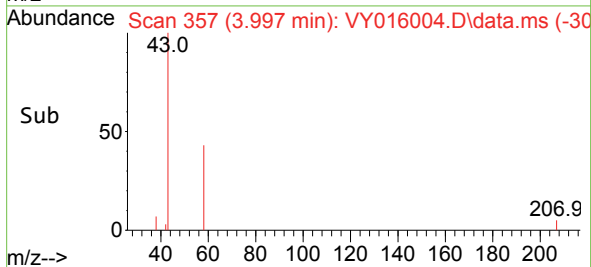
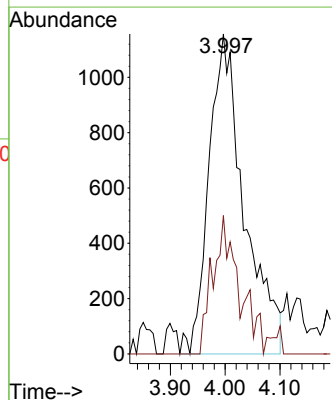
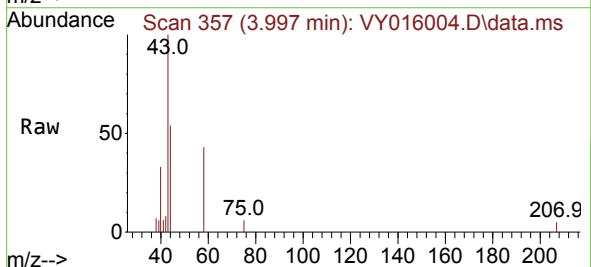
Acq: 17 Oct 2023 15:11

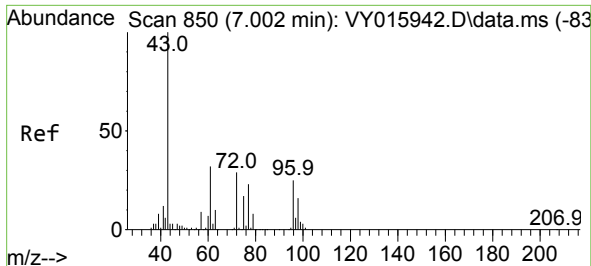
Tgt Ion: 43 Resp: 5169

Ion Ratio Lower Upper

43 100

58 43.2 22.7 34.1#

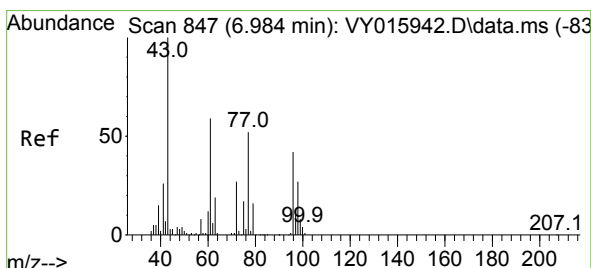
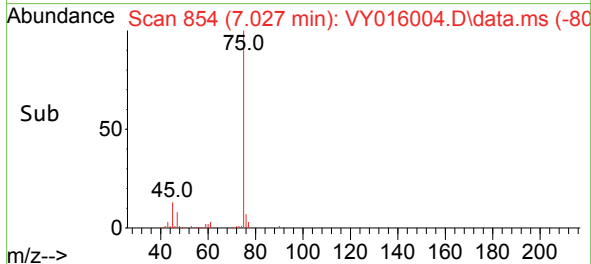
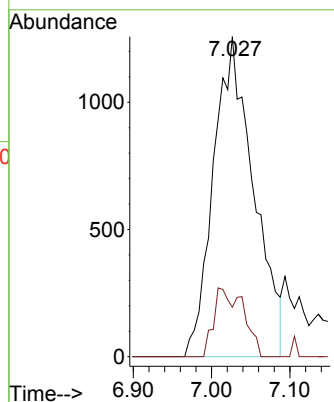
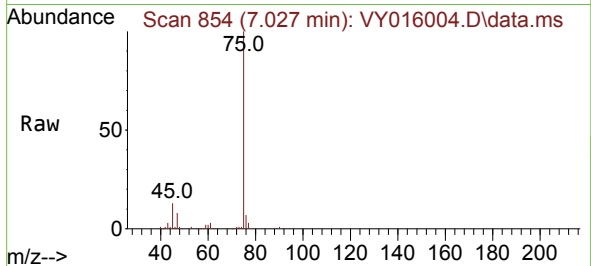




#25
2-Butanone
Concen: 3.623 ug/l
RT: 7.027 min Scan# 81
Delta R.T. 0.024 min
Lab File: VY016004.D
Acq: 17 Oct 2023 15:11

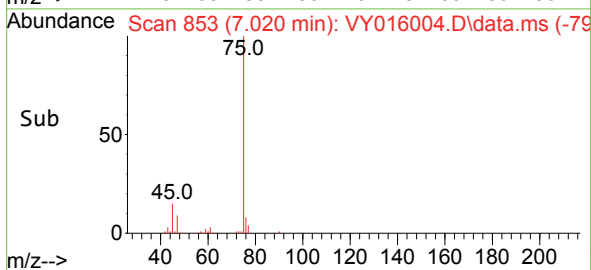
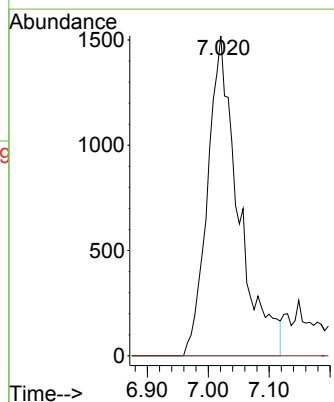
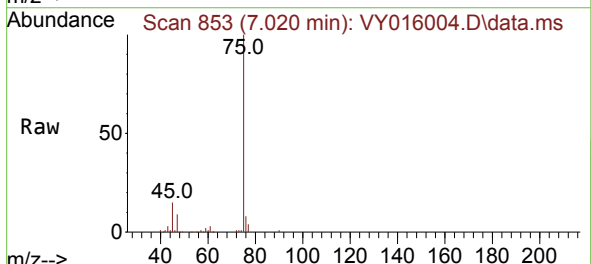
Instrument :
MSVOA_Y
ClientSampleId :

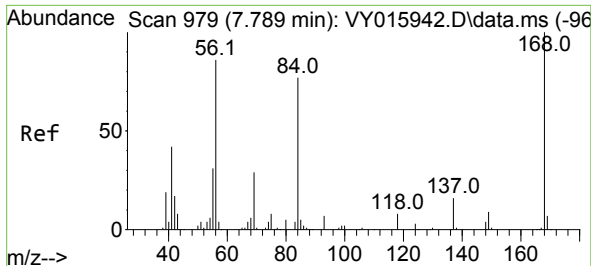
Tgt Ion: 43 Resp: 4482
Ion Ratio Lower Upper
43 100
72 15.4 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 2.594 ug/l
RT: 7.020 min Scan# 853
Delta R.T. 0.036 min
Lab File: VY016004.D
Acq: 17 Oct 2023 15:11

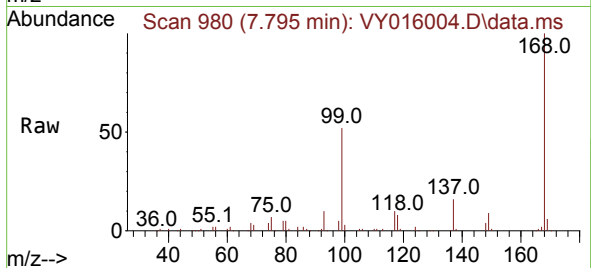
Tgt Ion: 77 Resp: 5362
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



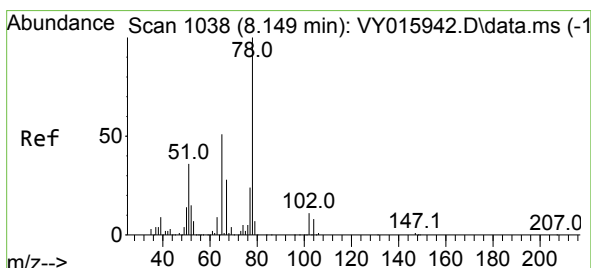
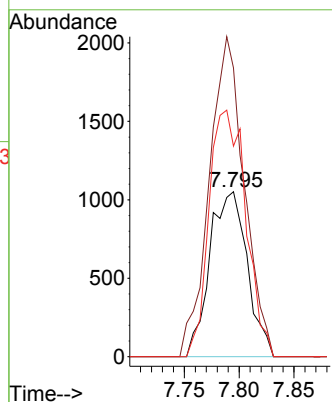
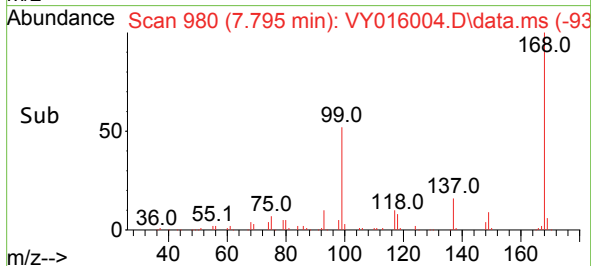


#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY016004.D
Acq: 17 Oct 2023 15:11

Instrument :
MSVOA_Y
ClientSampleId :

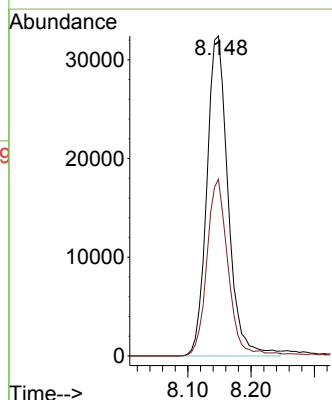
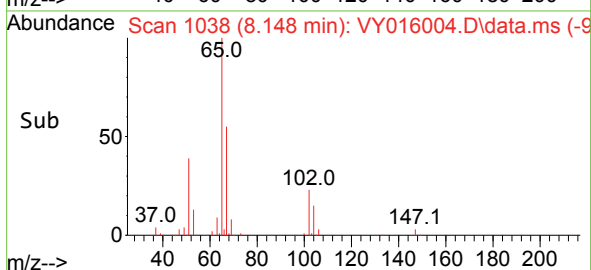
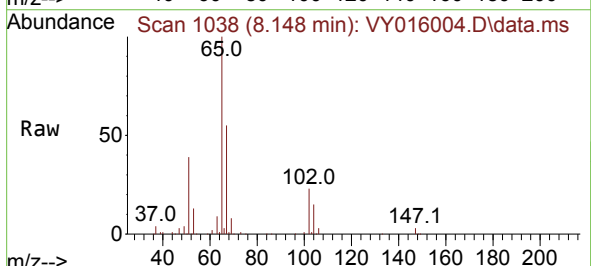


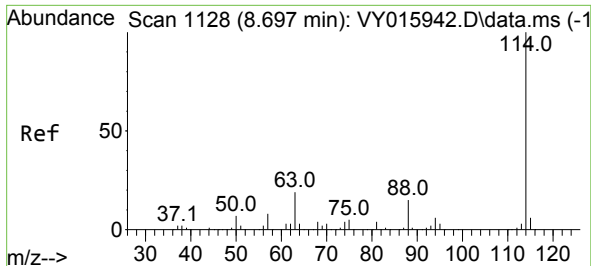
Tgt Ion: 56 Resp: 2492
Ion Ratio Lower Upper
56 100
69 175.0 27.8 41.6#
84 127.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 51.784 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016004.D
Acq: 17 Oct 2023 15:11

Tgt Ion: 65 Resp: 75783
Ion Ratio Lower Upper
65 100
67 55.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY016004.D

Acq: 17 Oct 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

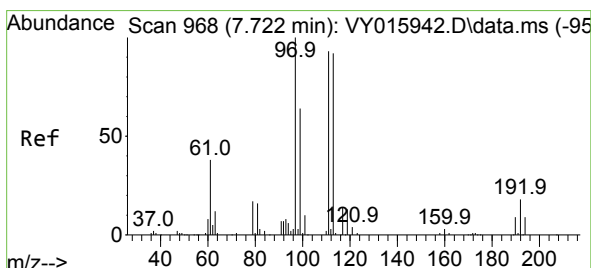
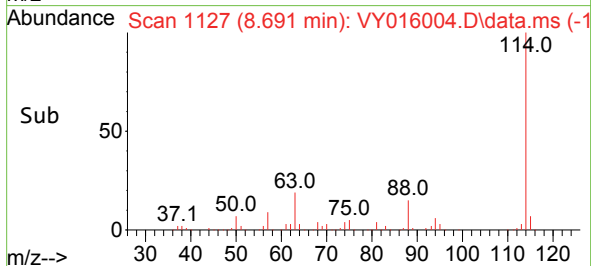
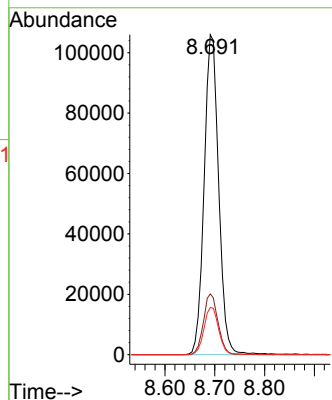
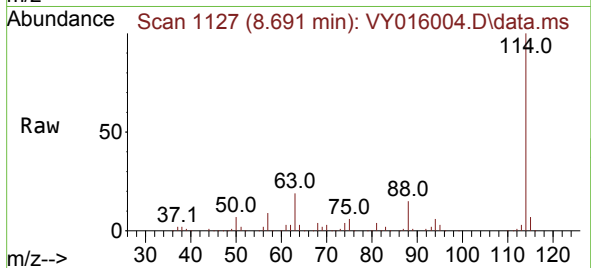
Tgt Ion:114 Resp: 214194

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.834 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY016004.D

Acq: 17 Oct 2023 15:11

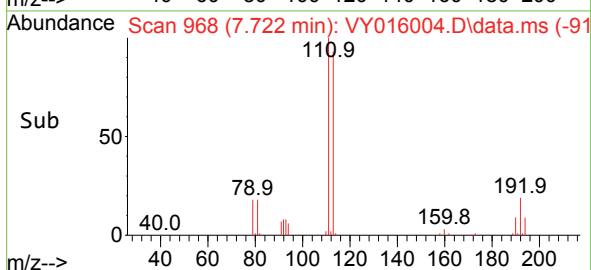
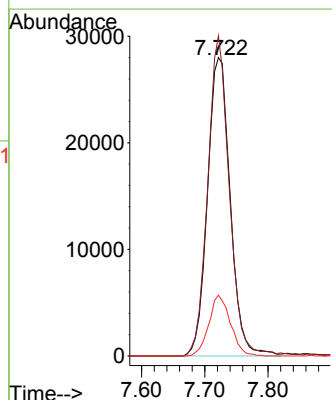
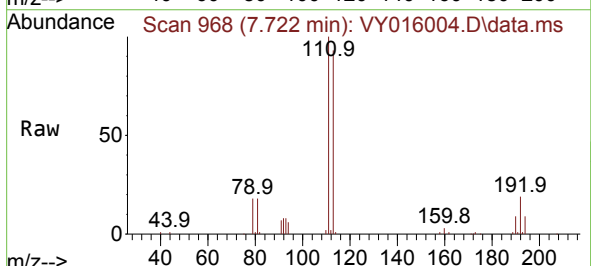
Tgt Ion:113 Resp: 69897

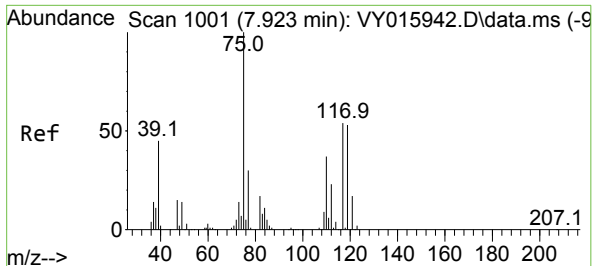
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 19.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.617 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

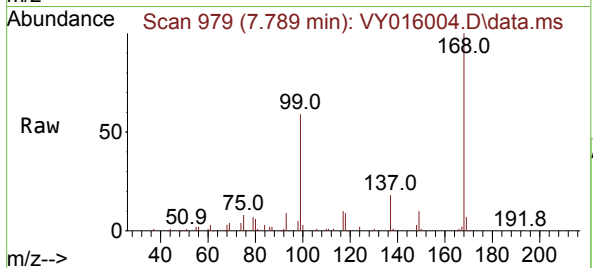
Lab File: VY016004.D

Acq: 17 Oct 2023 15:11

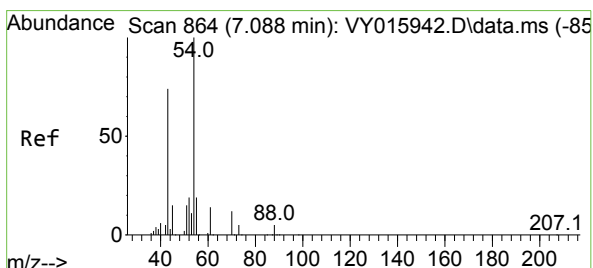
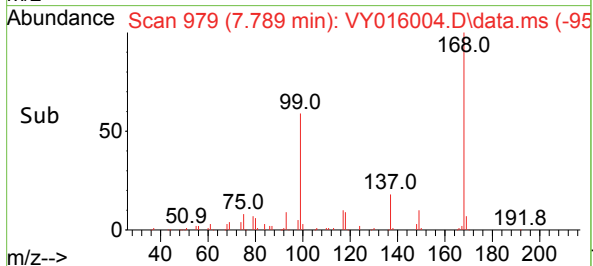
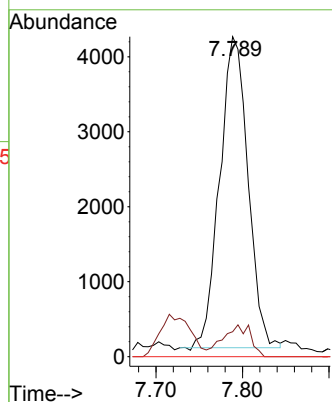
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 9394
Ion Ratio	Lower Upper
75	100
110	10.0 17.8 53.5#
77	0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.428 ug/l

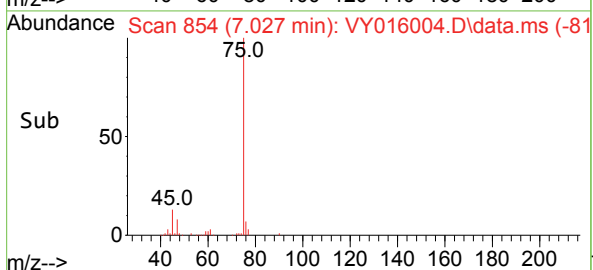
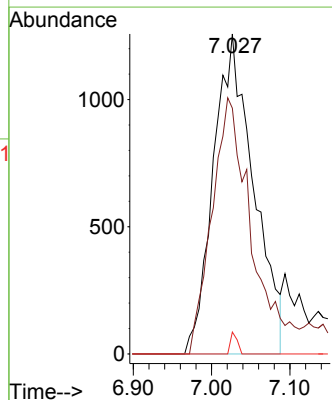
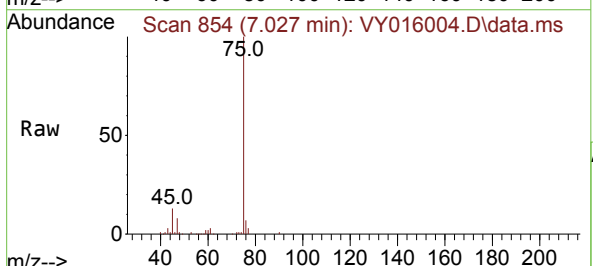
RT: 7.027 min Scan# 854

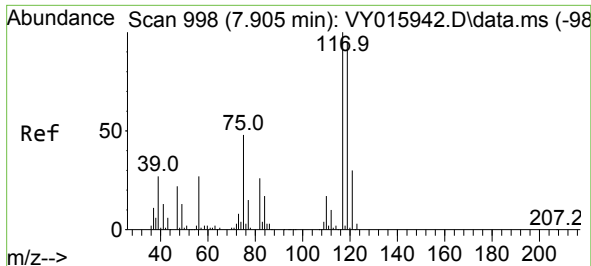
Delta R.T. -0.061 min

Lab File: VY016004.D

Acq: 17 Oct 2023 15:11

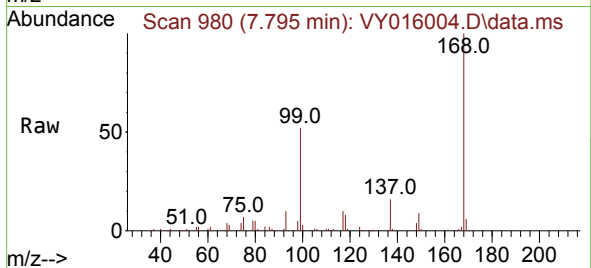
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Ion Ratio	Lower Upper
43	100
61	79.1 10.1 15.1#
70	1.2 7.1 10.7#



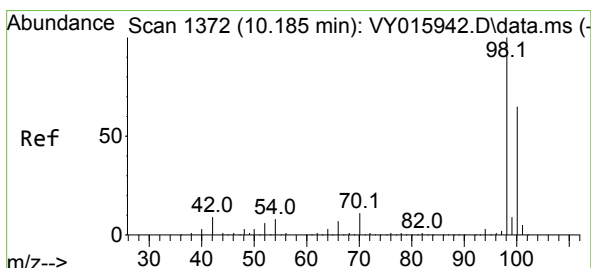
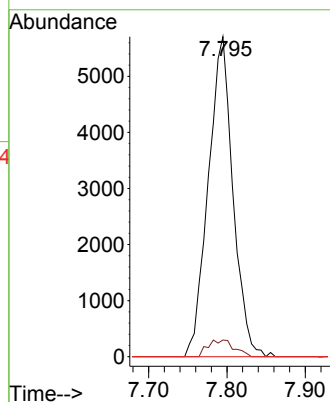
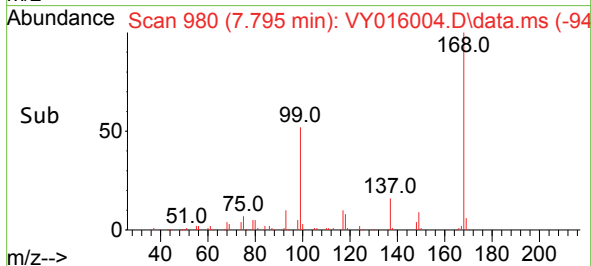


#38
Carbon Tetrachloride
Concen: 5.844 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016004.D
Acq: 17 Oct 2023 15:11

Instrument :
MSVOA_Y
ClientSampleId :

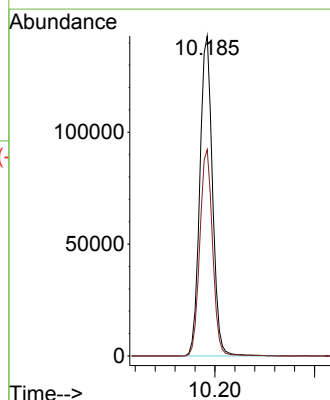
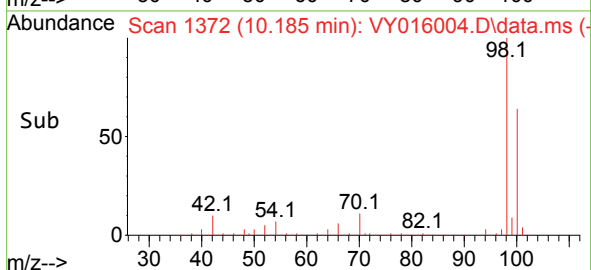
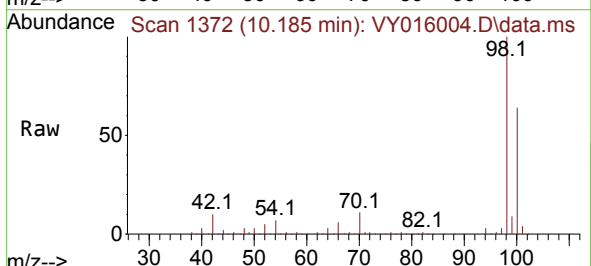


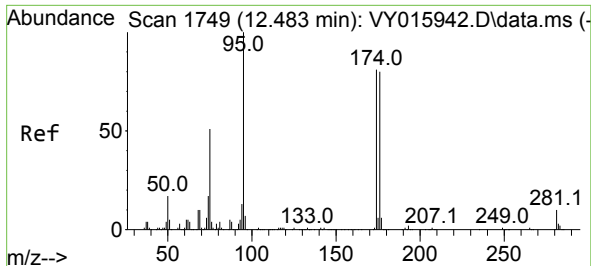
Tgt Ion:117 Resp: 12523
Ion Ratio Lower Upper
117 100
119 5.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.784 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY016004.D
Acq: 17 Oct 2023 15:11

Tgt Ion: 98 Resp: 251404
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

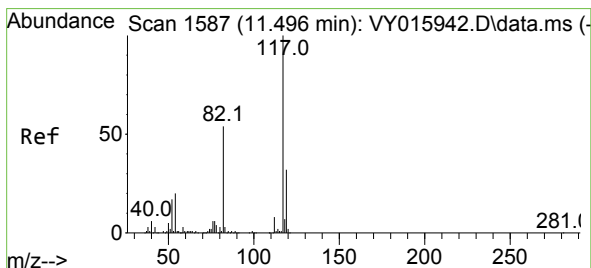
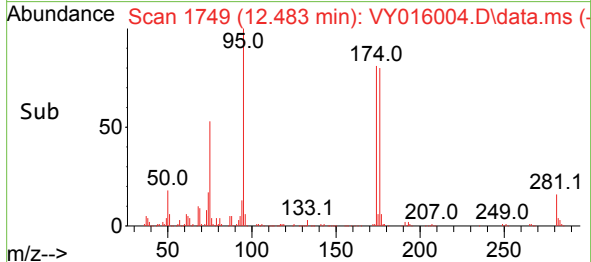
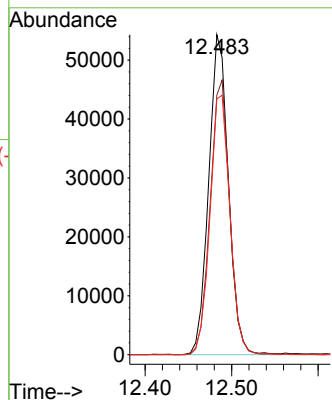
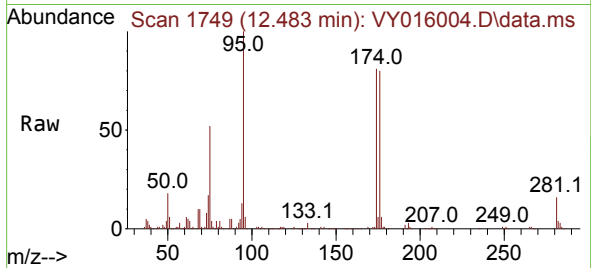




#62
4-Bromofluorobenzene
Concen: 47.681 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016004.D
Acq: 17 Oct 2023 15:11

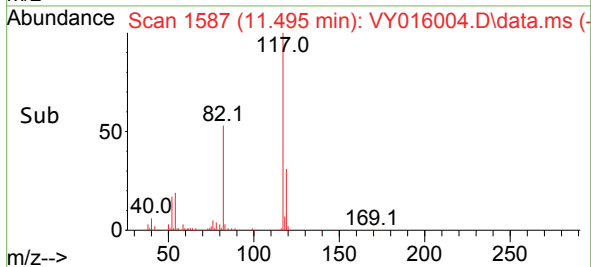
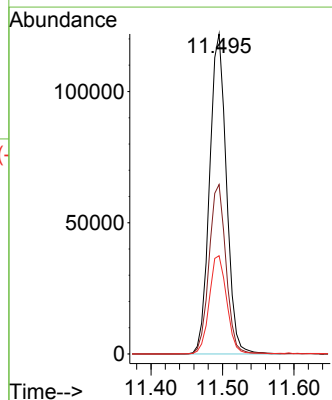
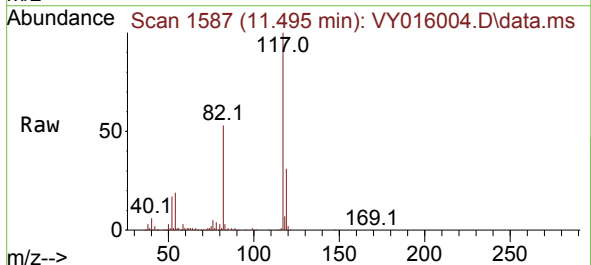
Instrument :
MSVOA_Y
ClientSampleId :

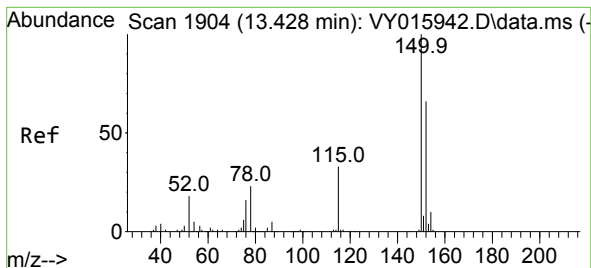
Tgt Ion: 95 Resp: 85740
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 82.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY016004.D
Acq: 17 Oct 2023 15:11

Tgt Ion: 117 Resp: 199517
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 30.7 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

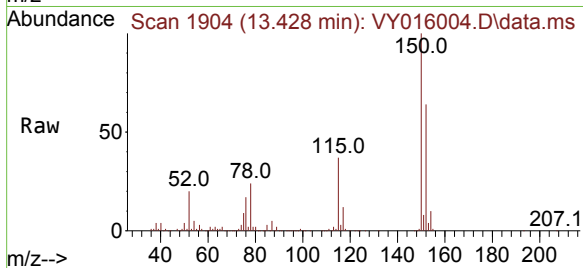
Lab File: VY016004.D

Acq: 17 Oct 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :



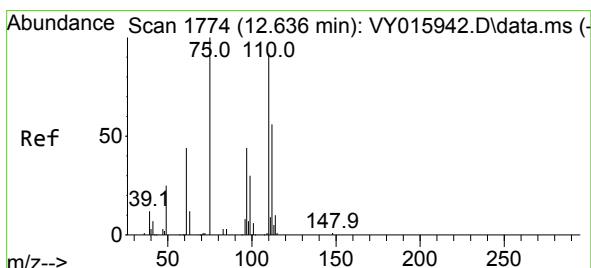
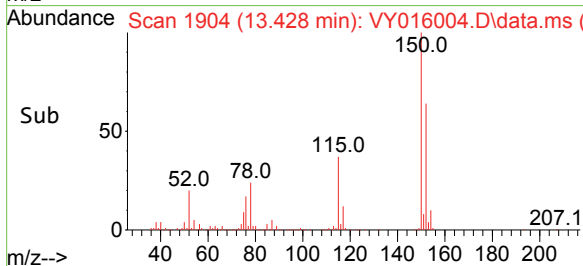
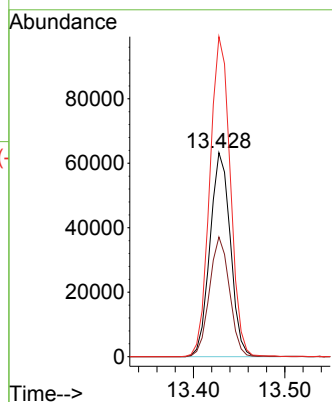
Tgt Ion:152 Resp: 97974

Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 157.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 23.075 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY016004.D

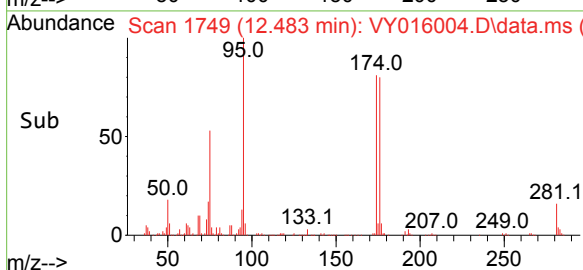
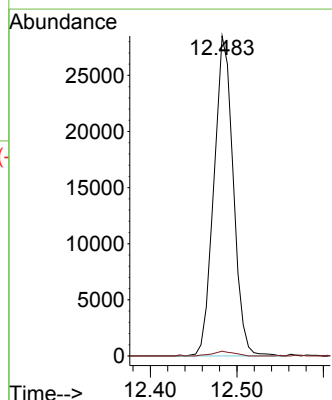
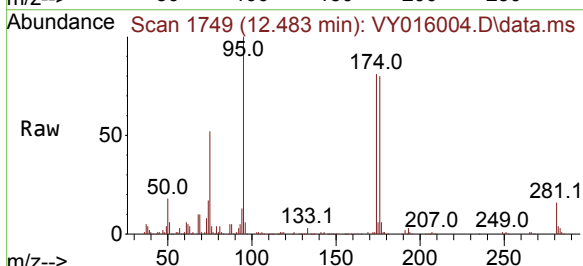
Acq: 17 Oct 2023 15:11

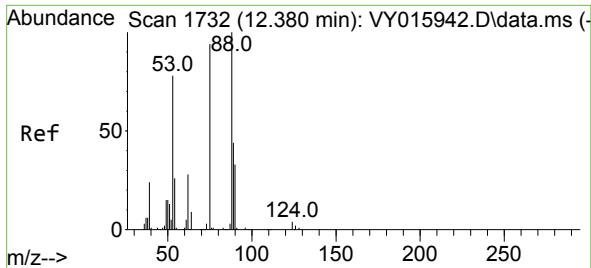
Tgt Ion: 75 Resp: 44244

Ion Ratio Lower Upper

75 100

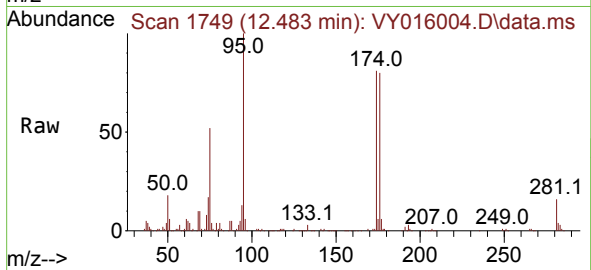
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 54.358 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY016004.D
Acq: 17 Oct 2023 15:11

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	77.8	116.8#
89	0.4	37.4	56.0#

