

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016203.D
 Acq On : 03 Nov 2023 09:51
 Operator : SY/MD
 Sample : VY1103SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 22:58:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

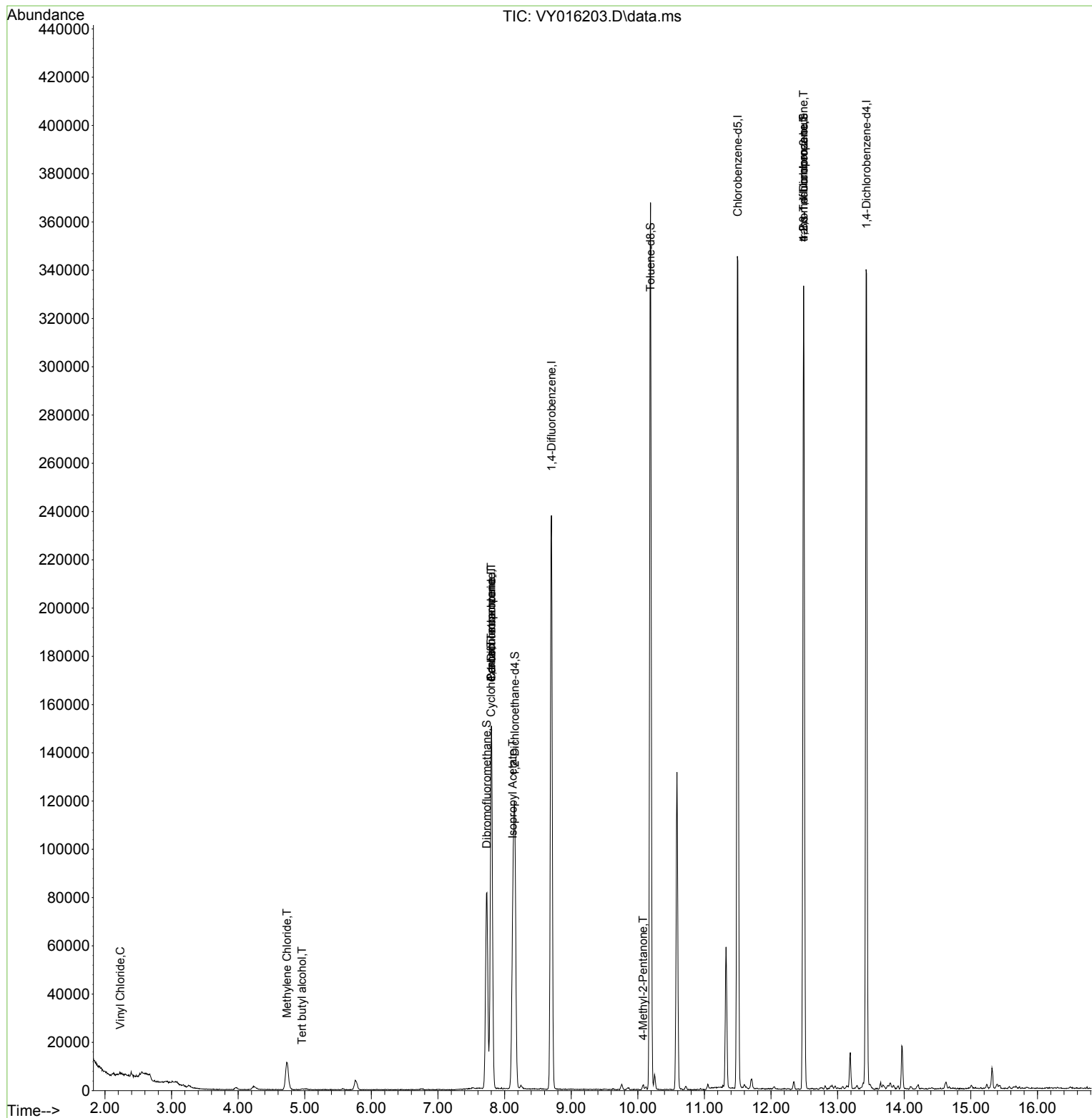
Internal Standards						
1) Pentafluorobenzene	7.801	168	119519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	209505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	196913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	90829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	67724	60.556	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.120%
35) Dibromofluoromethane	7.734	113	58940	47.189	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.380%
50) Toluene-d8	10.191	98	245698	49.615	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.489	95	85767	50.649	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.300%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.229	62	1185	1.088	ug/l #	44
11) Tert butyl alcohol	4.960	59	626	7.492	ug/l #	89
16) Acetone	3.979	43	1658	Below Cal	#	87
20) Methylene Chloride	4.735	84	8805	4.999	ug/l	91
31) Cyclohexane	7.795	56	2345	1.364	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	8926	4.949	ug/l #	50
38) Carbon Tetrachloride	7.801	117	11644	6.517	ug/l #	16
43) Isopropyl Acetate	8.124	43	1747	1.099	ug/l #	2
51) 4-Methyl-2-Pentanone	10.081	43	1357	1.712	ug/l	97
76) 1,2,3-Trichloropropane	12.489	75	45629	53.346	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	45629	115.666	ug/l #	11

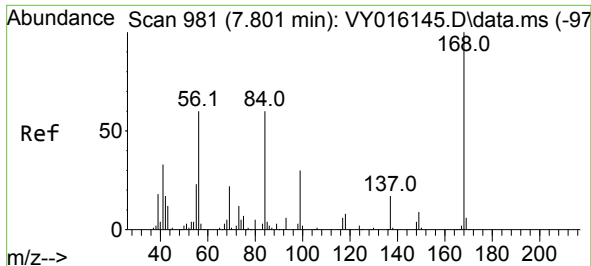
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 03 22:58:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

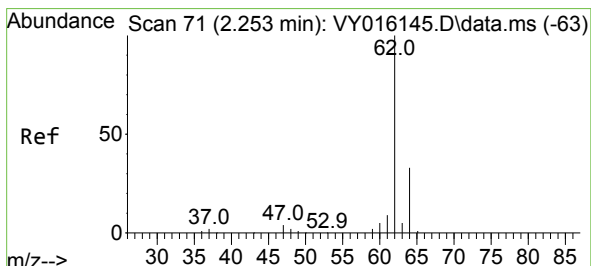
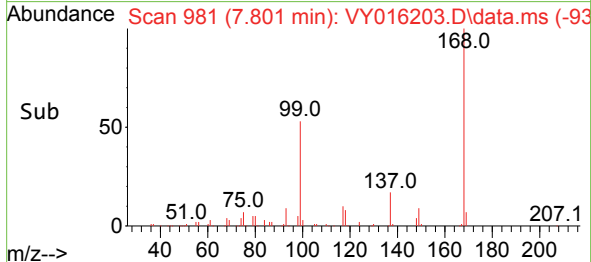
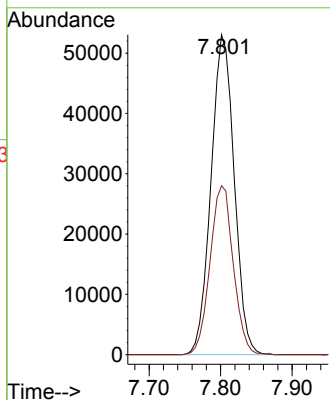
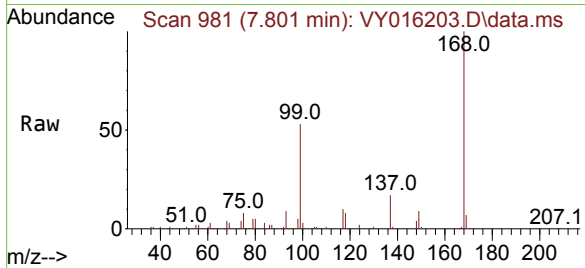




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016203.D
Acq: 03 Nov 2023 09:51

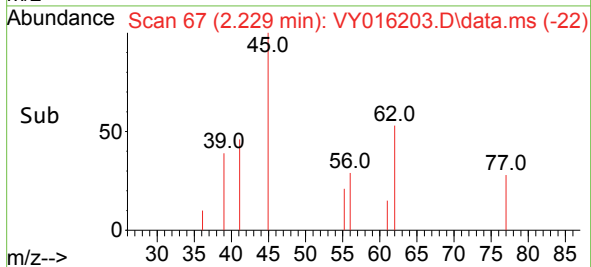
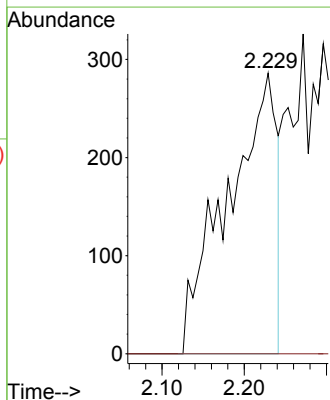
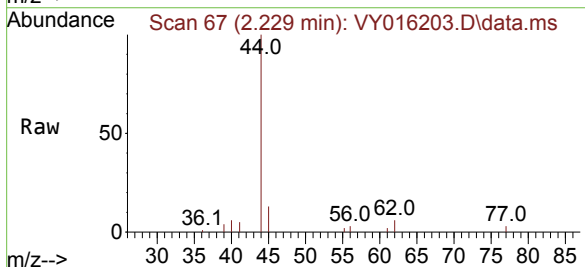
Instrument :
MSVOA_Y
ClientSampleId :

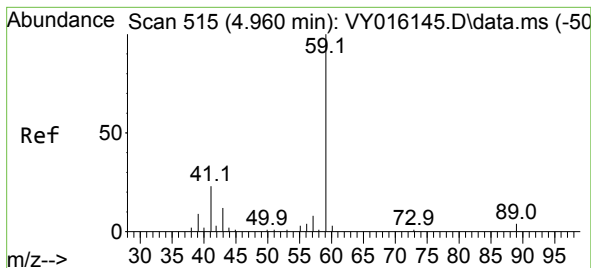
Tgt Ion:168 Resp: 119519
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#4
Vinyl Chloride
Concen: 1.088 ug/l
RT: 2.229 min Scan# 67
Delta R.T. -0.024 min
Lab File: VY016203.D
Acq: 03 Nov 2023 09:51

Tgt Ion: 62 Resp: 1185
Ion Ratio Lower Upper
62 100
64 0.0 24.3 36.5#





#11

Tert butyl alcohol

Concen: 7.492 ug/l

RT: 4.960 min Scan# 515

Delta R.T. 0.000 min

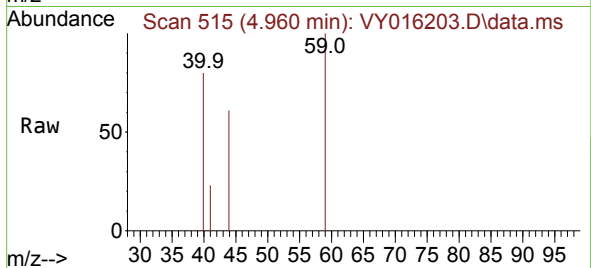
Lab File: VY016203.D

Acq: 03 Nov 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

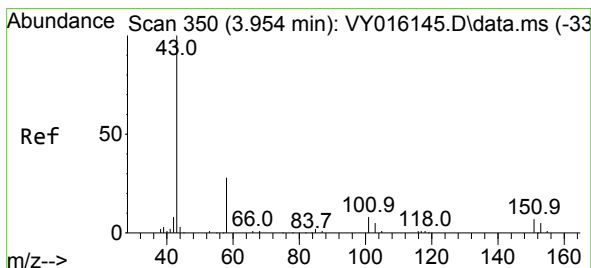
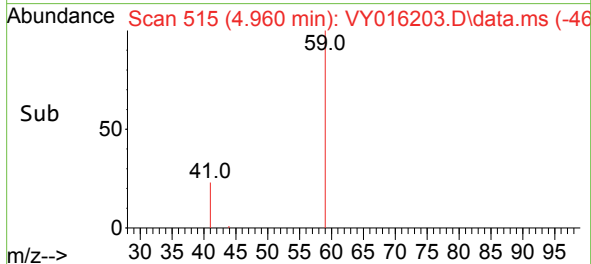
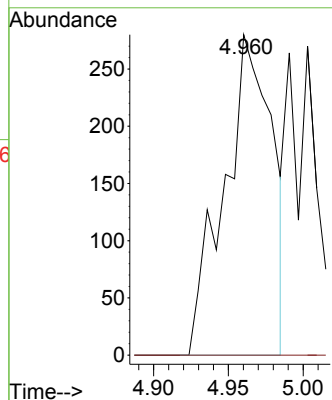


Tgt Ion: 59 Resp: 626

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: Below Cal

RT: 3.979 min Scan# 354

Delta R.T. 0.025 min

Lab File: VY016203.D

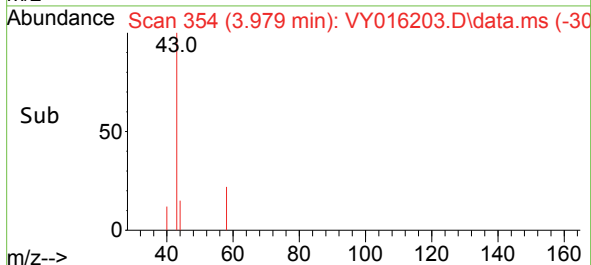
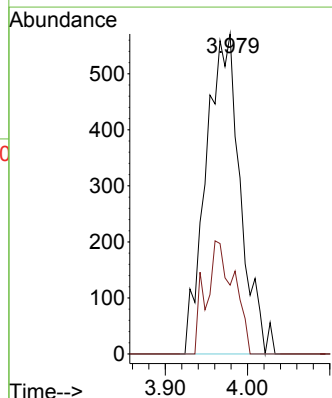
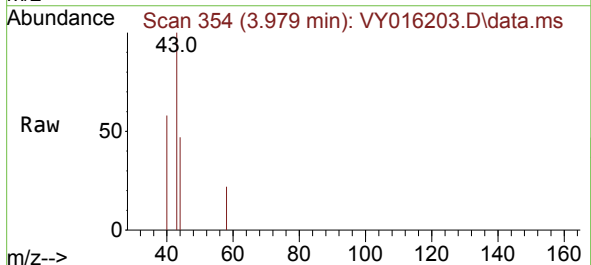
Acq: 03 Nov 2023 09:51

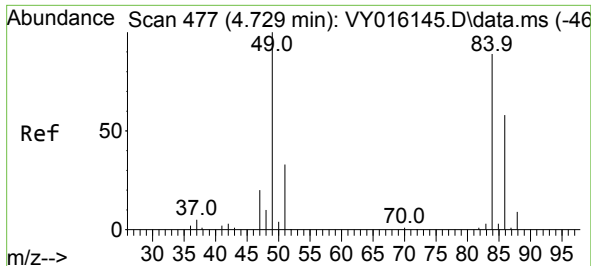
Tgt Ion: 43 Resp: 1658

Ion Ratio Lower Upper

43 100

58 21.5 22.7 34.1#





#20

Methylene Chloride

Concen: 4.999 ug/l

RT: 4.735 min Scan# 41

Delta R.T. 0.006 min

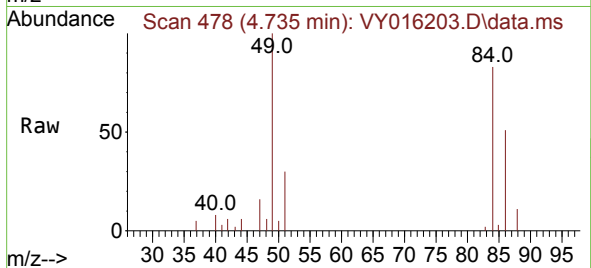
Lab File: VY016203.D

Acq: 03 Nov 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 8805

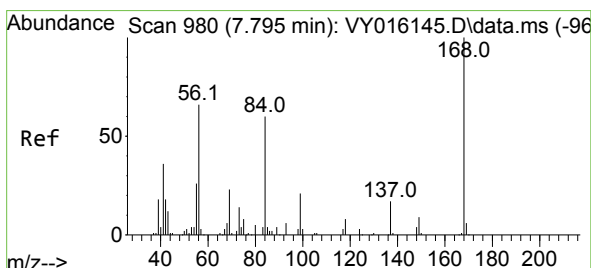
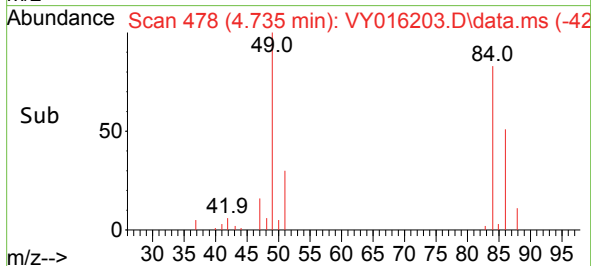
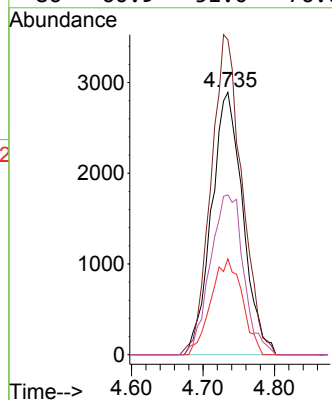
Ion Ratio Lower Upper

84 100

49 120.1 106.9 160.3

51 36.5 33.2 49.8

86 60.9 51.0 76.6



#31

Cyclohexane

Concen: 1.364 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY016203.D

Acq: 03 Nov 2023 09:51

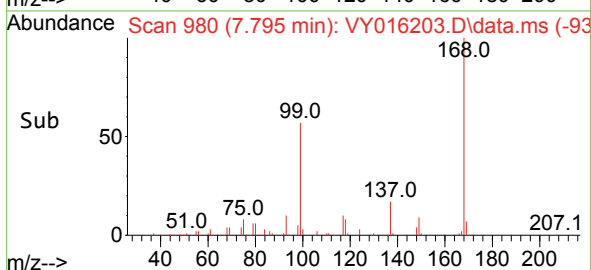
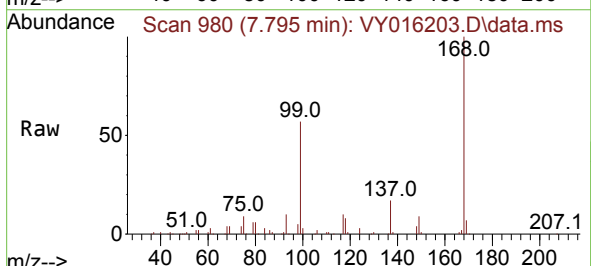
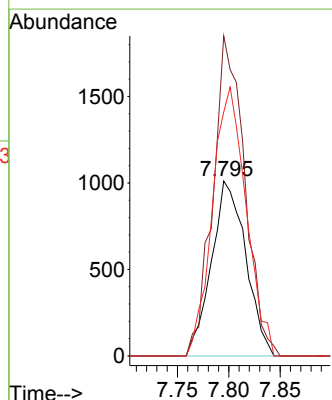
Tgt Ion: 56 Resp: 2345

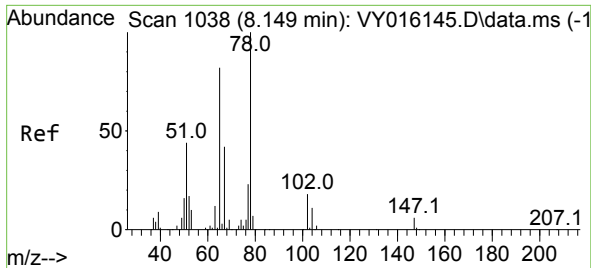
Ion Ratio Lower Upper

56 100

69 183.0 27.8 41.6#

84 139.5 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 60.556 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016203.D

Acq: 03 Nov 2023 09:51

Instrument :

MSVOA_Y

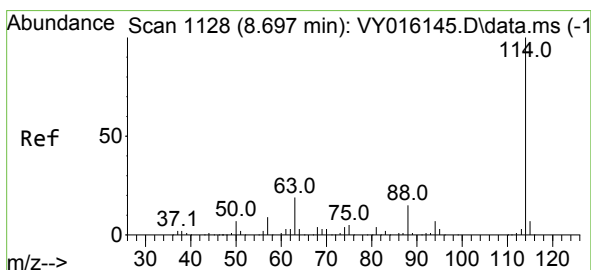
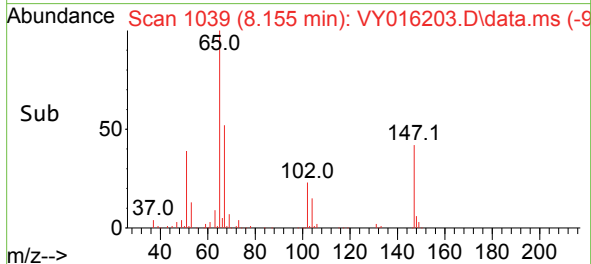
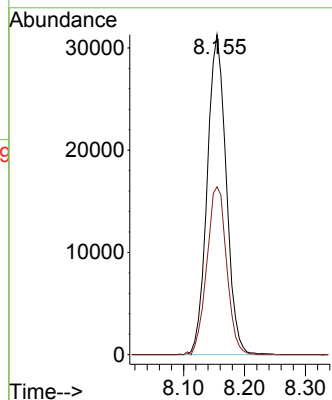
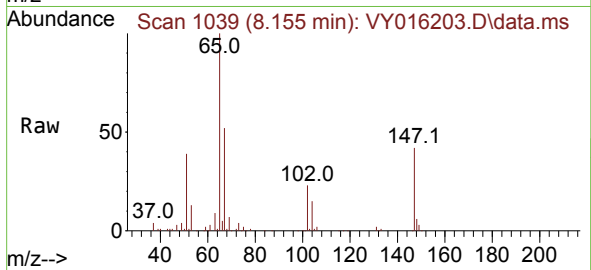
ClientSampleId :

Tgt Ion: 65 Resp: 67724

Ion Ratio Lower Upper

65 100

67 54.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016203.D

Acq: 03 Nov 2023 09:51

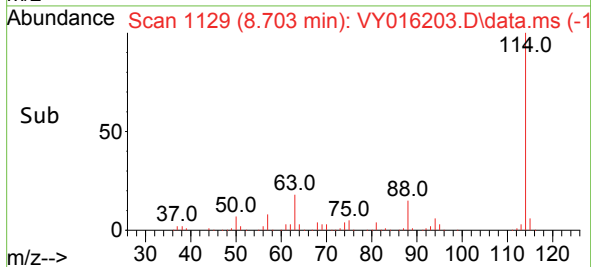
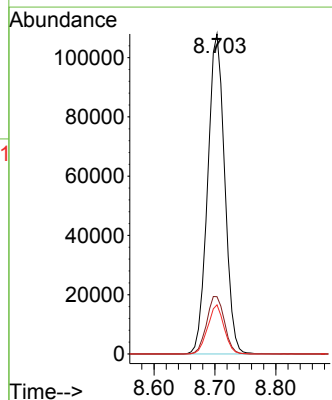
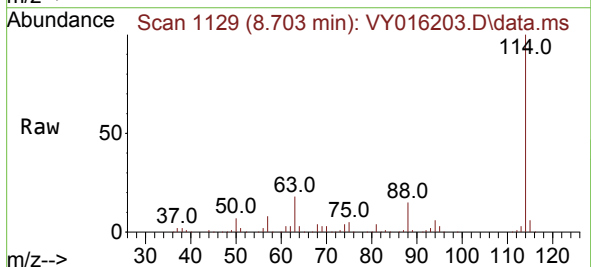
Tgt Ion: 114 Resp: 209505

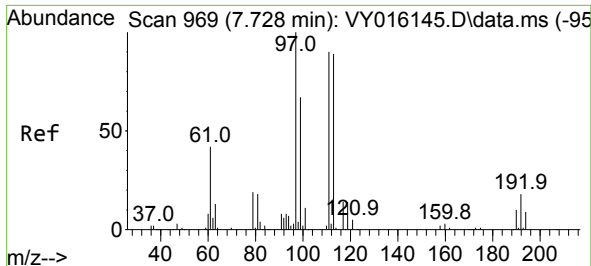
Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

88 15.3 0.0 30.6

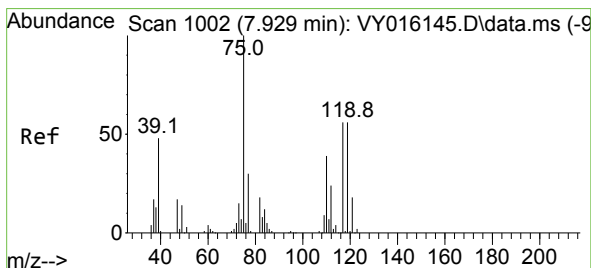
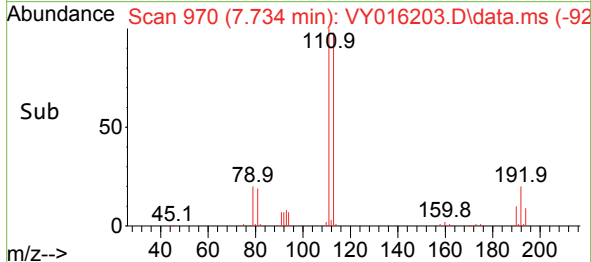
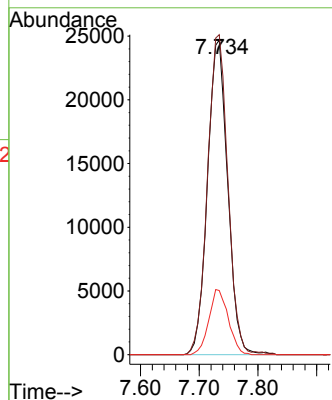
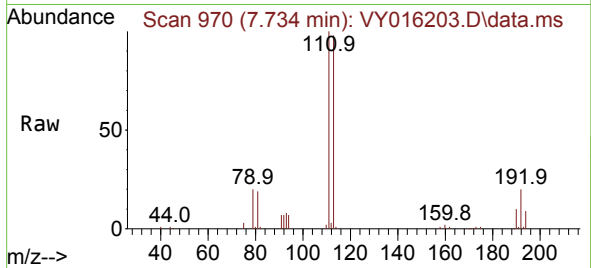




#35
Dibromofluoromethane
Concen: 47.189 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016203.D
Acq: 03 Nov 2023 09:51

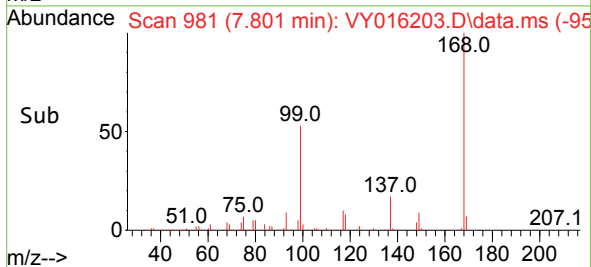
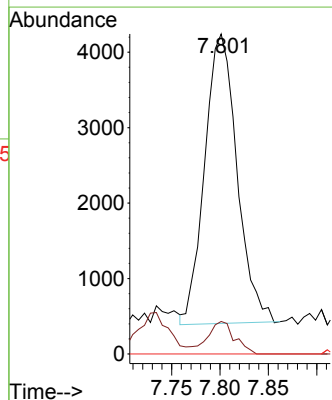
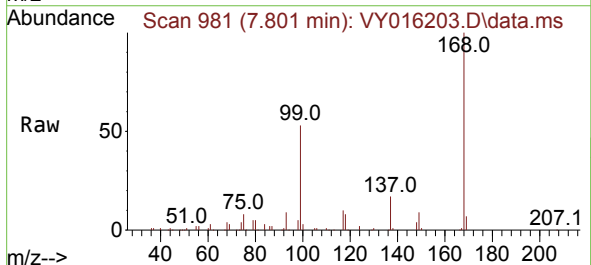
Instrument :
MSVOA_Y
ClientSampleId :

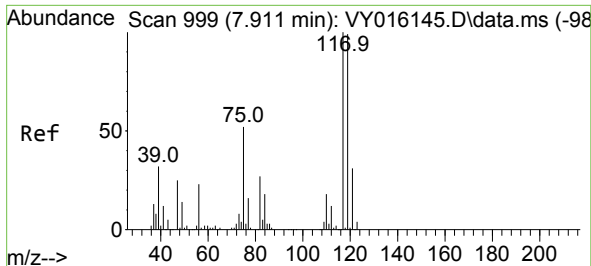
Tgt Ion:113 Resp: 58940
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.949 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016203.D
Acq: 03 Nov 2023 09:51

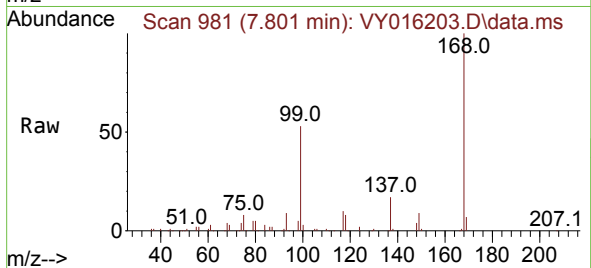
Tgt Ion: 75 Resp: 8926
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 24.4 36.6#



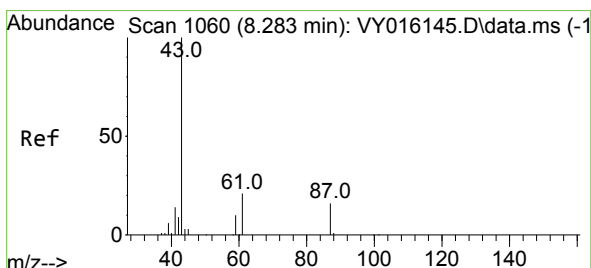
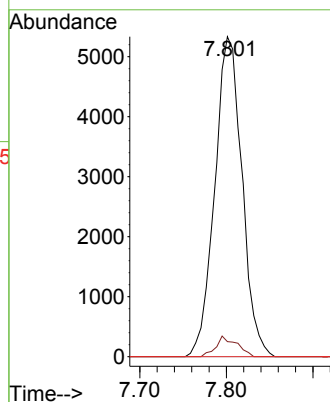
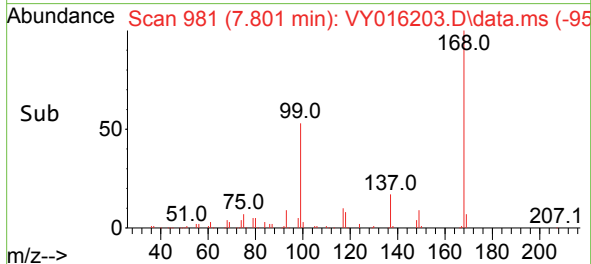


#38
Carbon Tetrachloride
Concen: 6.517 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016203.D
Acq: 03 Nov 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

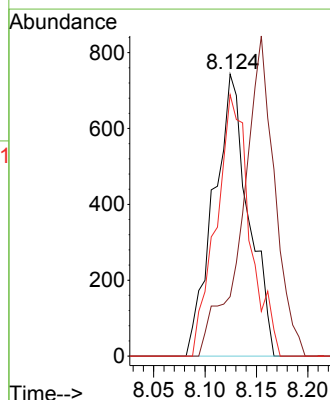
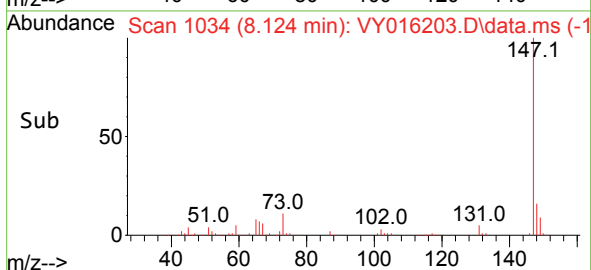
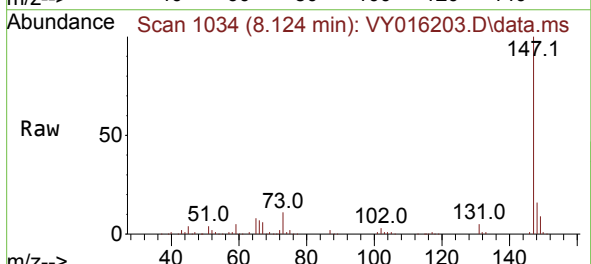


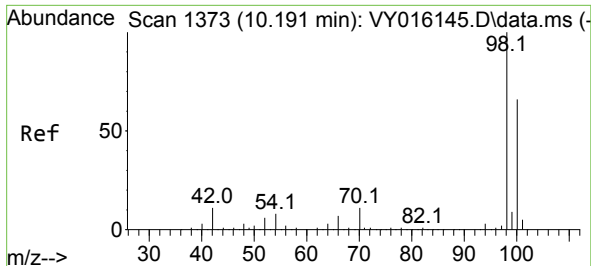
Tgt Ion:117 Resp: 11644
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 1.099 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.158 min
Lab File: VY016203.D
Acq: 03 Nov 2023 09:51

Tgt Ion: 43 Resp: 1747
Ion Ratio Lower Upper
43 100
61 0.0 21.1 31.7#
87 89.8 9.8 14.8#

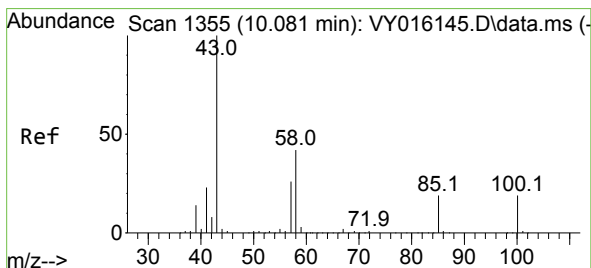
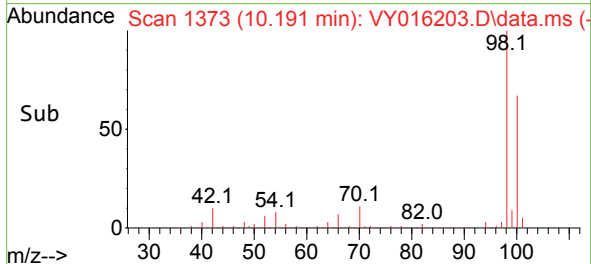
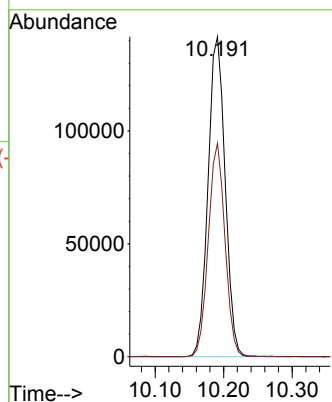
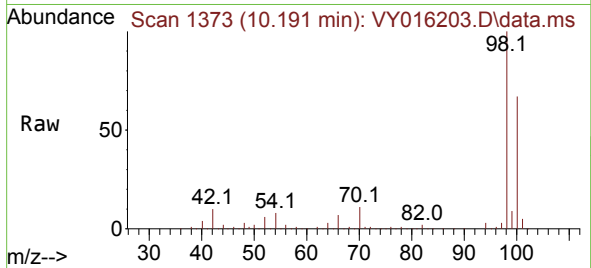




#50
Toluene-d8
Concen: 49.615 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016203.D
Acq: 03 Nov 2023 09:51

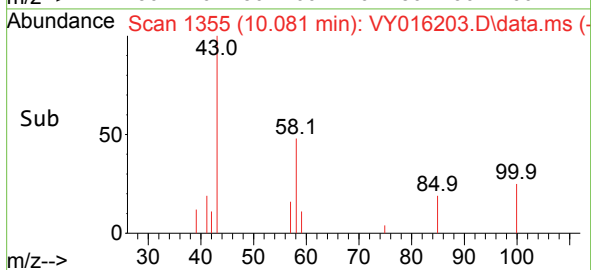
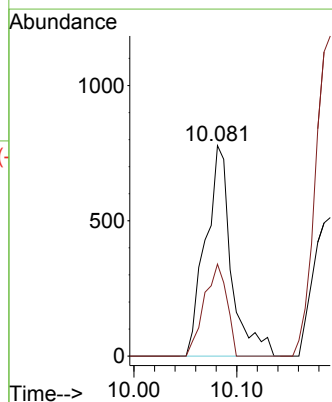
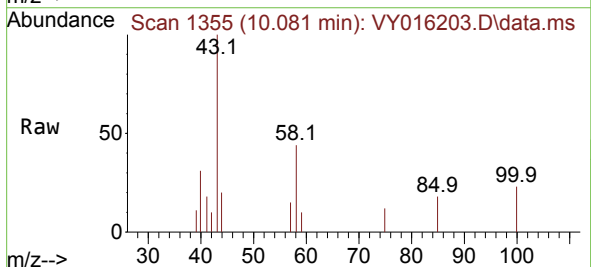
Instrument :
MSVOA_Y
ClientSampleId :

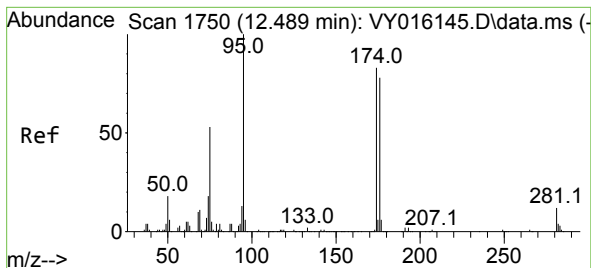
Tgt Ion: 98 Resp: 245698
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 1.712 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016203.D
Acq: 03 Nov 2023 09:51

Tgt Ion: 43 Resp: 1357
Ion Ratio Lower Upper
43 100
58 38.2 29.0 43.6

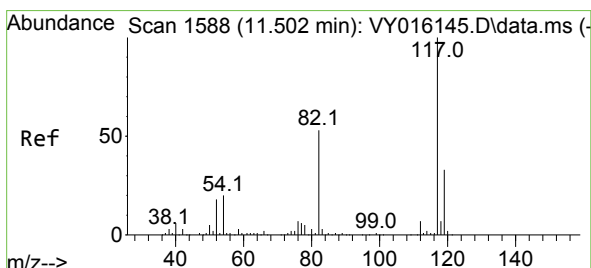
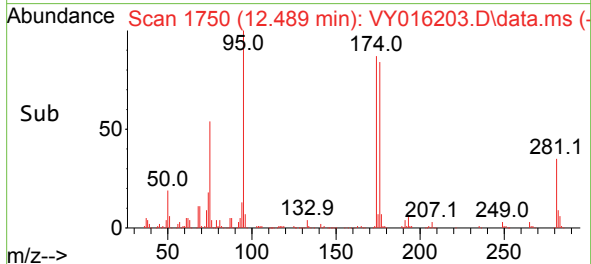
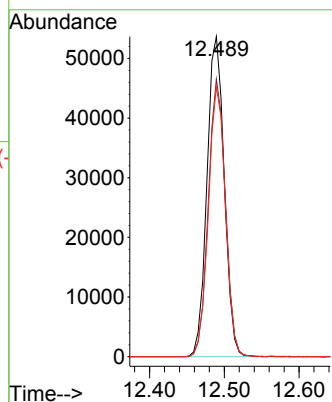
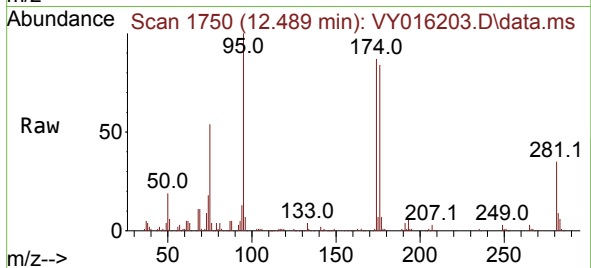




#62
4-Bromofluorobenzene
Concen: 50.649 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016203.D
Acq: 03 Nov 2023 09:51

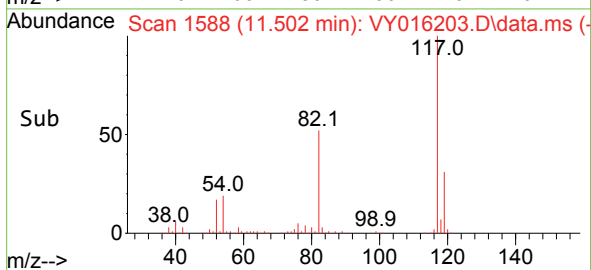
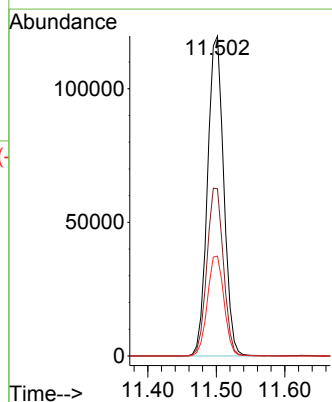
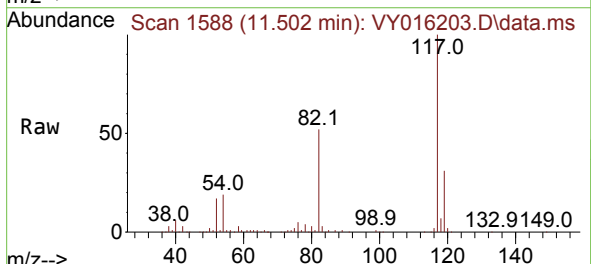
Instrument :
MSVOA_Y
ClientSampleId :

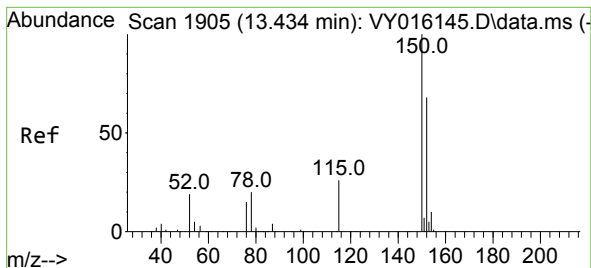
Tgt Ion: 95 Resp: 85767
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 83.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY016203.D
Acq: 03 Nov 2023 09:51

Tgt Ion: 117 Resp: 196913
Ion Ratio Lower Upper
117 100
82 52.3 43.4 65.0
119 31.2 26.3 39.5

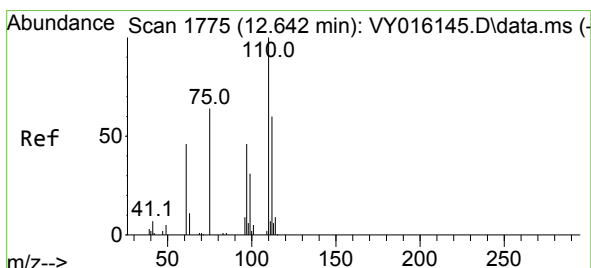
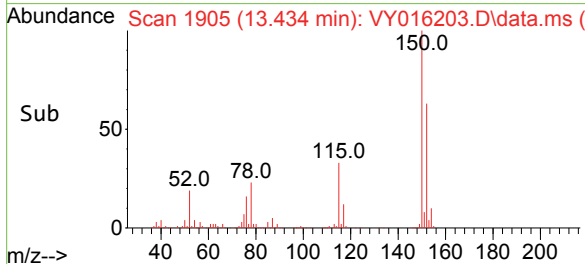
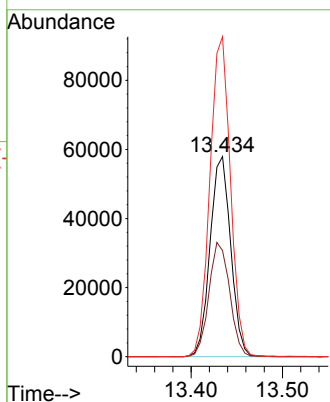
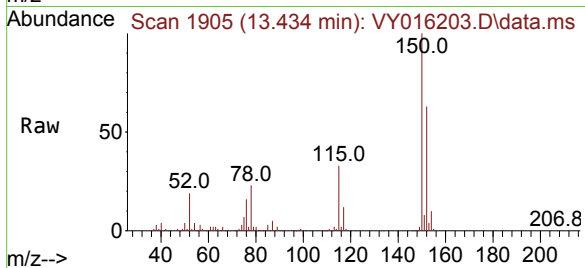




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY016203.D
 Acq: 03 Nov 2023 09:51

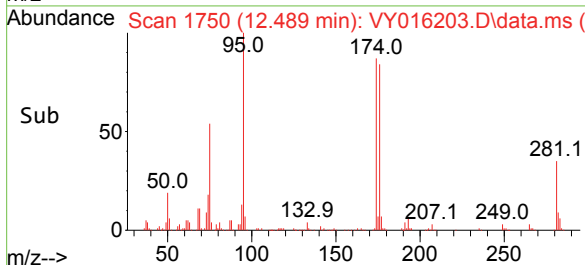
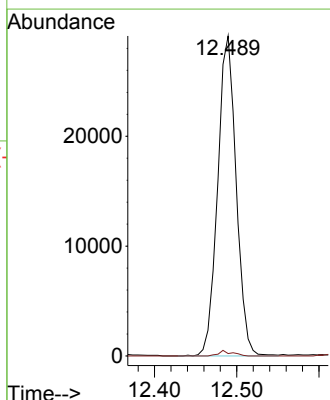
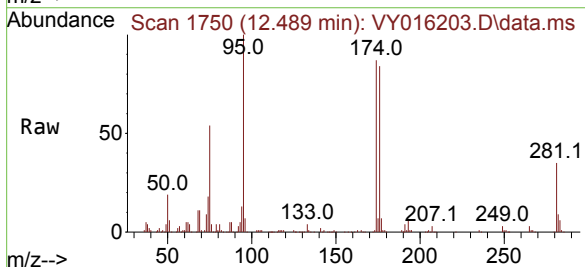
Instrument :
 MSVOA_Y
 ClientSampleId :

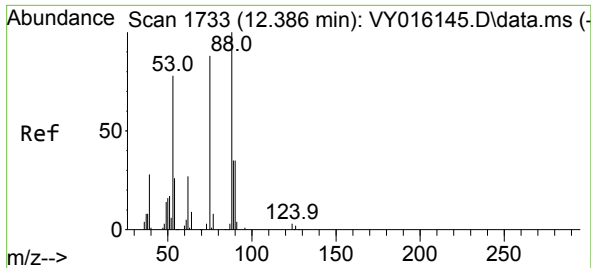
Tgt Ion:152 Resp: 90829
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.8 86.5
 150 158.8 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 53.346 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.152 min
 Lab File: VY016203.D
 Acq: 03 Nov 2023 09:51

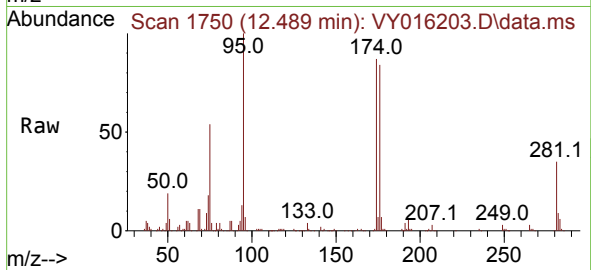
Tgt Ion: 75 Resp: 45629
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.666 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016203.D
 Acq: 03 Nov 2023 09:51

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 45629
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.9 37.4 56.0#

