

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009901.D
 Acq On : 09 Aug 2022 02:21
 Operator : KP/MD
 Sample : N4016-01
 Misc : 5.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-230

Quant Time: Aug 09 06:59:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

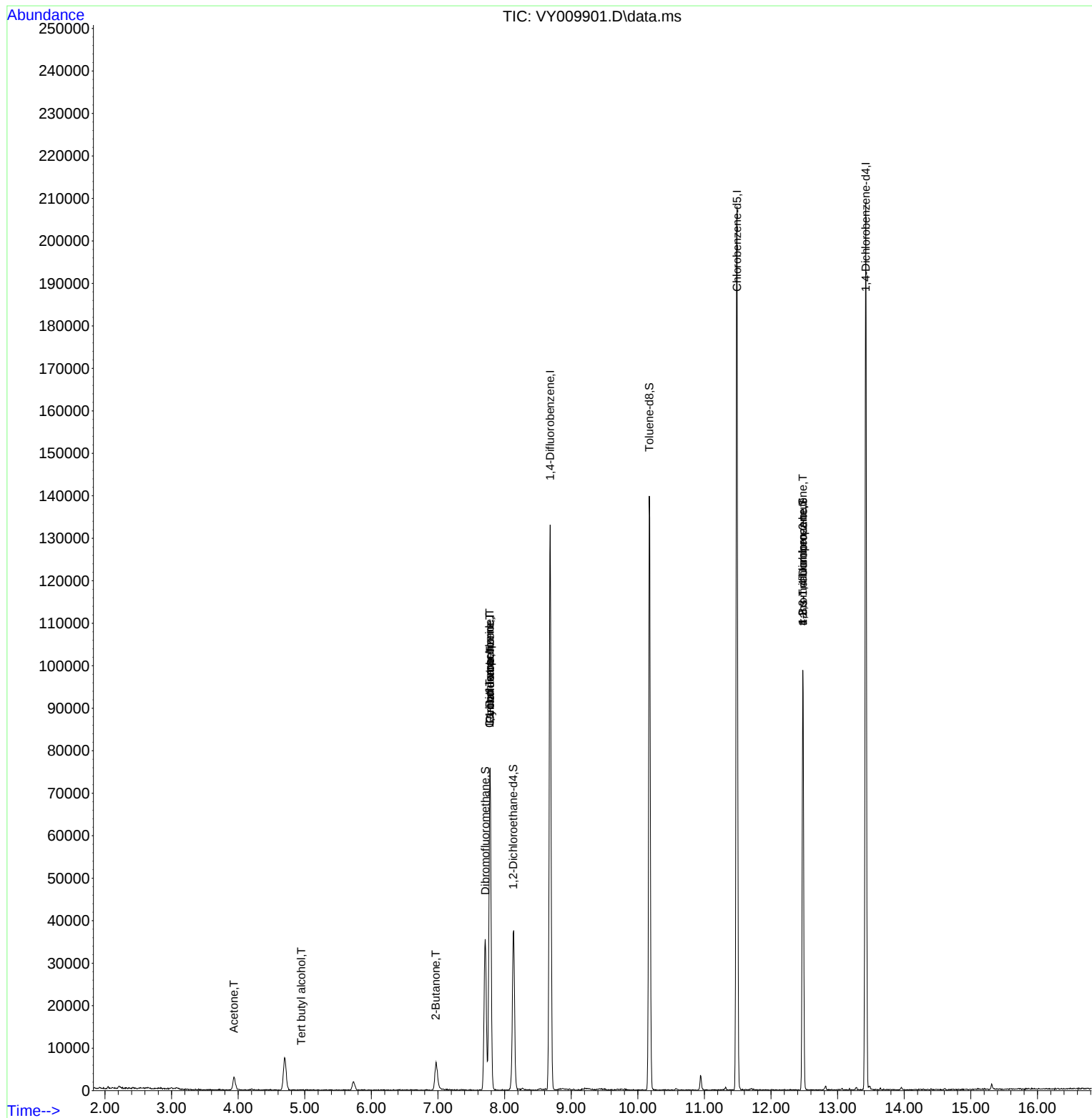
Internal Standards						
1) Pentafluorobenzene	7.783	168	58201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	111239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	109495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	49304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	28431	64.010	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.020%
35) Dibromofluoromethane	7.710	113	25206	41.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.480%
50) Toluene-d8	10.173	98	88268	47.985	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.960%
62) 4-Bromofluorobenzene	12.477	95	28690	34.027	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	139	2.107	ug/l #	78
16) Acetone	3.936	43	5566	33.903	ug/l	100
18) Methyl Acetate	4.473	43	55	Below Cal	#	52
20) Methylene Chloride	4.698	84	5311	Below Cal	#	89
25) 2-Butanone	6.966	43	381	1.409	ug/l #	48
31) Cyclohexane	7.783	56	1505	1.332	ug/l #	20
36) 1,1-Dichloropropene	7.777	75	4603	4.517	ug/l #	47
38) Carbon Tetrachloride	7.777	117	5708	5.644	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	14968	27.748	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14968	56.099	ug/l #	13

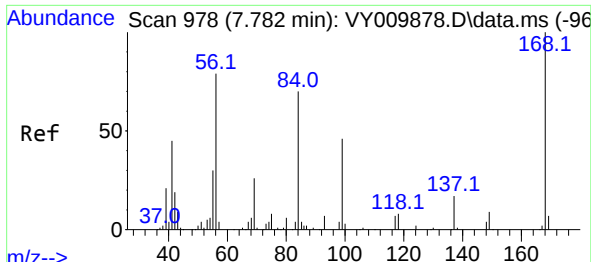
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
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ALS Vial : 31 Sample Multiplier: 1

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VNJ-230

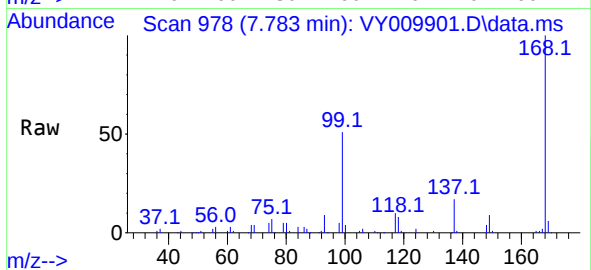
Quant Time: Aug 09 06:59:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
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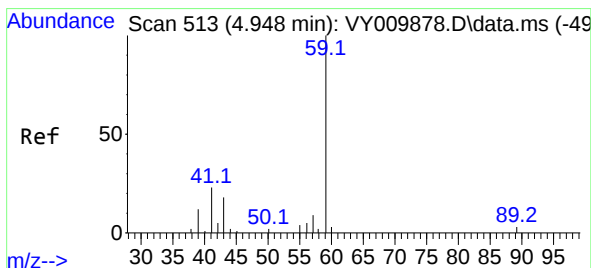
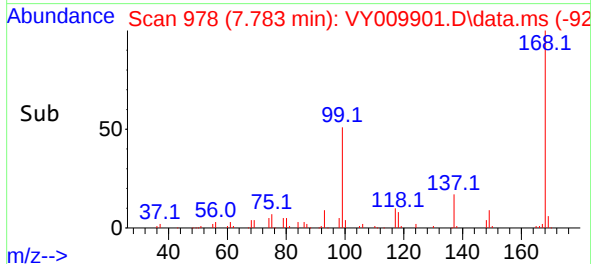
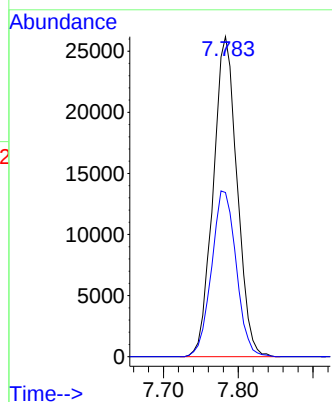


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009901.D
Acq: 09 Aug 2022 02:21

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-230

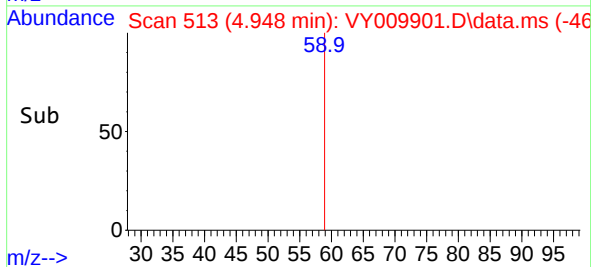
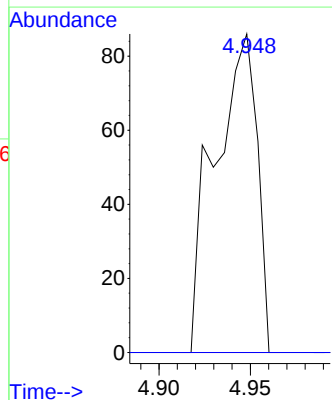
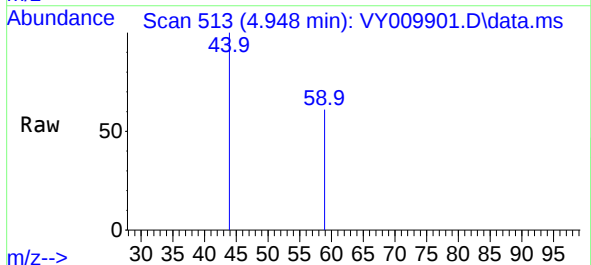


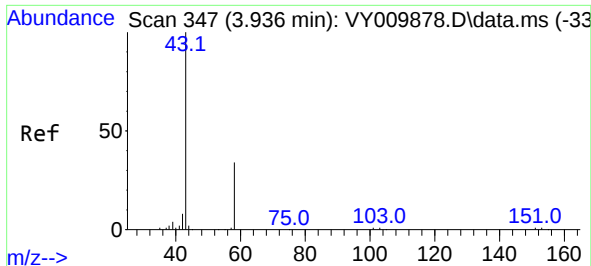
Tgt Ion:168 Resp: 58201
Ion Ratio Lower Upper
168 100
99 51.3 42.1 63.1



#11
Tert butyl alcohol
Concen: 2.107 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009901.D
Acq: 09 Aug 2022 02:21

Tgt Ion: 59 Resp: 139
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

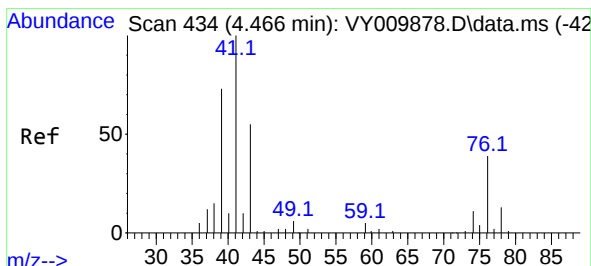
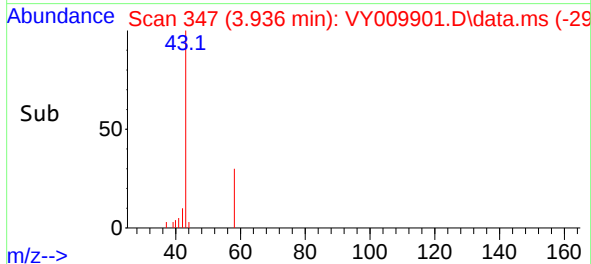
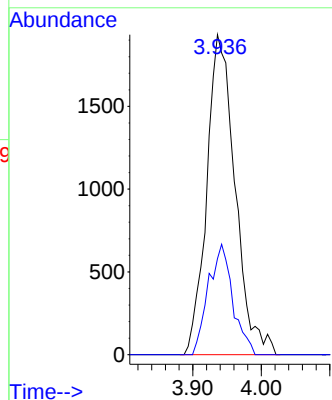
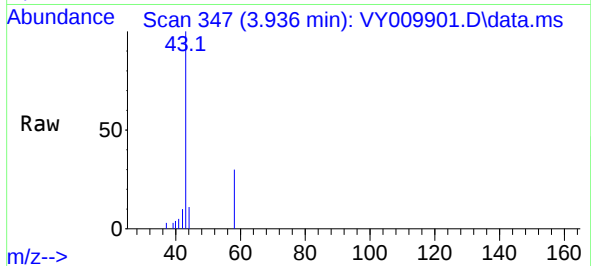




#16
Acetone
Concen: 33.903 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009901.D
Acq: 09 Aug 2022 02:21

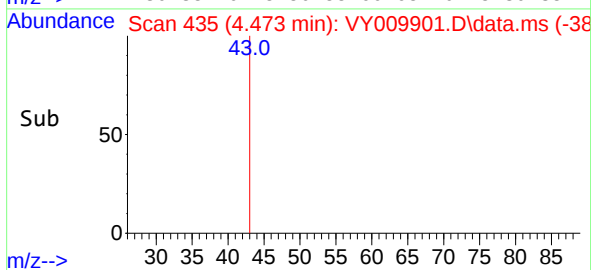
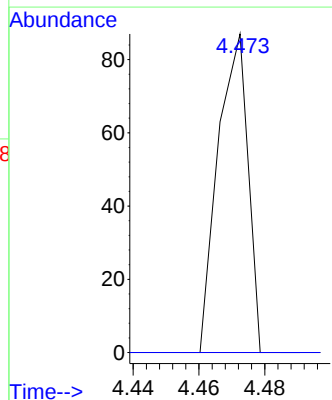
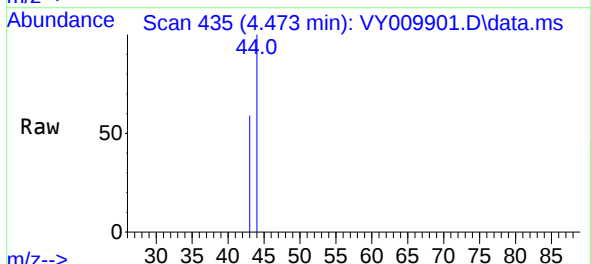
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-230

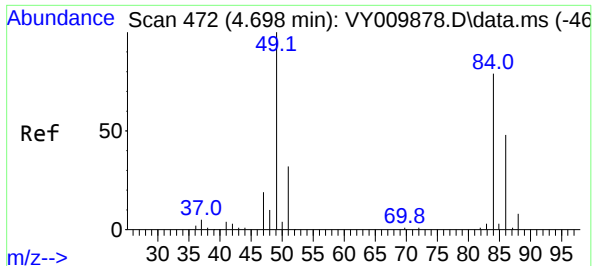
Tgt Ion: 43 Resp: 5566
Ion Ratio Lower Upper
43 100
58 30.0 24.0 36.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009901.D
Acq: 09 Aug 2022 02:21

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#

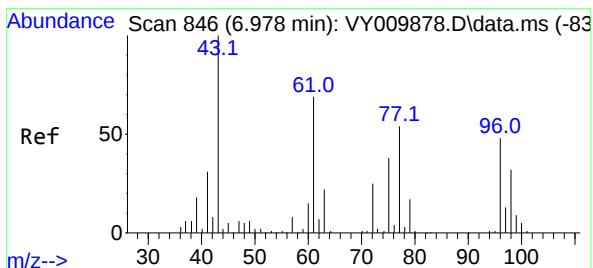
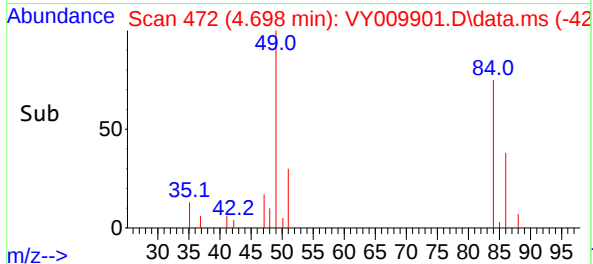
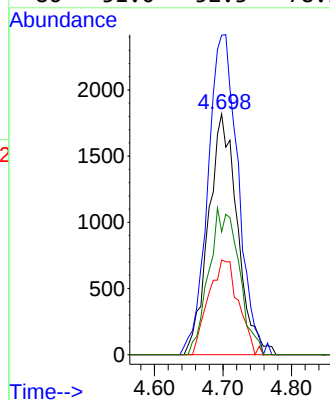
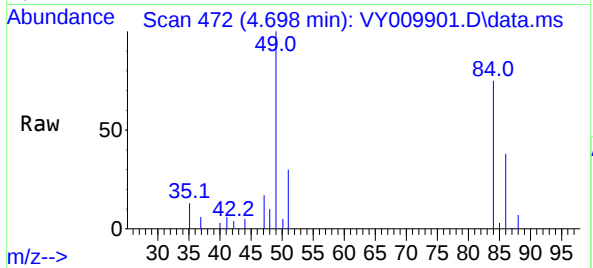




#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009901.D
Acq: 09 Aug 2022 02:21

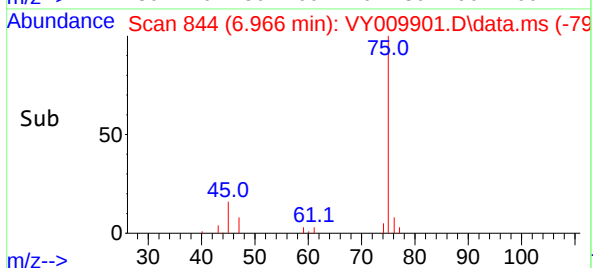
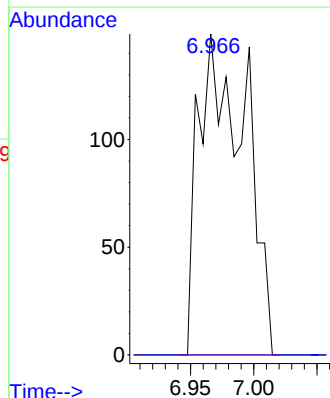
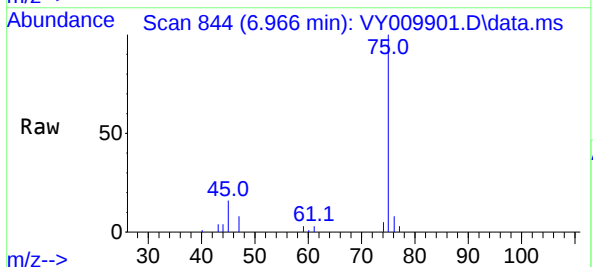
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-230

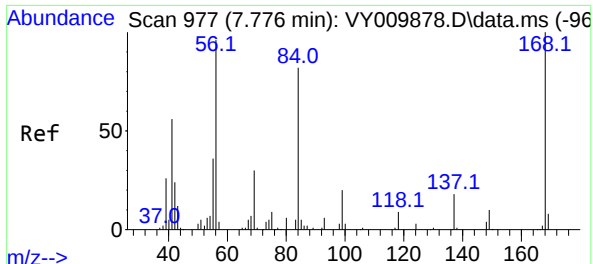
Tgt Ion: 84 Resp: 5311
Ion Ratio Lower Upper
84 100
49 132.8 98.2 147.4
51 39.3 33.4 50.0
86 51.0 52.3 78.5#



#25
2-Butanone
Concen: 1.409 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY009901.D
Acq: 09 Aug 2022 02:21

Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#

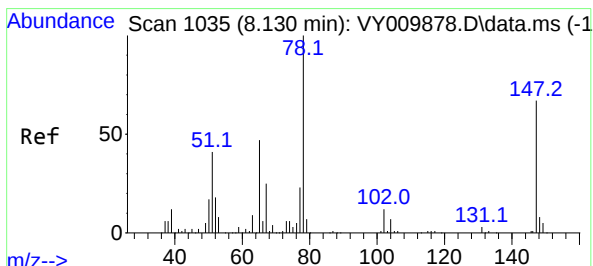
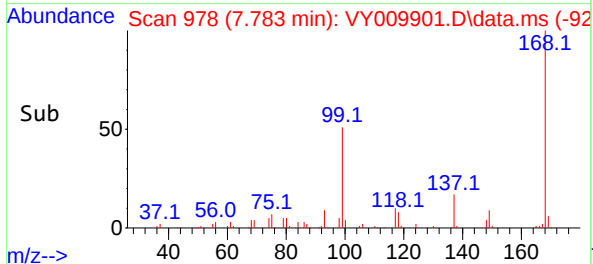
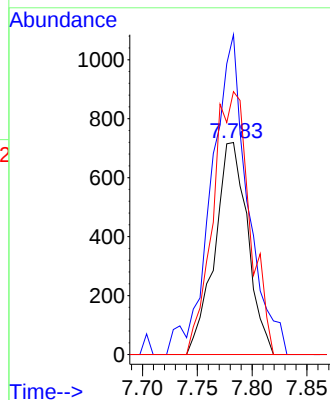
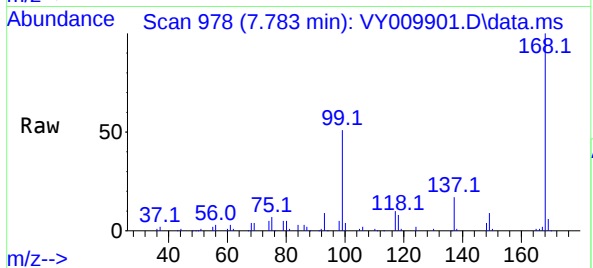




#31
Cyclohexane
Concen: 1.332 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY009901.D
Acq: 09 Aug 2022 02:21

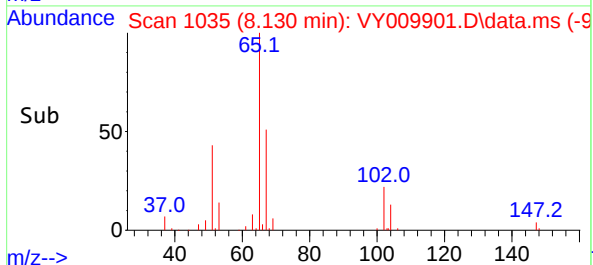
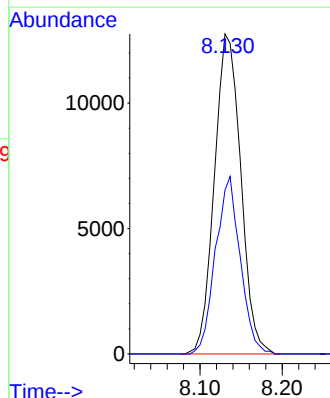
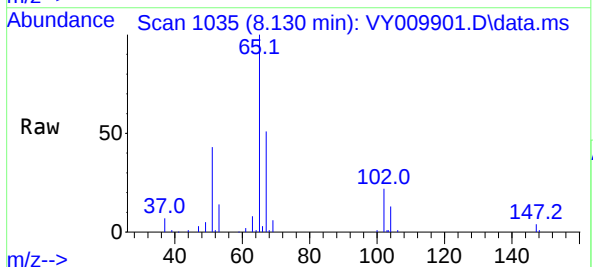
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-230

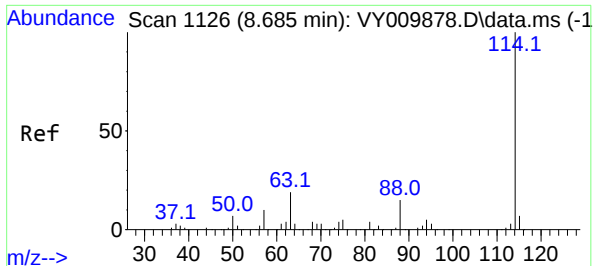
Tgt Ion: 56 Resp: 1505
Ion Ratio Lower Upper
56 100
69 137.4 26.0 39.0#
84 124.1 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 64.010 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009901.D
Acq: 09 Aug 2022 02:21

Tgt Ion: 65 Resp: 28431
Ion Ratio Lower Upper
65 100
67 52.0 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009901.D

Acq: 09 Aug 2022 02:21

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-230

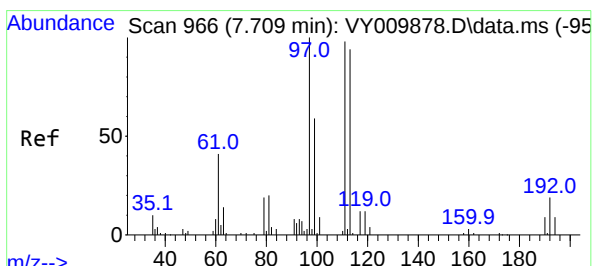
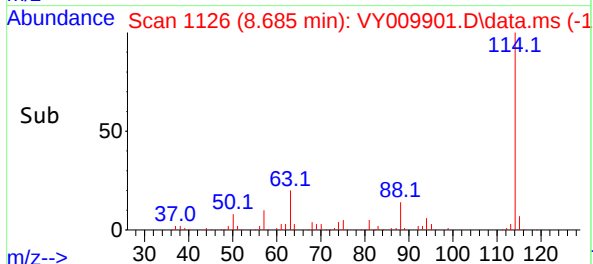
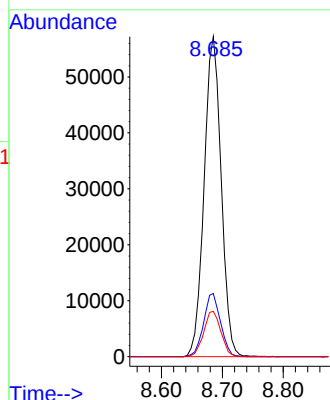
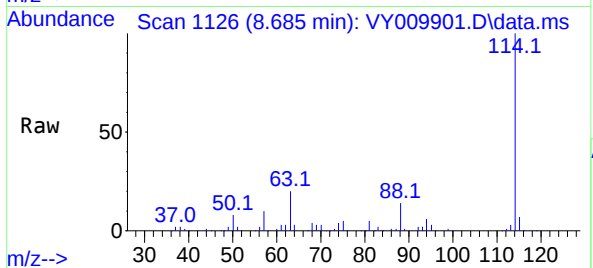
Tgt Ion:114 Resp: 111239

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.0

88 14.1 0.0 30.0



#35

Dibromofluoromethane

Concen: 41.742 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009901.D

Acq: 09 Aug 2022 02:21

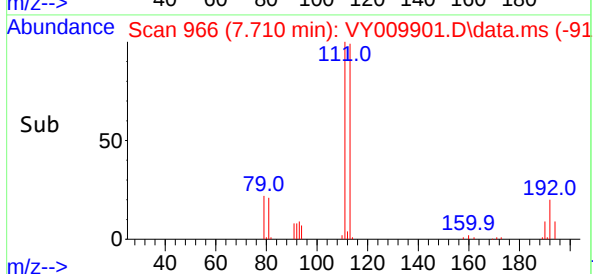
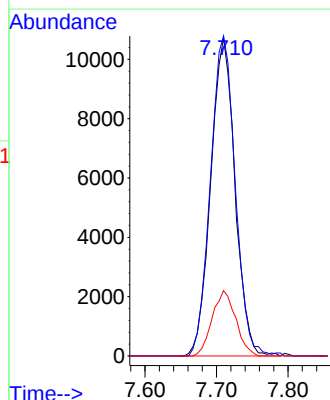
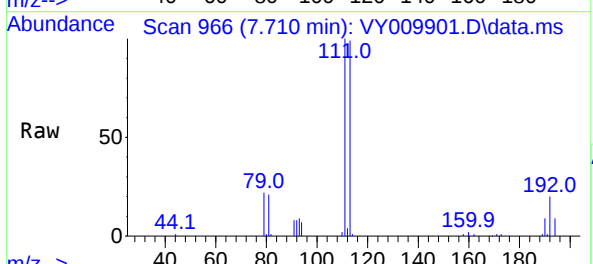
Tgt Ion:113 Resp: 25206

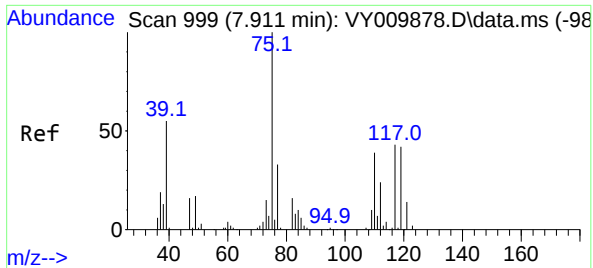
Ion Ratio Lower Upper

113 100

111 102.9 80.6 120.8

192 19.9 16.2 24.4

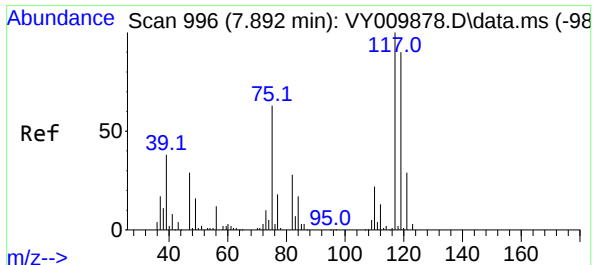
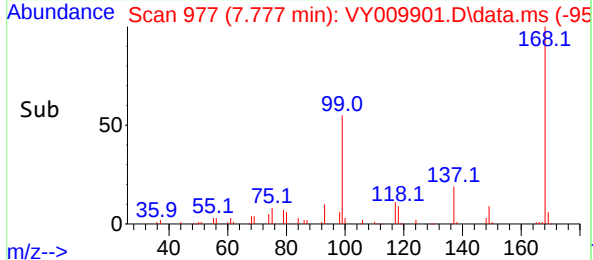
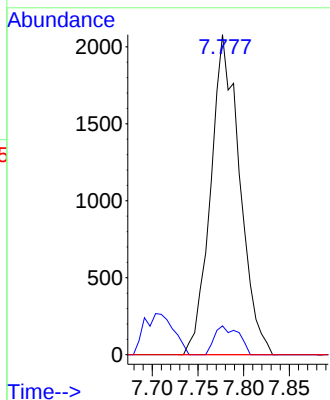
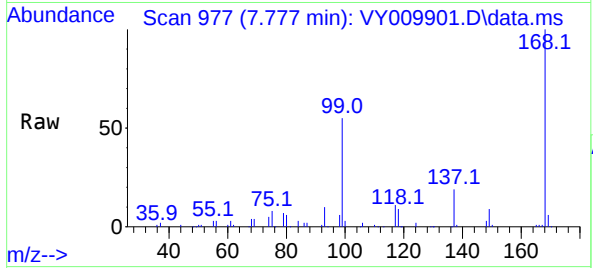




#36
1,1-Dichloropropene
Concen: 4.517 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009901.D
Acq: 09 Aug 2022 02:21

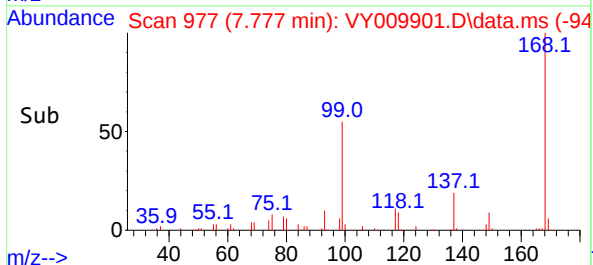
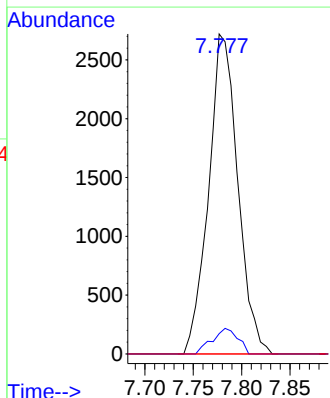
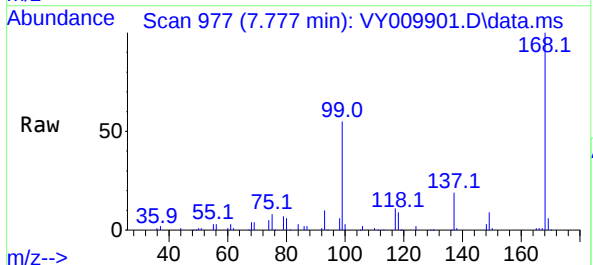
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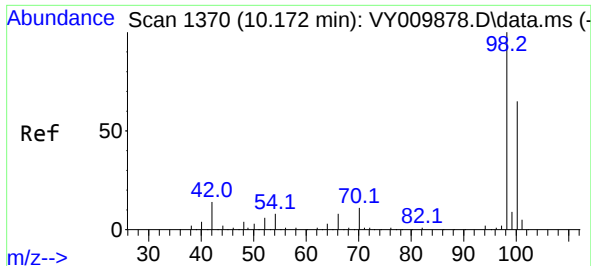
Tgt Ion: 75 Resp: 4603
Ion Ratio Lower Upper
75 100
110 7.4 18.6 56.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.644 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.115 min
Lab File: VY009901.D
Acq: 09 Aug 2022 02:21

Tgt Ion: 117 Resp: 5708
Ion Ratio Lower Upper
117 100
119 6.3 75.9 113.9#
121 0.0 24.9 37.3#

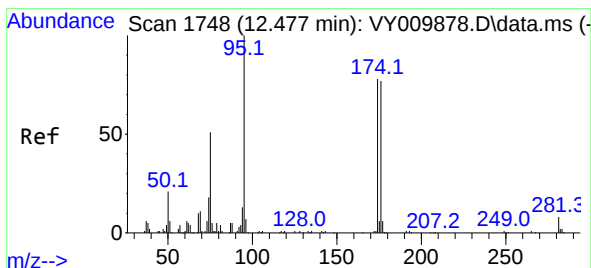
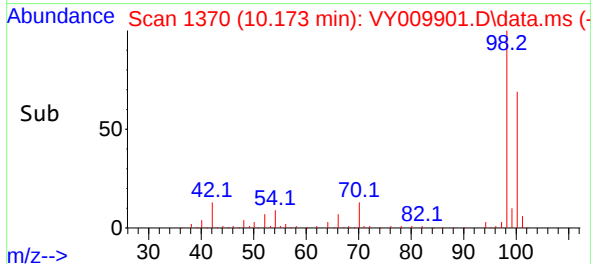
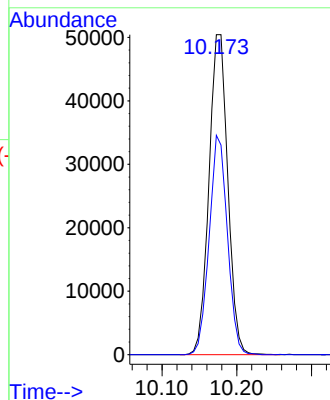
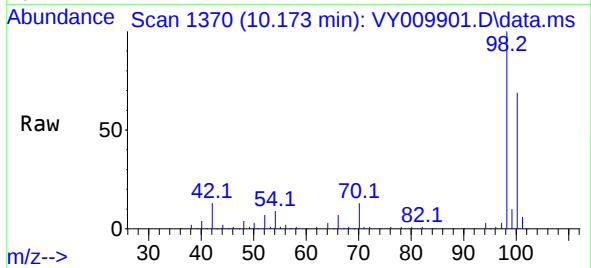




#50
Toluene-d8
Concen: 47.985 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009901.D
Acq: 09 Aug 2022 02:21

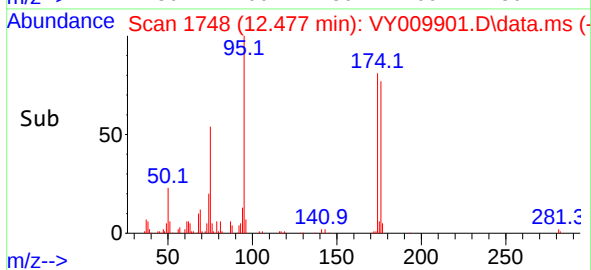
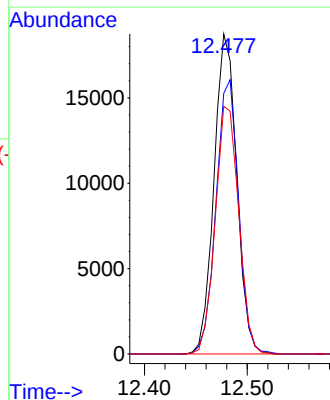
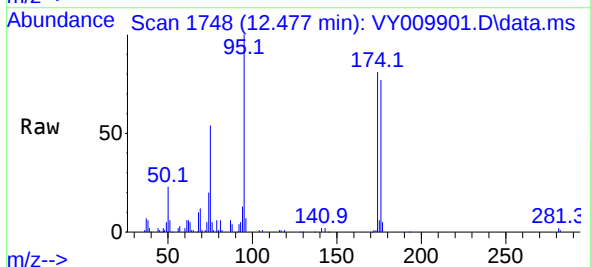
Instrument :
MSVOA_Y
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VNJ-230

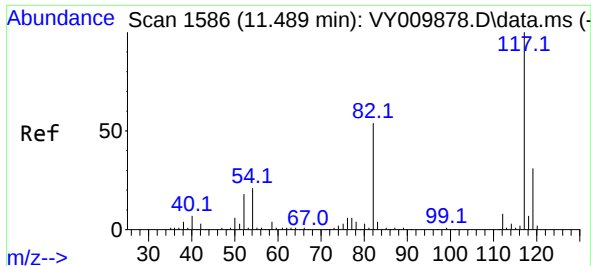
Tgt Ion: 98 Resp: 88268
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 34.027 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009901.D
Acq: 09 Aug 2022 02:21

Tgt Ion: 95 Resp: 28690
Ion Ratio Lower Upper
95 100
174 85.4 0.0 173.8
176 80.2 0.0 167.0

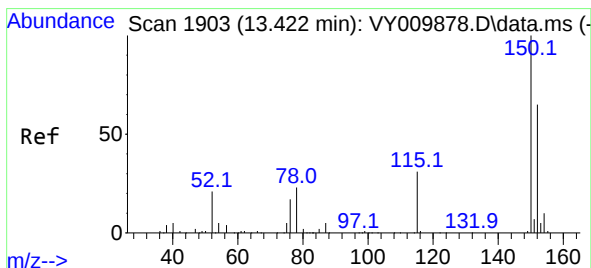
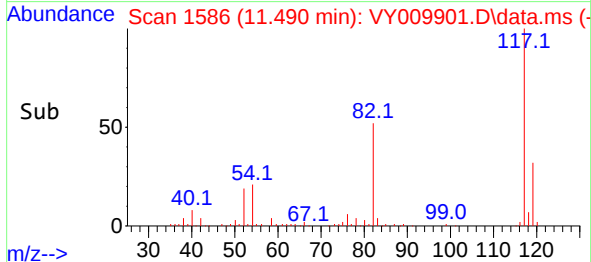
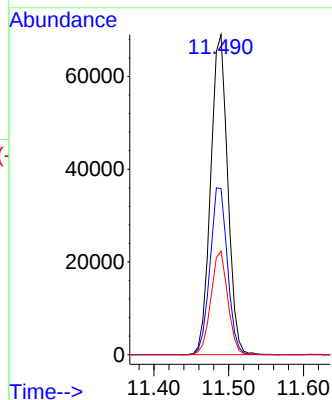
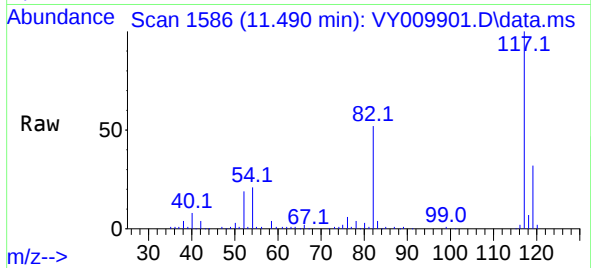




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009901.D
Acq: 09 Aug 2022 02:21

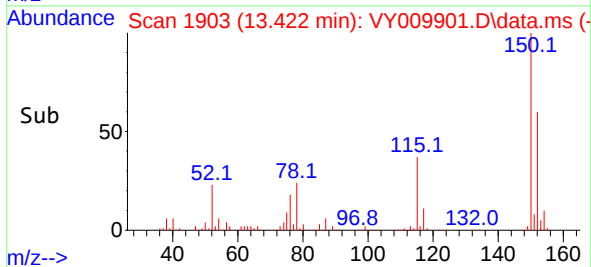
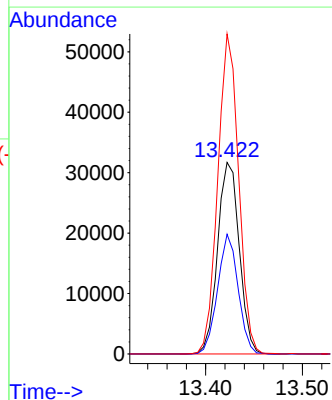
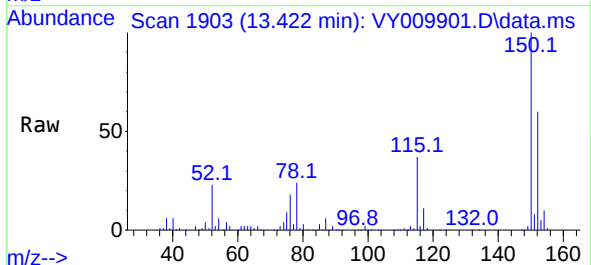
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-230

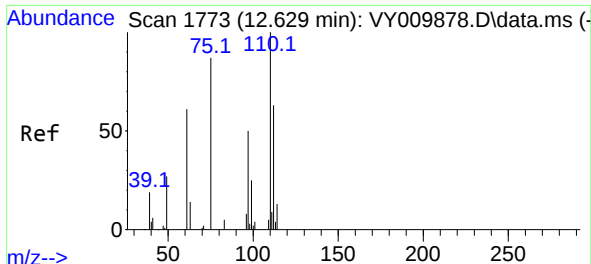
Tgt Ion:117 Resp: 109495
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.6
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009901.D
Acq: 09 Aug 2022 02:21

Tgt Ion:152 Resp: 49304
Ion Ratio Lower Upper
152 100
115 59.1 28.6 85.9
150 160.3 0.0 349.8

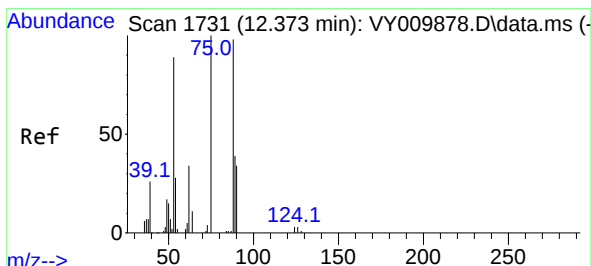
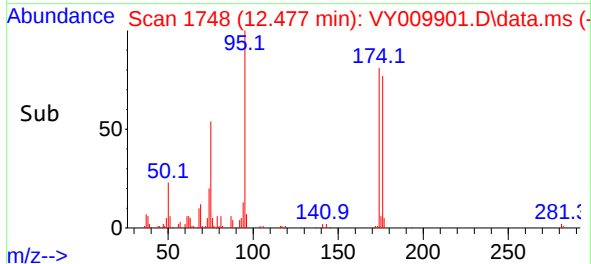
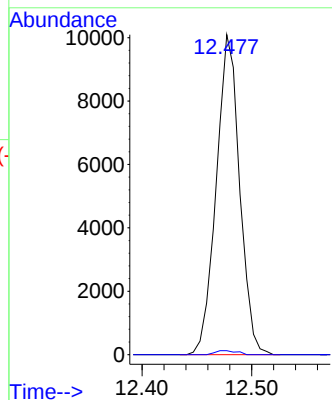
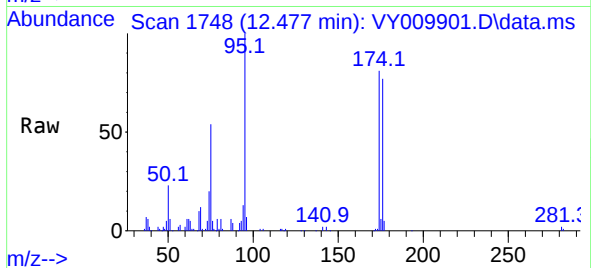




#76
1,2,3-Trichloropropane
Concen: 27.748 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009901.D
Acq: 09 Aug 2022 02:21

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-230

Tgt Ion: 75 Resp: 14968
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.099 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009901.D
Acq: 09 Aug 2022 02:21

Tgt Ion: 75 Resp: 14968
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.1 38.1 57.1#

