

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022423\
 Data File : VY012719.D
 Acq On : 24 Feb 2023 13:24
 Operator : KP/MD
 Sample : 01665-01RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-231RE

Quant Time: Feb 25 00:48:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

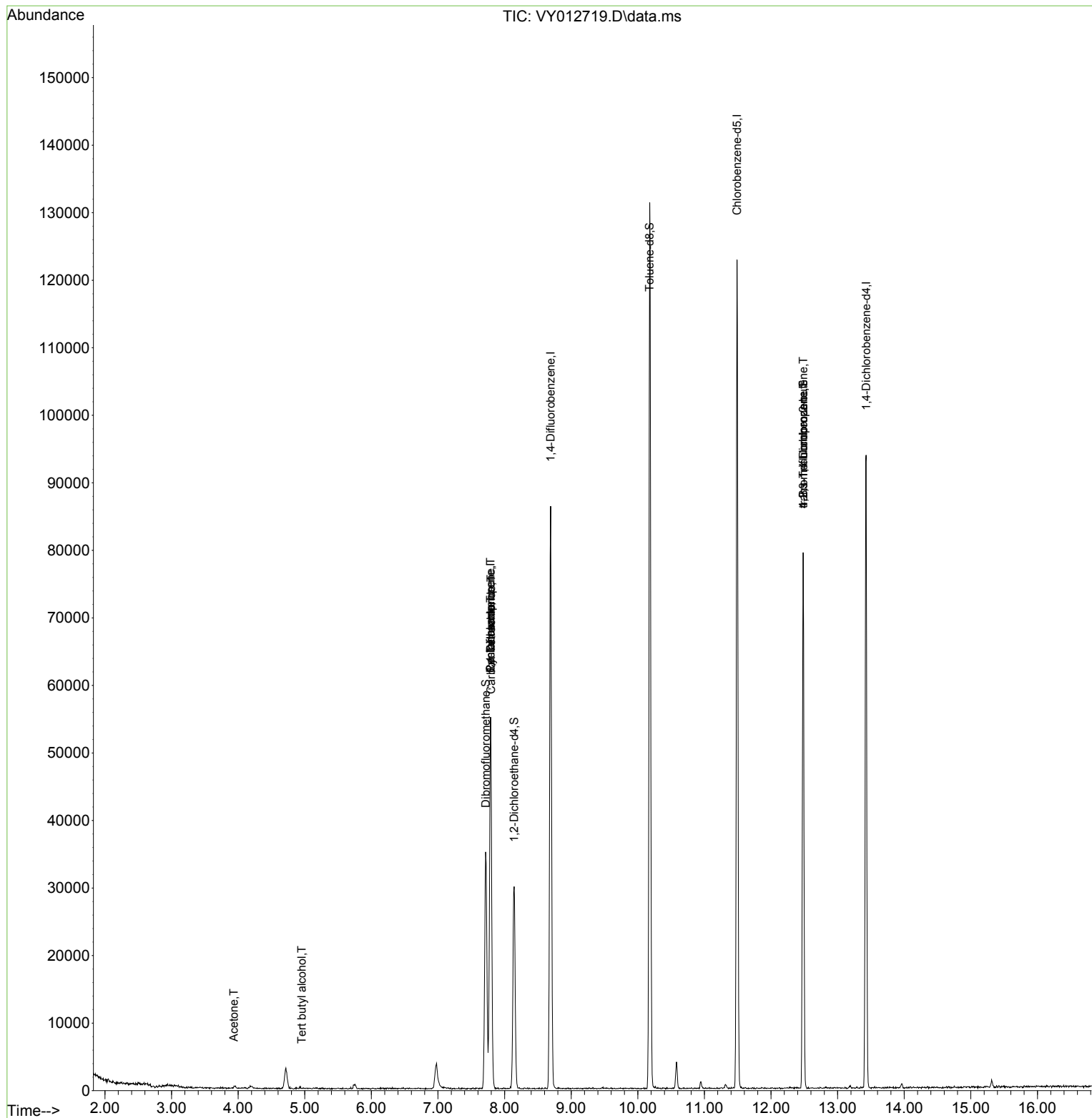
Internal Standards						
1) Pentafluorobenzene	7.789	168	42895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	70566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	63810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	24112	47.595	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.180%
35) Dibromofluoromethane	7.716	113	24250	50.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.760%
50) Toluene-d8	10.179	98	85222	47.726	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.460%
62) 4-Bromofluorobenzene	12.483	95	22439	39.269	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.540%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	68	Below Cal	#	42
11) Tert butyl alcohol	4.954	59	86	1.552	ug/l #	74
16) Acetone	3.936	43	493	2.982	ug/l #	75
20) Methylene Chloride	4.716	84	1913	Below Cal		93
31) Cyclohexane	7.789	56	936	1.063	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	3423	4.531	ug/l #	47
38) Carbon Tetrachloride	7.795	117	4016	5.141	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	12245	40.914	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	12245	86.676	ug/l #	10

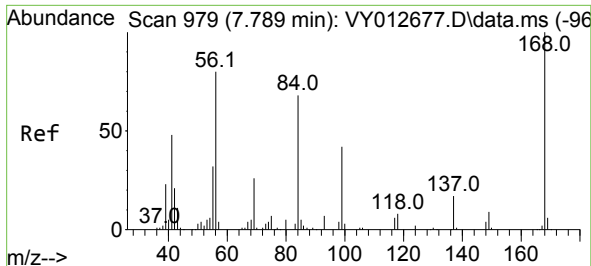
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 25 00:48:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
Quant Title : SW846 8260
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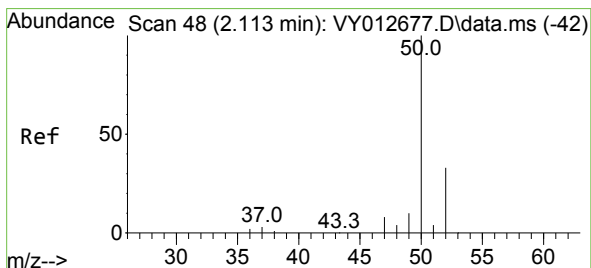
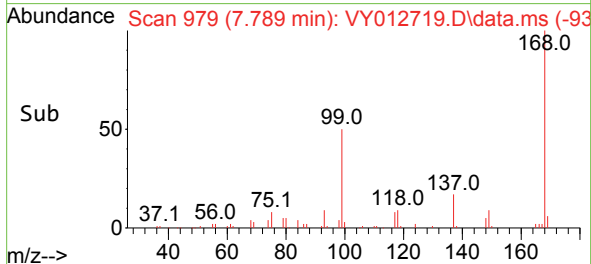
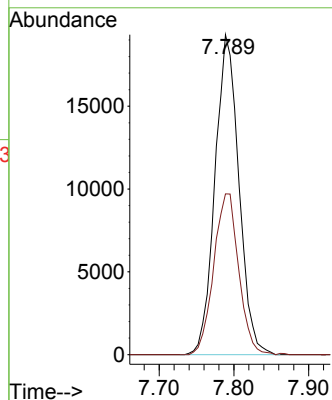
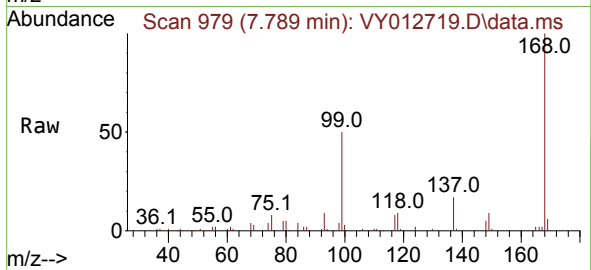




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012719.D
Acq: 24 Feb 2023 13:24

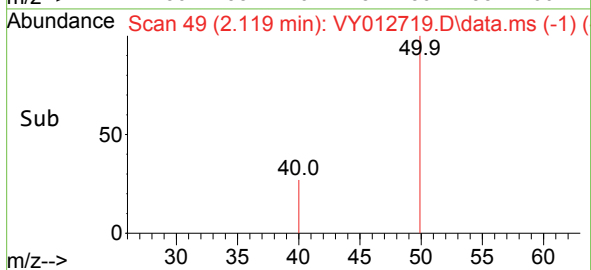
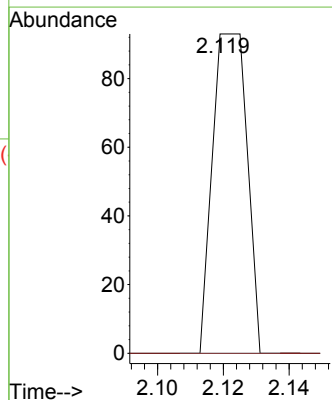
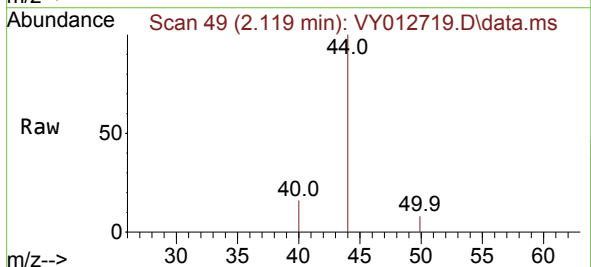
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231RE

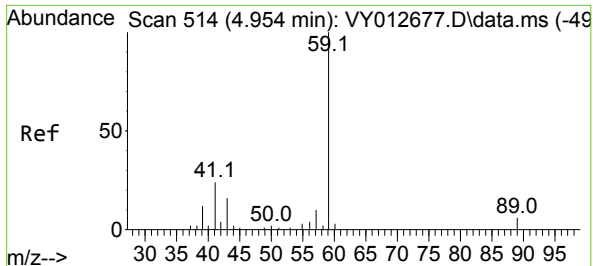
Tgt Ion:168 Resp: 42895
Ion Ratio Lower Upper
168 100
99 50.3 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012719.D
Acq: 24 Feb 2023 13:24

Tgt Ion: 50 Resp: 68
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#





#11

Tert butyl alcohol

Concen: 1.552 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.000 min

Lab File: VY012719.D

Acq: 24 Feb 2023 13:24

Instrument :

MSVOA_Y

ClientSampleId :

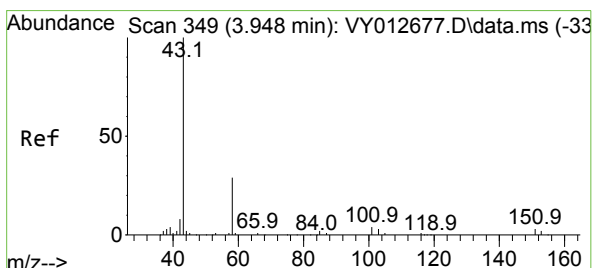
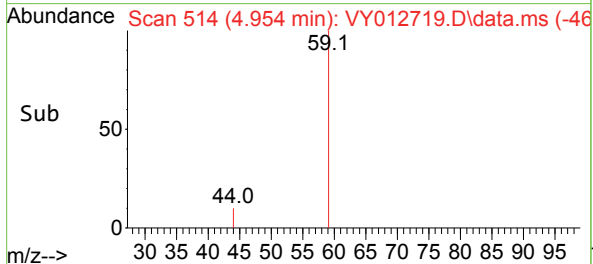
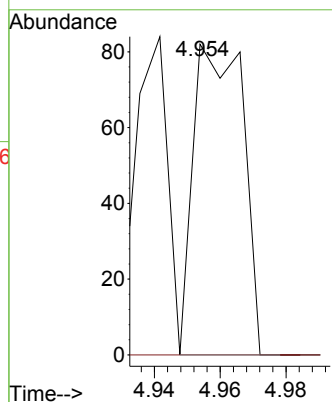
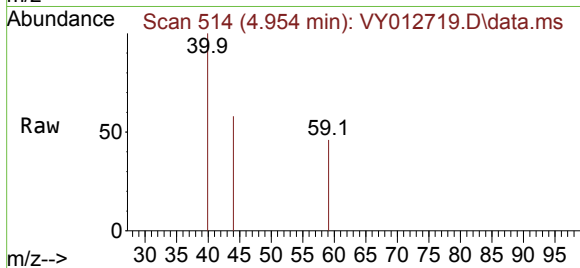
VNJ-231RE

Tgt Ion: 59 Resp: 86

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#16

Acetone

Concen: 2.982 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.013 min

Lab File: VY012719.D

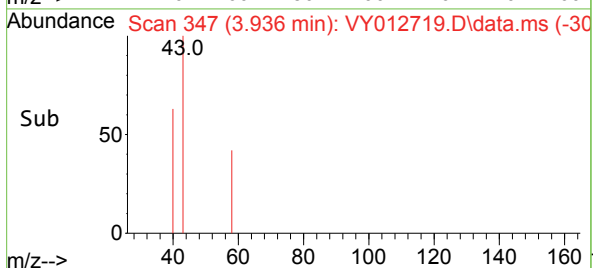
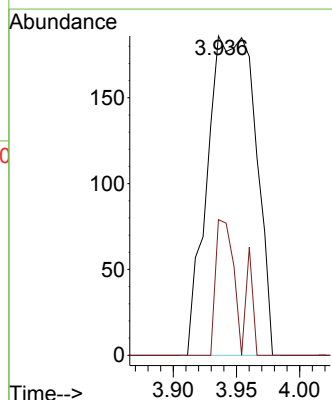
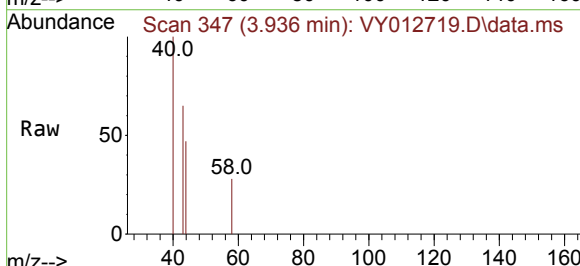
Acq: 24 Feb 2023 13:24

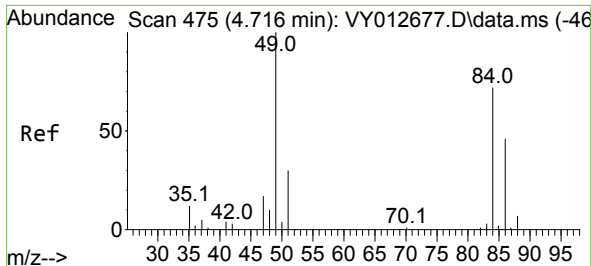
Tgt Ion: 43 Resp: 493

Ion Ratio Lower Upper

43 100

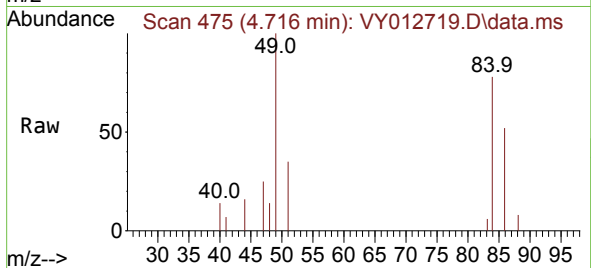
58 42.5 23.3 34.9#





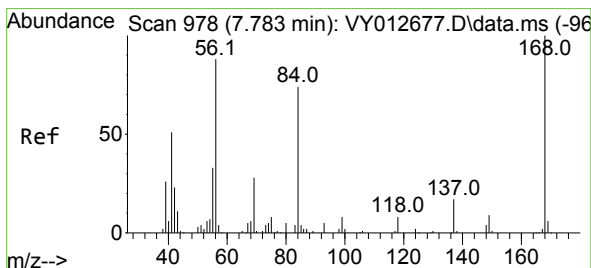
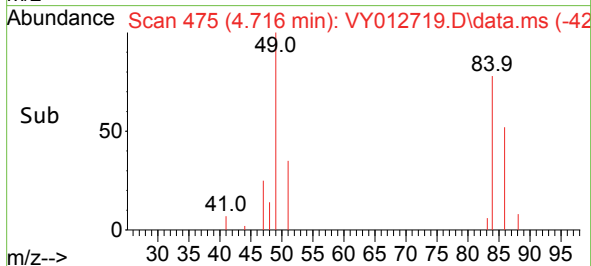
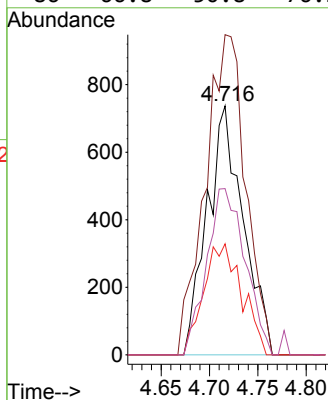
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012719.D
Acq: 24 Feb 2023 13:24

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231RE



Tgt Ion: 84 Resp: 1913

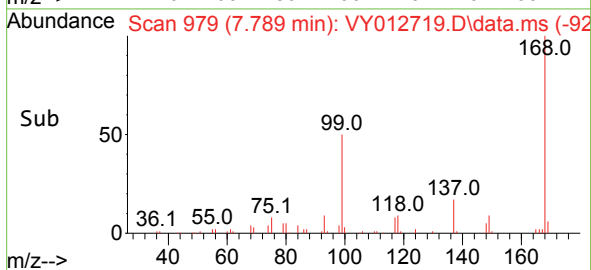
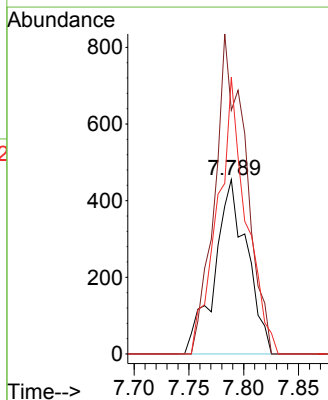
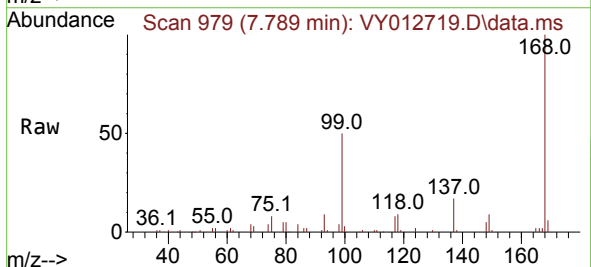
Ion	Ratio	Lower	Upper
84	100		
49	128.6	111.1	166.7
51	44.6	33.5	50.3
86	66.8	50.8	76.2

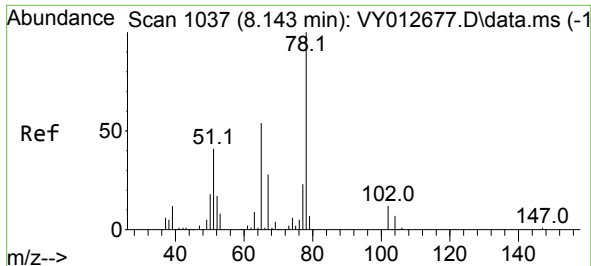


#31
Cyclohexane
Concen: 1.063 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012719.D
Acq: 24 Feb 2023 13:24

Tgt Ion: 56 Resp: 936

Ion	Ratio	Lower	Upper
56	100		
69	139.8	25.4	38.2#
84	158.7	67.3	100.9#

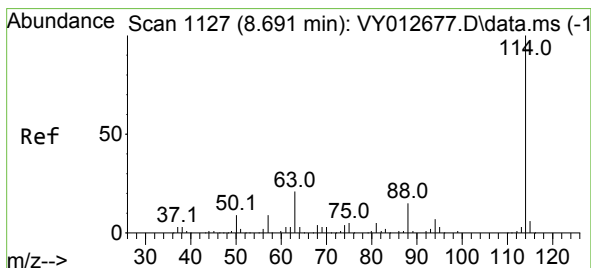
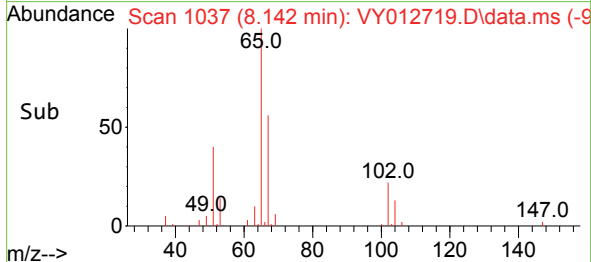
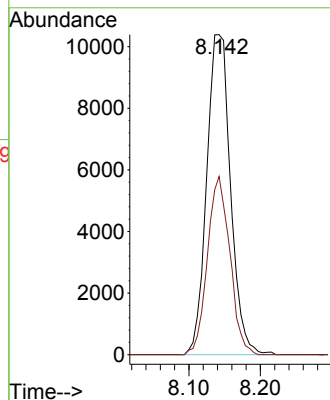
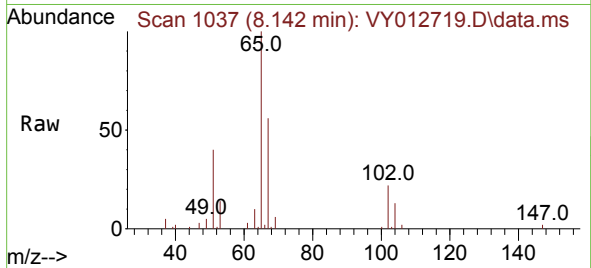




#33
1,2-Dichloroethane-d4
Concen: 47.595 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012719.D
Acq: 24 Feb 2023 13:24

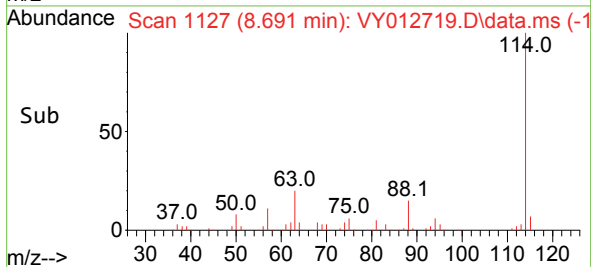
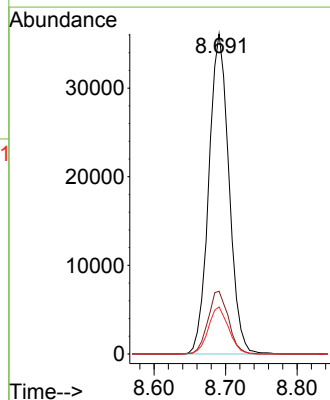
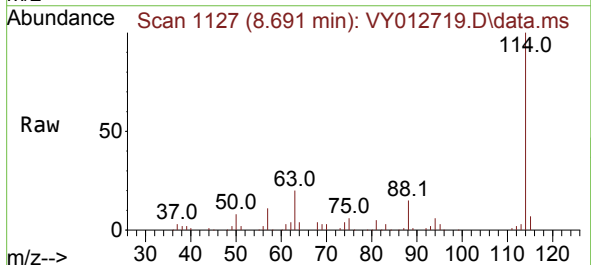
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231RE

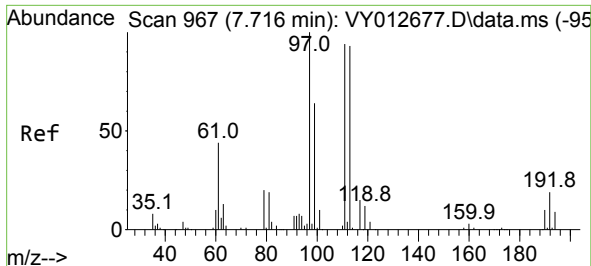
Tgt Ion: 65 Resp: 24112
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012719.D
Acq: 24 Feb 2023 13:24

Tgt Ion: 114 Resp: 70566
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.8
88 14.7 0.0 29.6

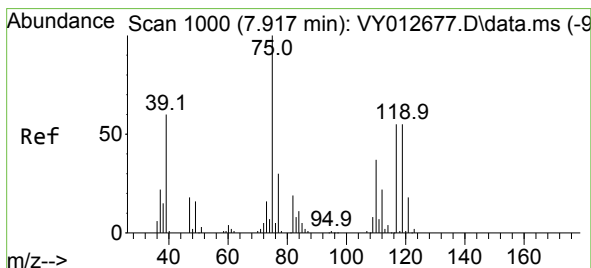
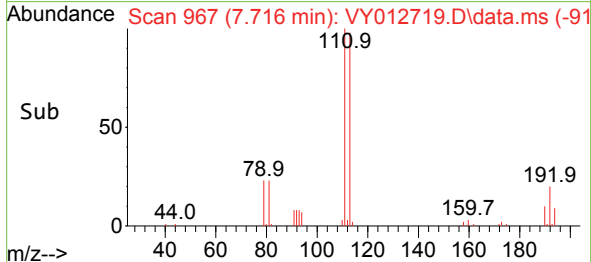
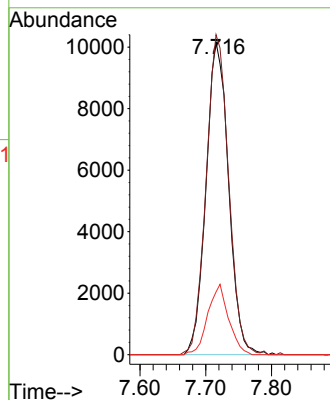
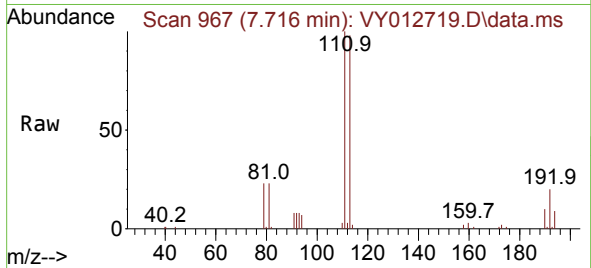




#35
Dibromofluoromethane
Concen: 50.878 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012719.D
Acq: 24 Feb 2023 13:24

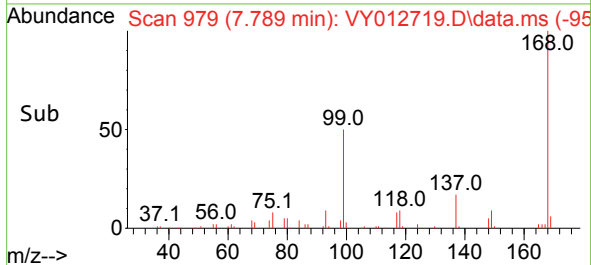
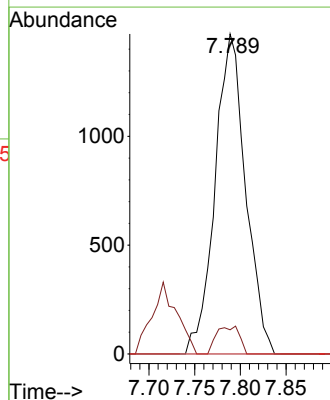
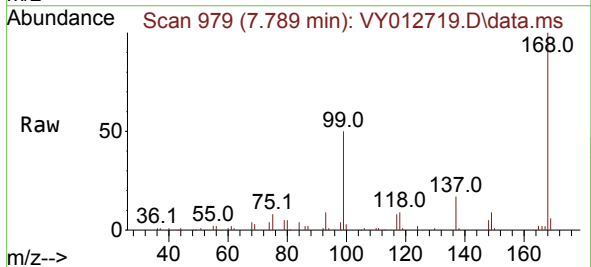
Instrument :
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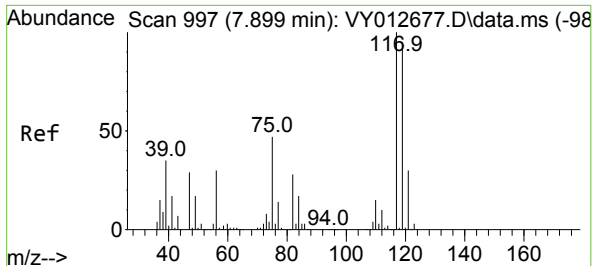
Tgt Ion:113 Resp: 24250
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 20.8 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.531 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012719.D
Acq: 24 Feb 2023 13:24

Tgt Ion: 75 Resp: 3423
Ion Ratio Lower Upper
75 100
110 6.5 17.6 52.8#
77 0.0 24.6 37.0#

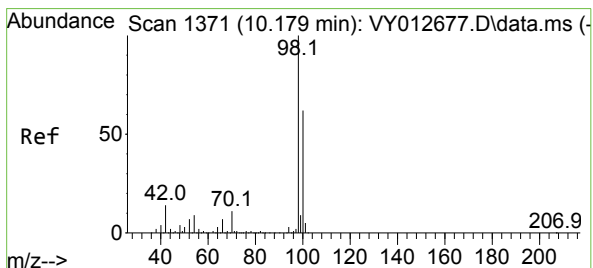
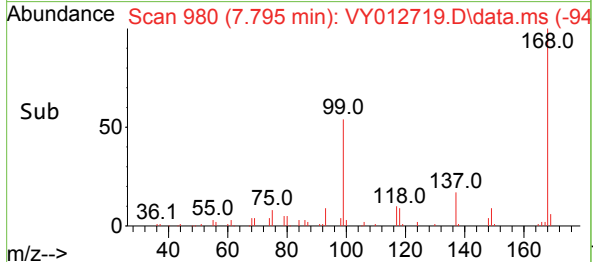
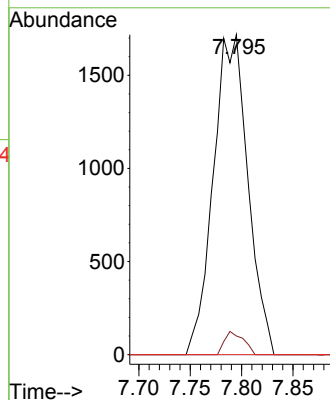
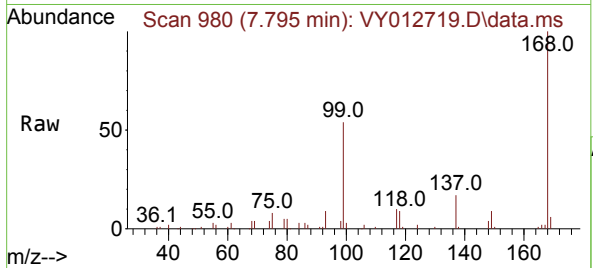




#38
Carbon Tetrachloride
Concen: 5.141 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY012719.D
Acq: 24 Feb 2023 13:24

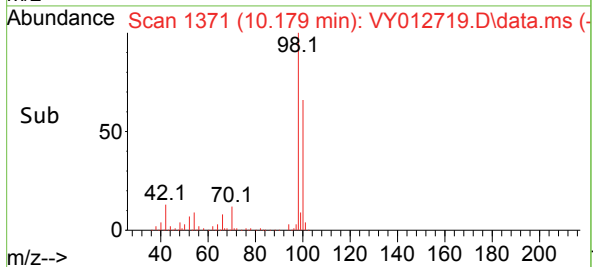
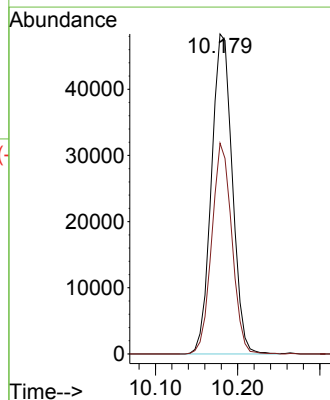
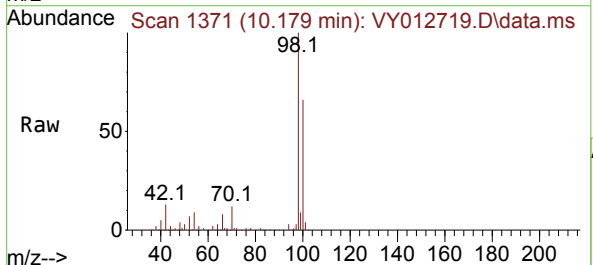
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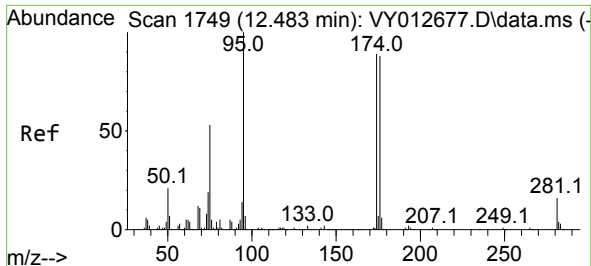
Tgt Ion:117 Resp: 4016
Ion Ratio Lower Upper
117 100
119 5.8 75.5 113.3#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 47.726 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY012719.D
Acq: 24 Feb 2023 13:24

Tgt Ion: 98 Resp: 85222
Ion Ratio Lower Upper
98 100
100 63.5 51.2 76.8

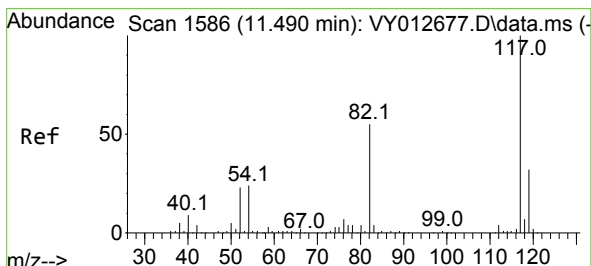
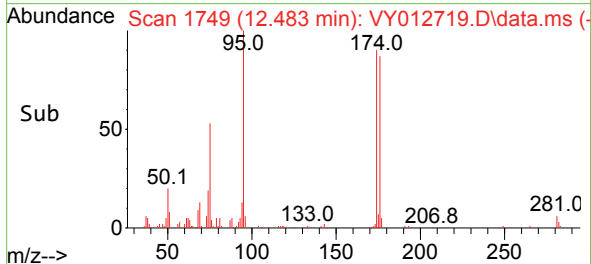
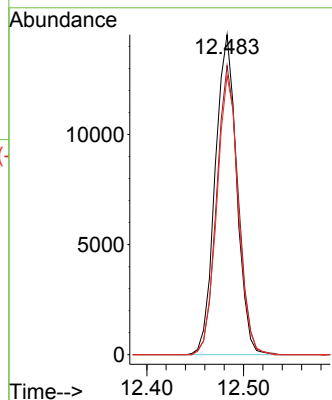
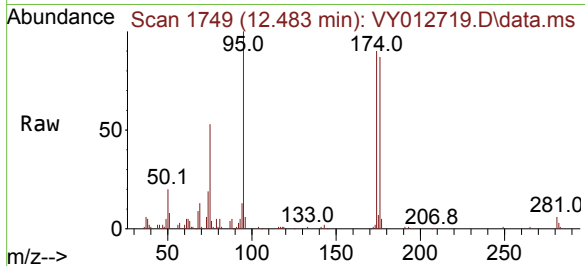




#62
4-Bromofluorobenzene
Concen: 39.269 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012719.D
Acq: 24 Feb 2023 13:24

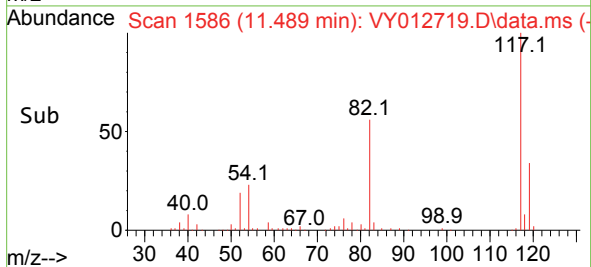
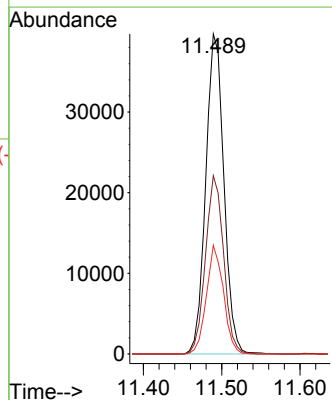
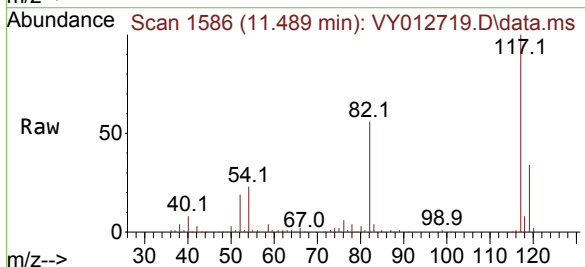
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231RE

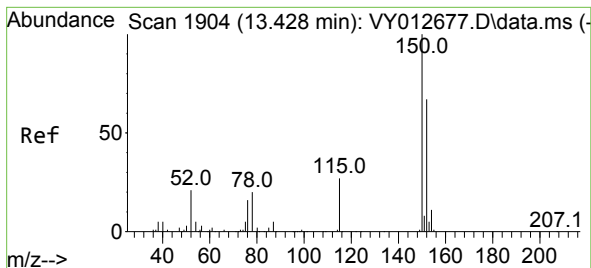
Tgt Ion: 95 Resp: 22439
Ion Ratio Lower Upper
95 100
174 91.0 0.0 172.8
176 87.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012719.D
Acq: 24 Feb 2023 13:24

Tgt Ion: 117 Resp: 63810
Ion Ratio Lower Upper
117 100
82 55.7 44.1 66.1
119 34.0 25.5 38.3

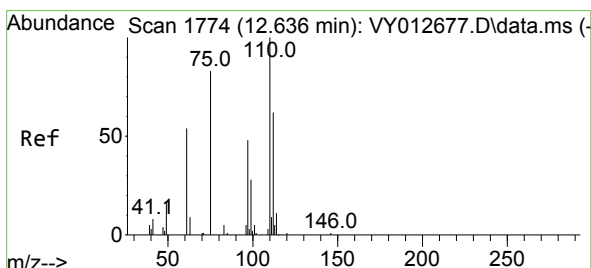
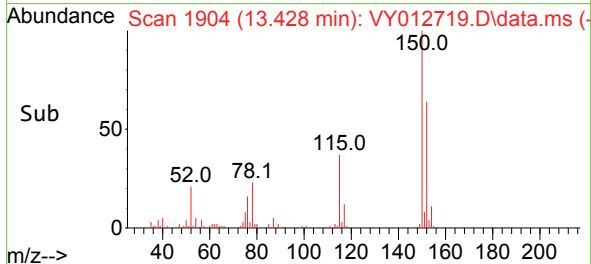
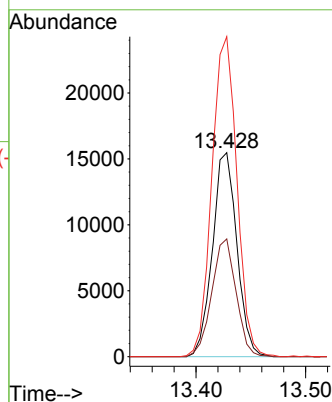
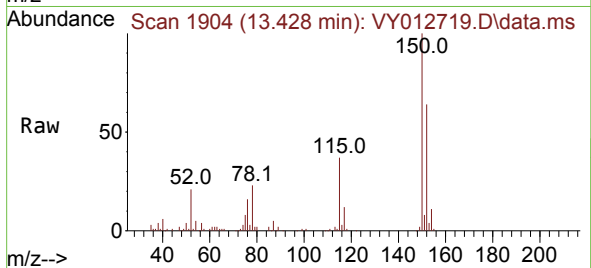




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012719.D
 Acq: 24 Feb 2023 13:24

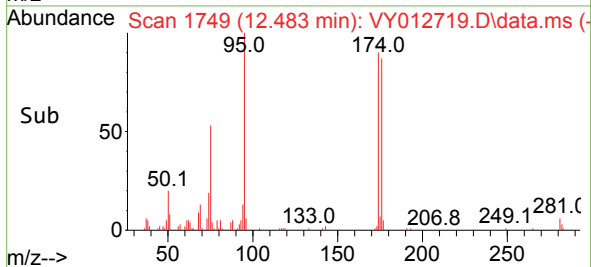
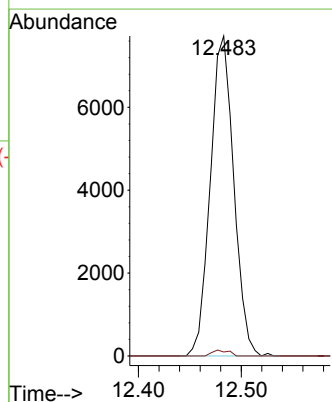
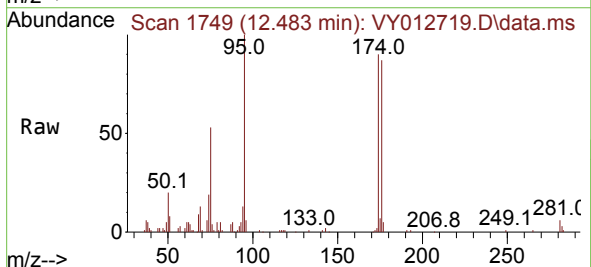
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-231RE

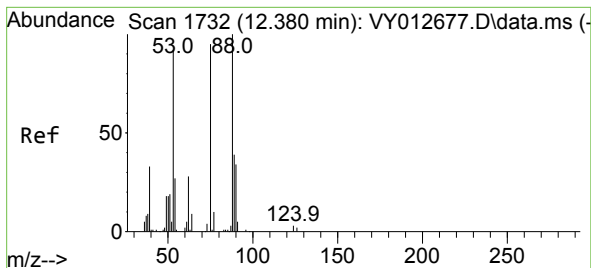
Tgt Ion:152 Resp: 24007
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.7 86.3
 150 160.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.914 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY012719.D
 Acq: 24 Feb 2023 13:24

Tgt Ion: 75 Resp: 12245
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 86.676 ug/l

RT: 12.483 min Scan# 11

Delta R.T. 0.103 min

Lab File: VY012719.D

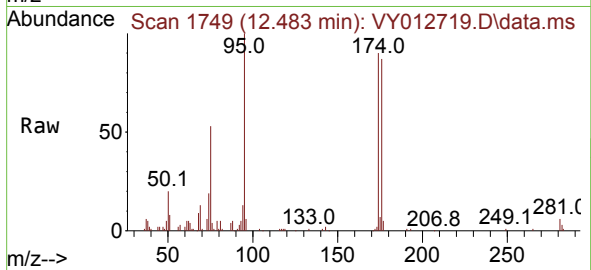
Acq: 24 Feb 2023 13:24

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-231RE



Tgt Ion: 75 Resp: 12245

Ion Ratio Lower Upper

75 100

53 0.0 80.4 120.6#

89 0.2 36.5 54.7#

