

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019529.D
 Acq On : 21 Nov 2020 05:54
 Operator : JC/MD
 Sample : L4778-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-223

Quant Time: Nov 21 08:02:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	339602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	551230	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	482685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221564	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	201703	45.81	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	91.62%	
35) Dibromofluoromethane	5.46	113	163312	47.20	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	94.40%	
50) Toluene-d8	8.70	98	651494	48.45	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.12	95	233933	48.36	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	96.72%	

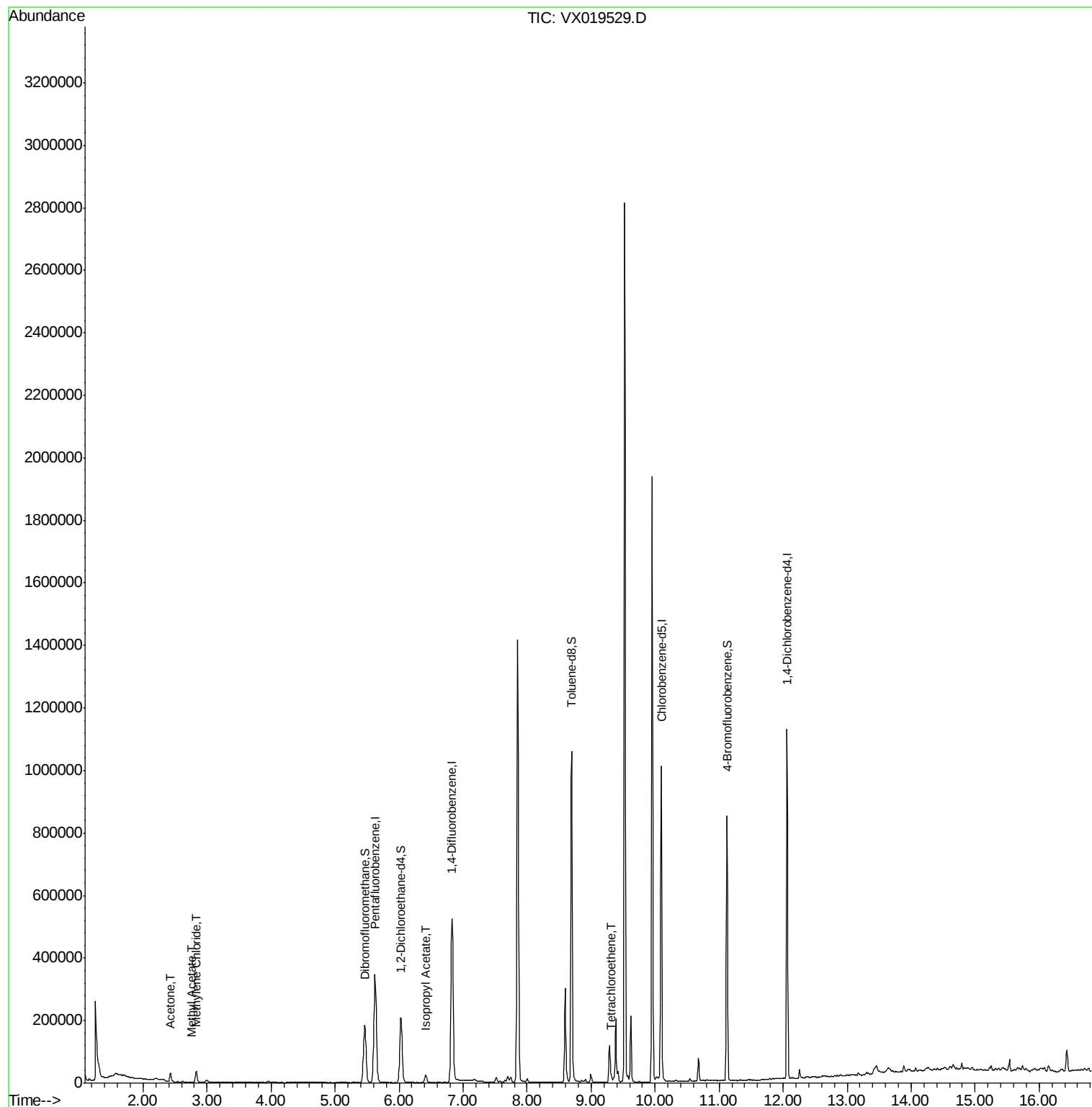
Target Compounds					Qvalue
16) Acetone	2.43	43	29244	17.174	ug/l 93
18) Methyl Acetate	2.75	43	2363	1.193	ug/l 95
20) Methylene Chloride	2.83	84	17970	4.222	ug/l 97
43) Isopropyl Acetate	6.42	43	32369	3.969	ug/l 99
64) Tetrachloroethene	9.32	164	3882	1.023	ug/l 93

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019529.D

Acq: 21 Nov 2020 05:54

Instrument :

MSVOA_X

ClientSampleId :

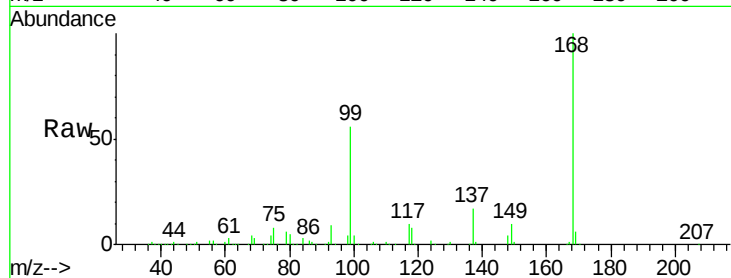
VNJ-223

Tot Ion:168 Resp: 339602

Ion Ratio Lower Upper

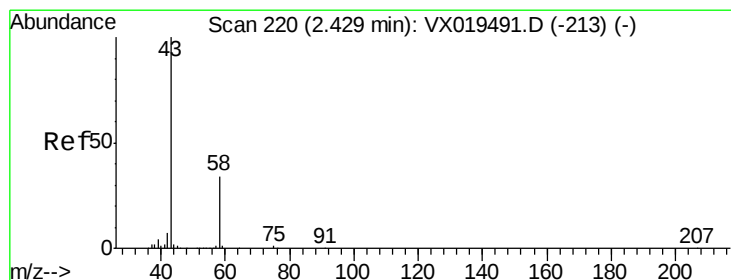
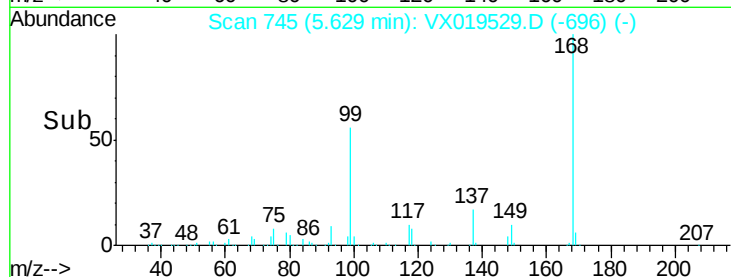
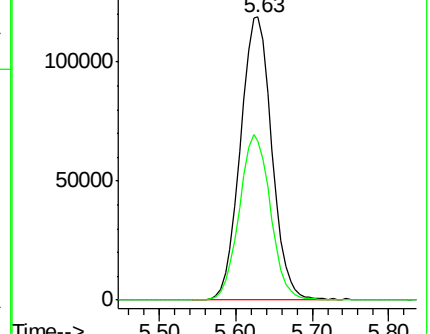
168 100

99 56.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 17.174 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX019529.D

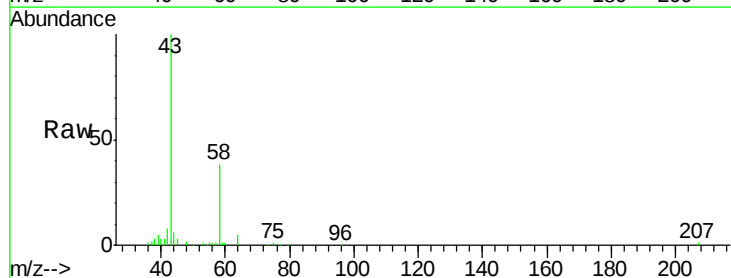
Acq: 21 Nov 2020 05:54

Tgt Ion: 43 Resp: 29244

Ion Ratio Lower Upper

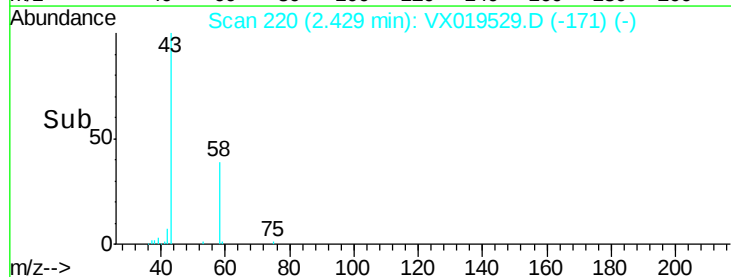
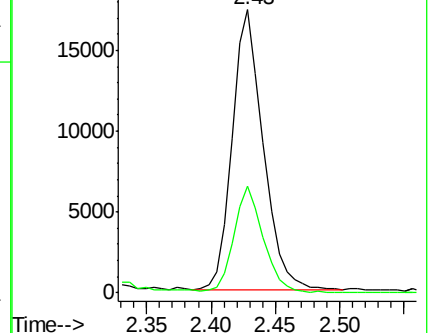
43 100

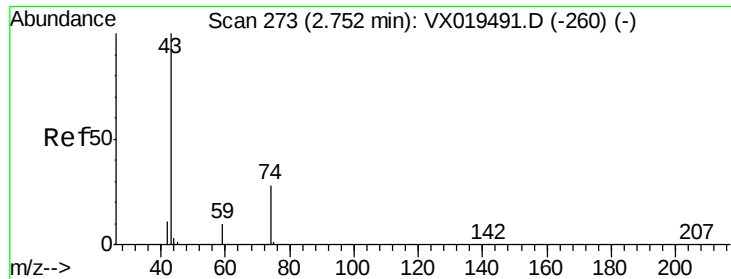
58 38.2 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

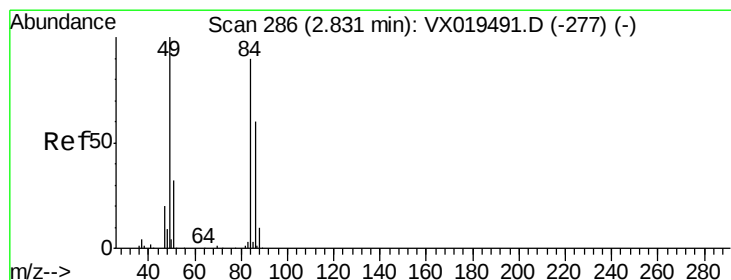
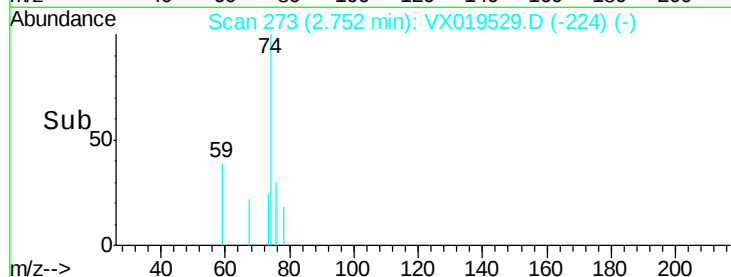
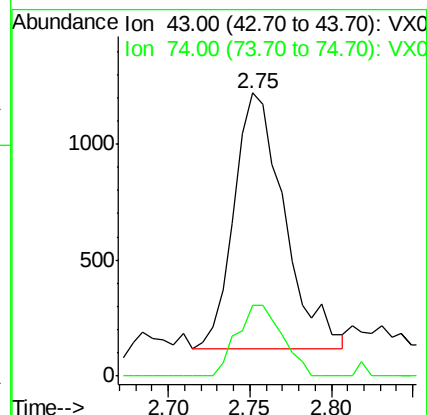
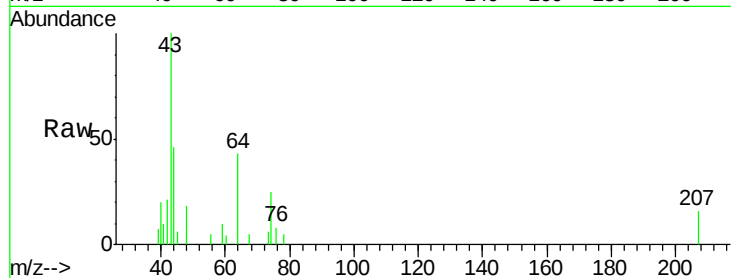




#18
Methyl Acetate
Concen: 1.193 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019529.D
Acq: 21 Nov 2020 05:54

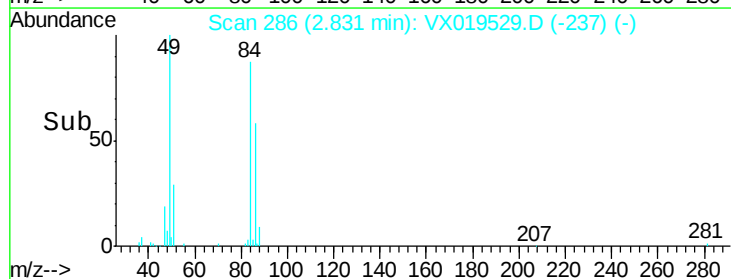
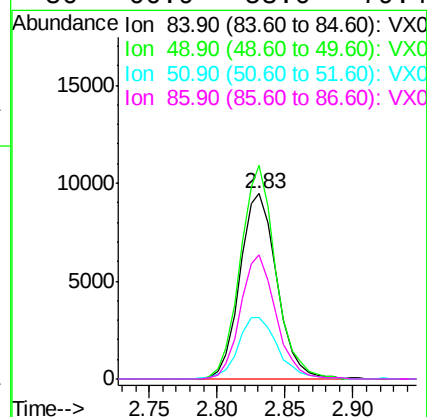
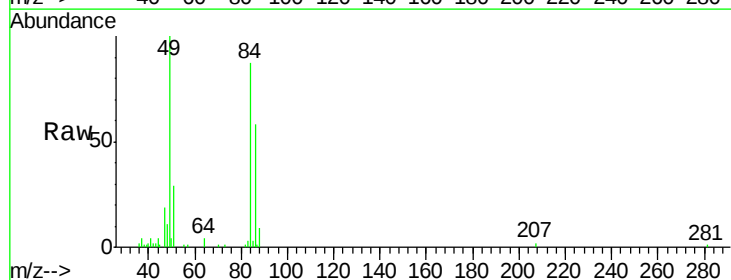
Instrument :
MSVOA_X
ClientSampled :
VNJ-223

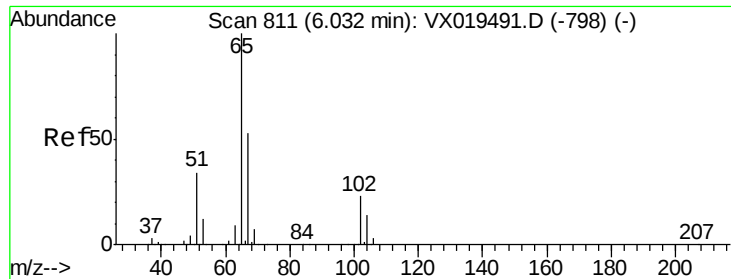
Tot Ion: 43 Resp: 2363
Ion Ratio Lower Upper
43 100
74 25.1 22.2 33.4



#20
Methylene Chloride
Concen: 4.222 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019529.D
Acq: 21 Nov 2020 05:54

Tgt Ion: 84 Resp: 17970
Ion Ratio Lower Upper
84 100
49 115.2 88.5 132.7
51 33.3 28.0 42.0
86 66.9 53.0 79.4

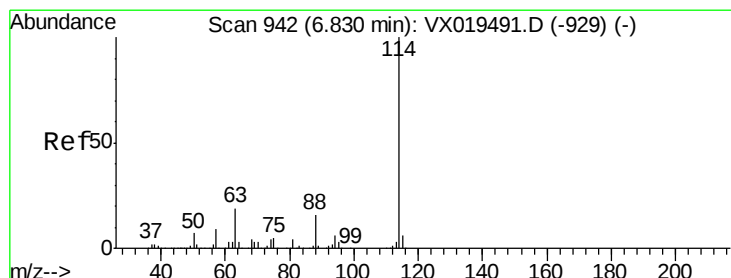
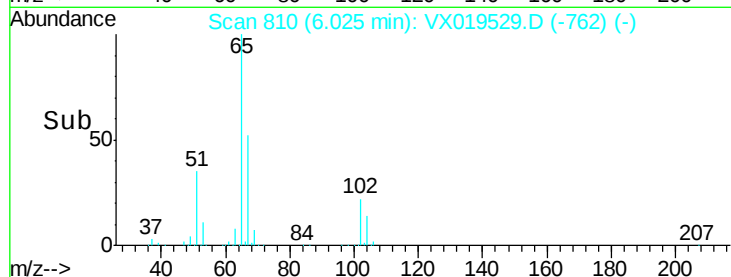
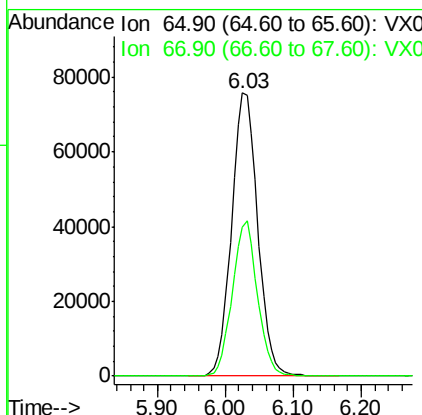
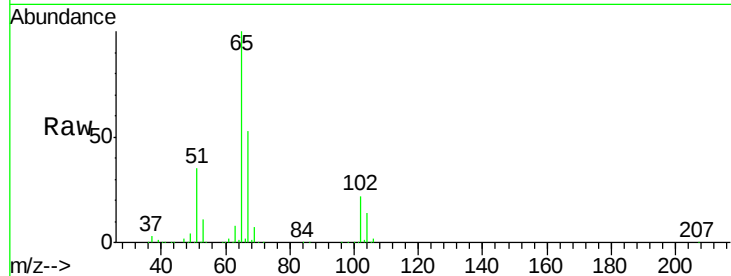




#33
 1,2-Dichloroethane-d4
 Concen: 45.808 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019529.D
 Acq: 21 Nov 2020 05:54

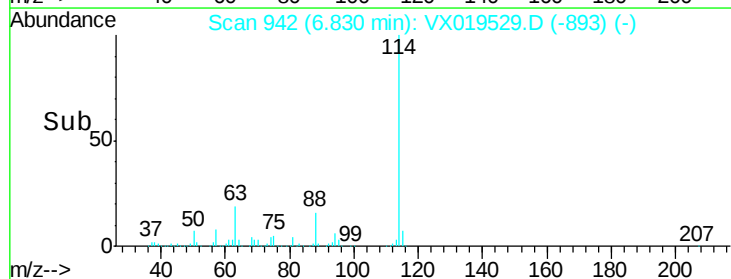
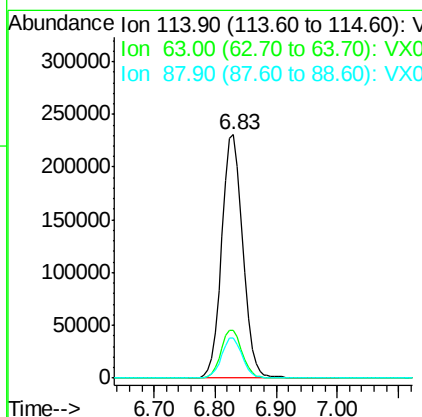
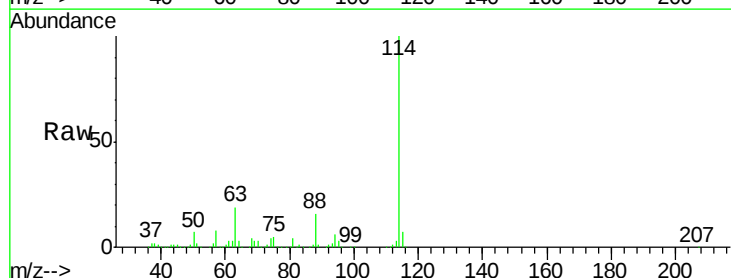
Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-223

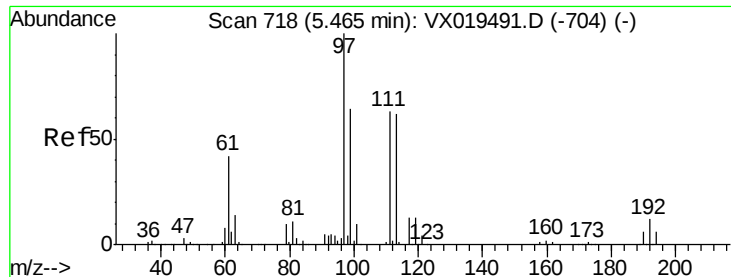
Tot Ion: 65 Resp: 201703
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019529.D
 Acq: 21 Nov 2020 05:54

Tgt Ion: 114 Resp: 551230
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.8
 88 16.2 0.0 31.6

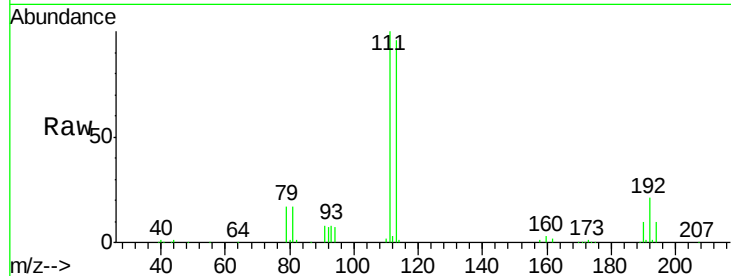




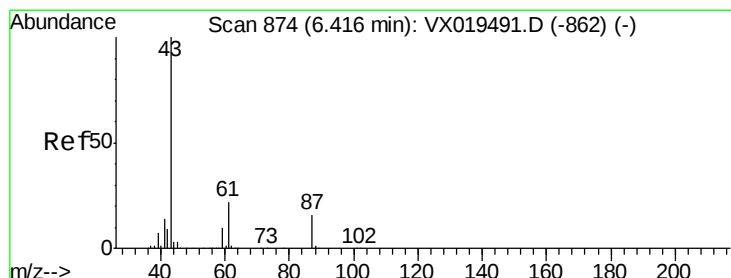
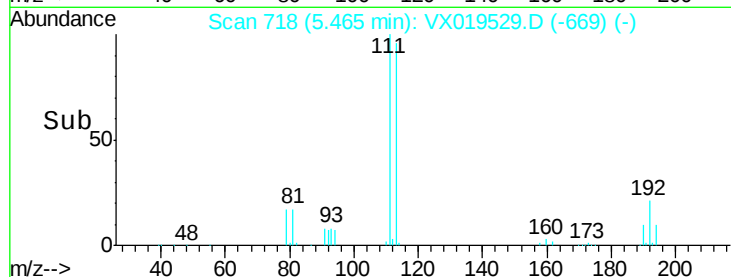
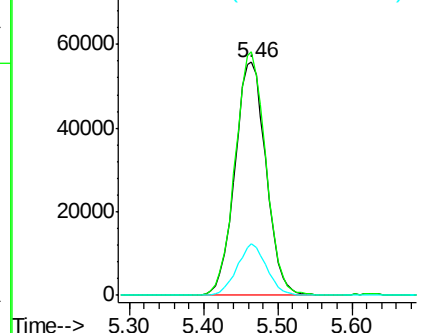
#35
 Dibromofluoromethane
 Concen: 47.199 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019529.D
 Acq: 21 Nov 2020 05:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-223

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.5	122.3
192	20.8	16.2	24.2

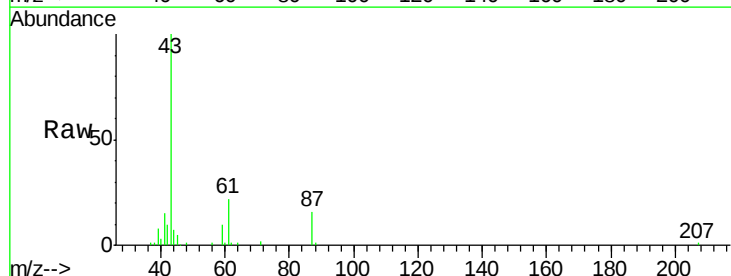


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

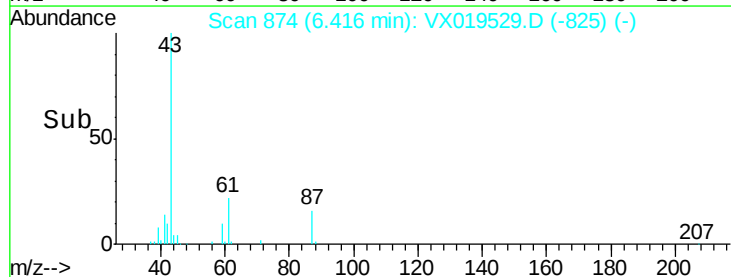
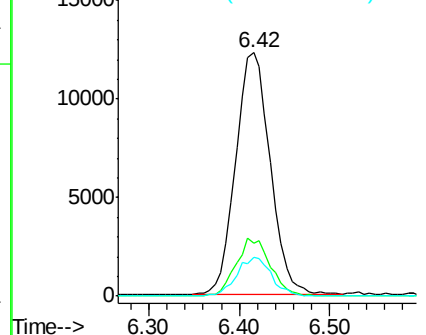


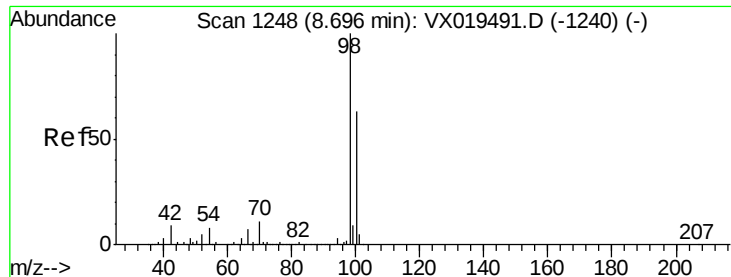
#43
 Isopropyl Acetate
 Concen: 3.969 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019529.D
 Acq: 21 Nov 2020 05:54

Tgt Ion	Ratio	Lower	Upper
43	100		
61	23.6	18.2	27.2
87	15.9	12.6	18.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 48.455 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019529.D

Acq: 21 Nov 2020 05:54

Instrument :

MSVOA_X

ClientSampleId :

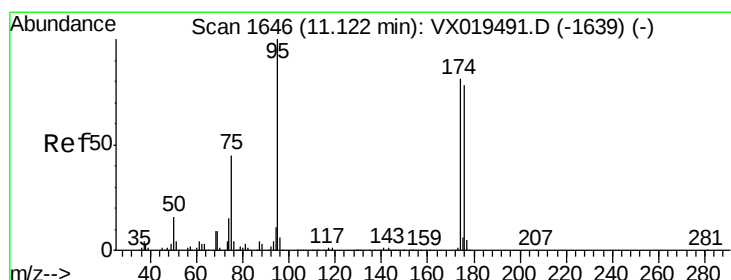
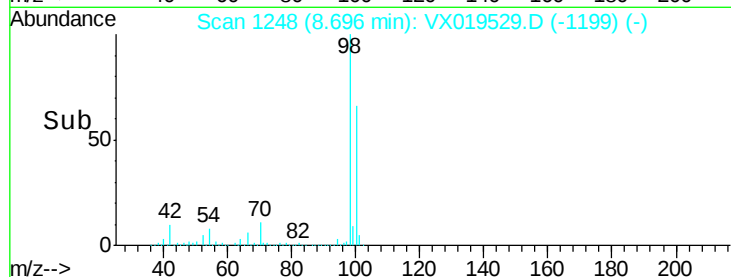
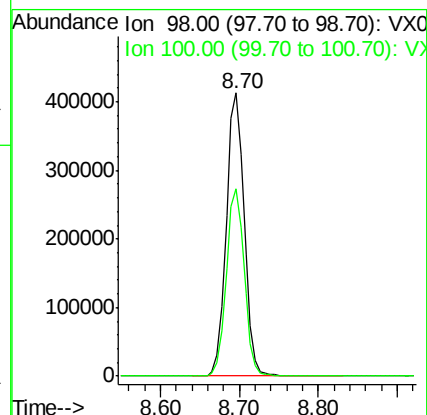
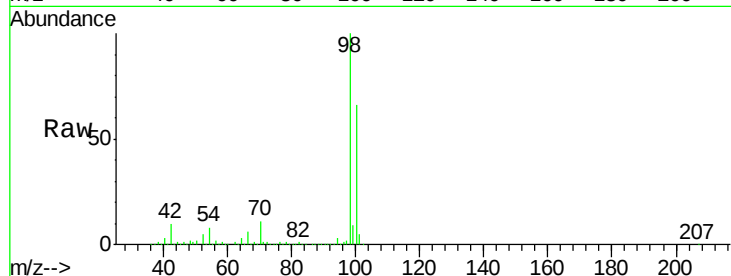
VNJ-223

Tot Ion: 98 Resp: 651494

Ion Ratio Lower Upper

98 100

100 66.5 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 48.358 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019529.D

Acq: 21 Nov 2020 05:54

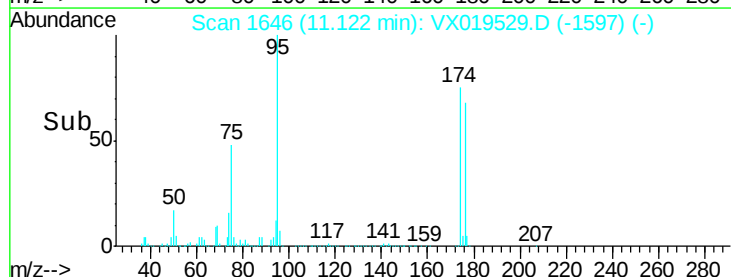
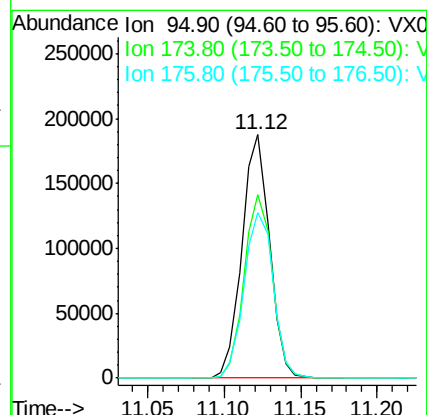
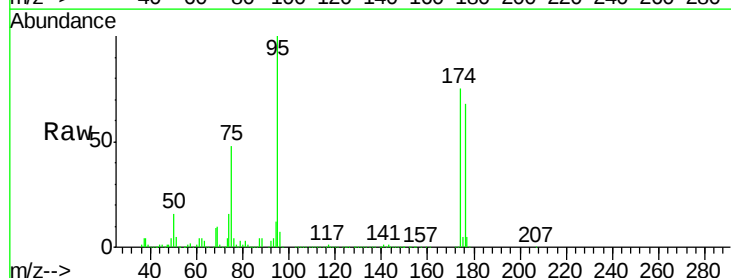
Tgt Ion: 95 Resp: 233933

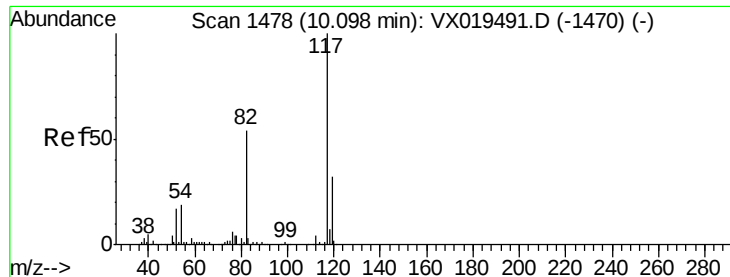
Ion Ratio Lower Upper

95 100

174 77.3 0.0 156.2

176 72.6 0.0 151.4

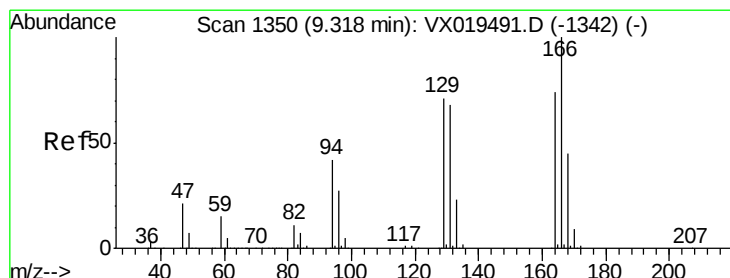
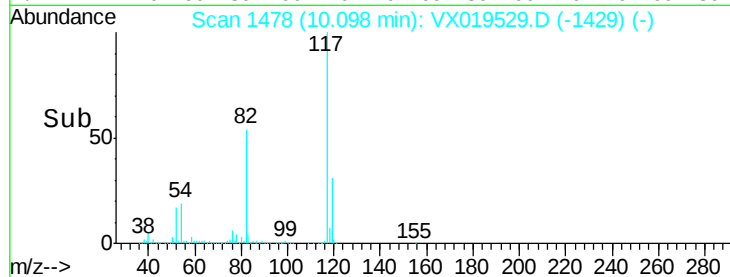
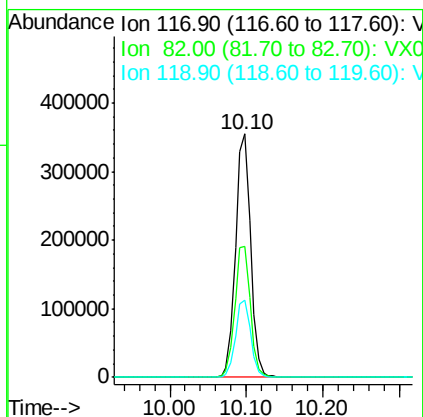
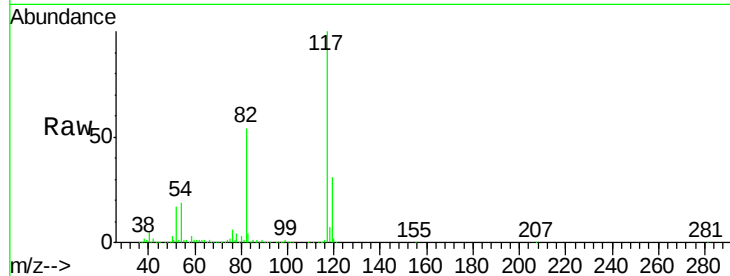




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019529.D
Acq: 21 Nov 2020 05:54

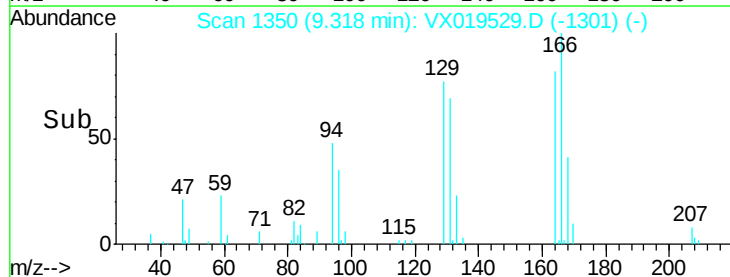
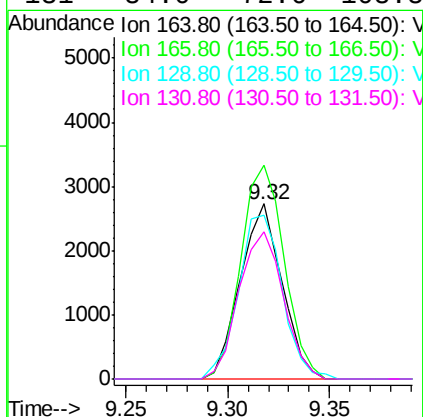
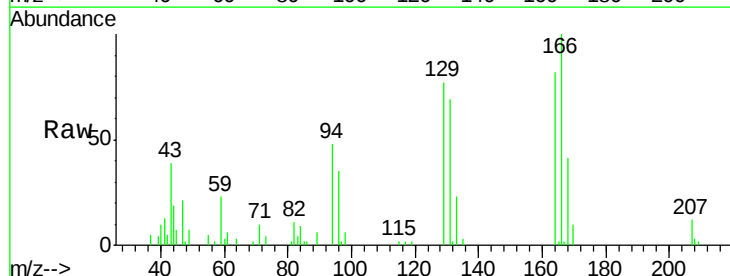
Instrument :
MSVOA_X
ClientSampleId :
VNJ-223

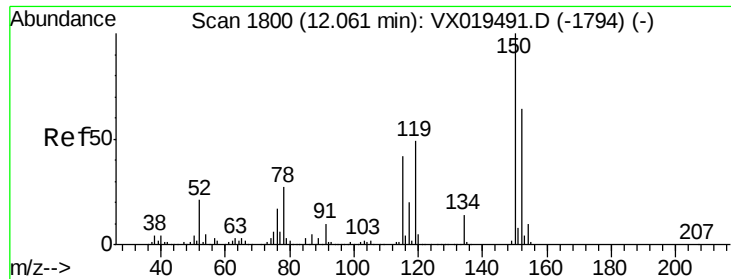
Tot Ion:117 Resp: 482685
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 31.5 25.6 38.4



#64
Tetrachloroethene
Concen: 1.023 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019529.D
Acq: 21 Nov 2020 05:54

Tgt Ion:164 Resp: 3882
Ion Ratio Lower Upper
164 100
166 122.0 107.4 161.0
129 93.3 76.6 114.8
131 84.0 72.6 108.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019529.D

Acq: 21 Nov 2020 05:54

Instrument :

MSVOA_X

ClientSampleId :

VNJ-223

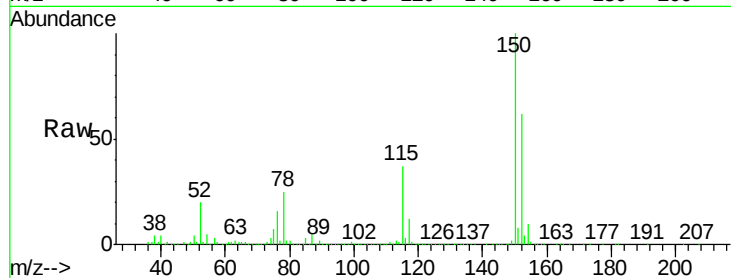
Tot Ion:152 Resp: 221564

Ion Ratio Lower Upper

152 100

115 60.0 41.8 125.4

150 158.1 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

