

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011321\
 Data File : VX020597.D
 Acq On : 13 Jan 2021 16:37
 Operator : JC/MD
 Sample : M1069-02
 Misc : 5.82g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FK-GF-02-065-AME

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 10:06:38 AM

Quant Time: Jan 13 17:08:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	193844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	302580	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	290791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.067	152	136289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	113268	48.65	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.30%
35) Dibromofluoromethane	5.464	113	98933	47.19	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.38%
50) Toluene-d8	8.696	98	361943	48.25	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.50%
62) 4-Bromofluorobenzene	11.122	95	131624	49.68	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.36%
Target Compounds						
					Qvalue	
18) Methyl Acetate	2.764	43	2450	1.19	ug/l	93
20) Methylene Chloride	2.831	84	1202	0.55	ug/l #	76
25) 2-Butanone	4.666	43	3334m	2.65	ug/l	
27) cis-1,2-Dichloroethene	4.556	96	1298	0.56	ug/l	92

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

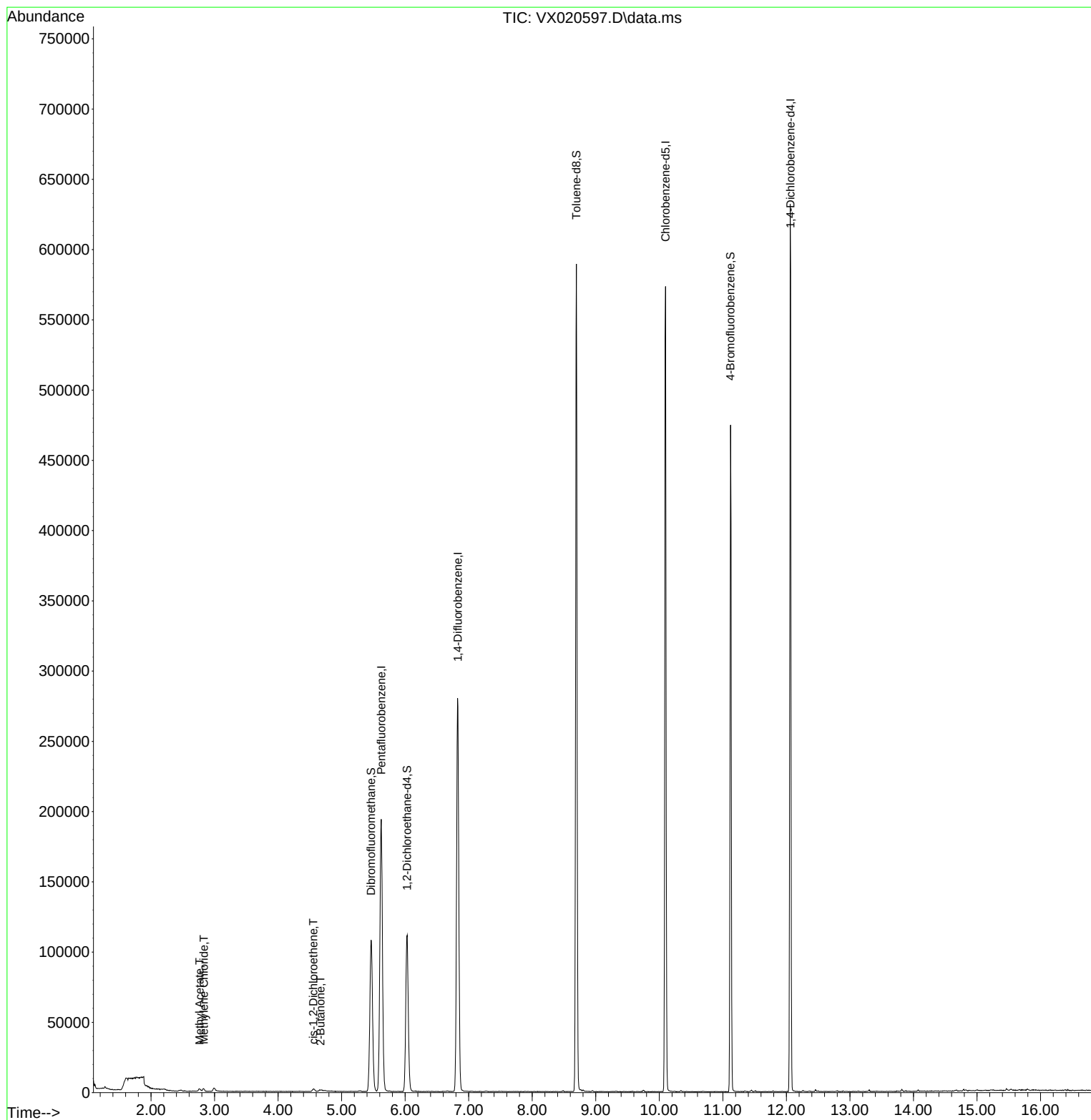
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011321\
Data File : VX020597.D
Acq On : 13 Jan 2021 16:37
Operator : JC/MD
Sample : M1069-02
Misc : 5.82g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

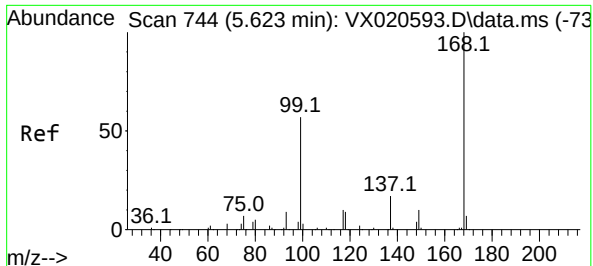
Instrument :
MSVOA_X
ClientSampleId :
FK-GF-02-065-AME

Manual Integrations
APPROVED

MMDadoda
1/15/2021 10:06:38 AM

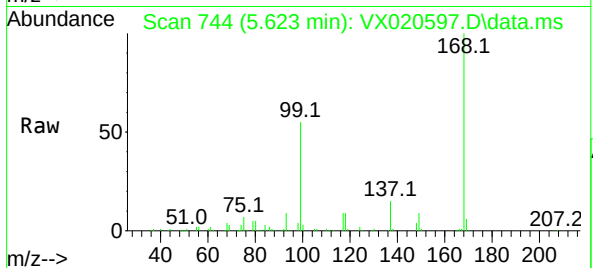
Quant Time: Jan 13 17:08:34 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 11 15:05:37 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020597.D
Acq: 13 Jan 2021 16:37

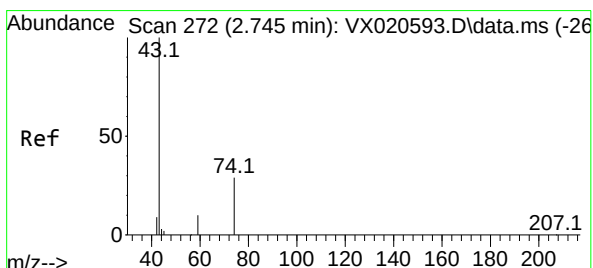
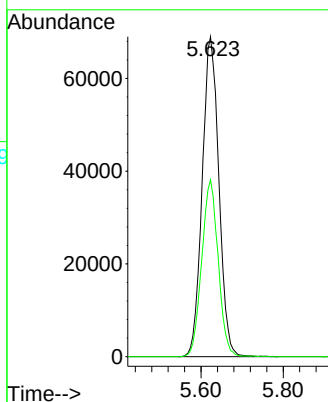
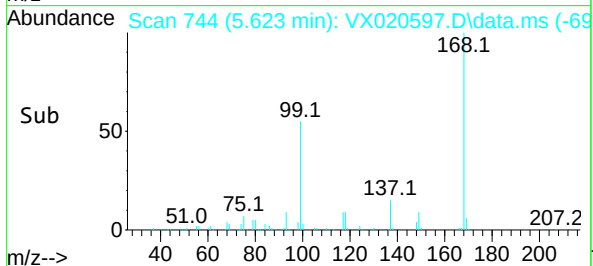
Instrument :
MSVOA_X
ClientSampleId :
FK-GF-02-065-AME



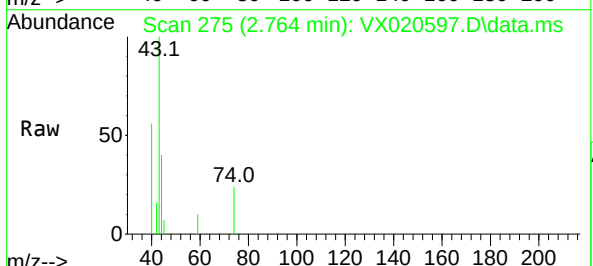
Tgt Ion:168 Resp: 193844
Ion Ratio Lower Upper
168 100
99 55.3 45.8 68.6

Manual Integrations
APPROVED

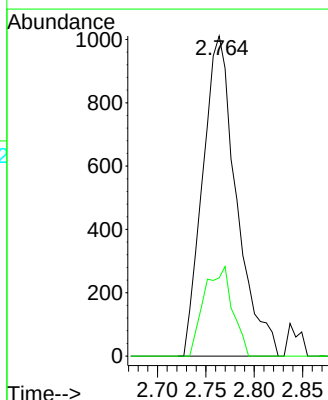
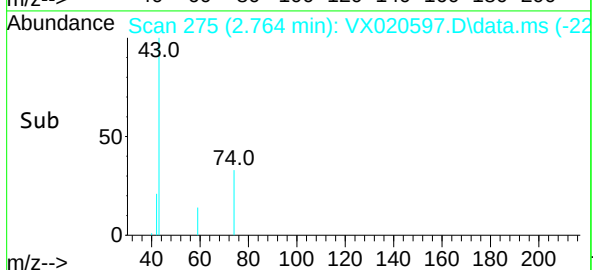
MMDadoda
1/15/2021 10:06:38 AM

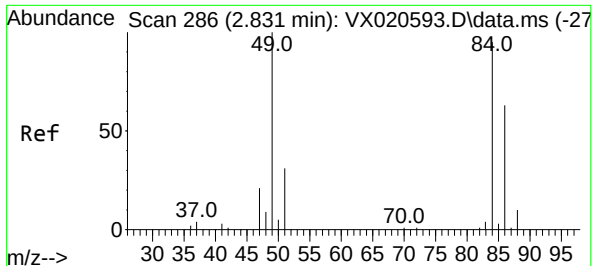


#18
Methyl Acetate
Concen: 1.19 ug/l
RT: 2.764 min Scan# 275
Delta R.T. 0.019 min
Lab File: VX020597.D
Acq: 13 Jan 2021 16:37



Tgt Ion: 43 Resp: 2450
Ion Ratio Lower Upper
43 100
74 23.5 21.9 32.9





#20

Methylene Chloride

Concen: 0.55 ug/l

RT: 2.831 min Scan# 286

Delta R.T. -0.000 min

Lab File: VX020597.D

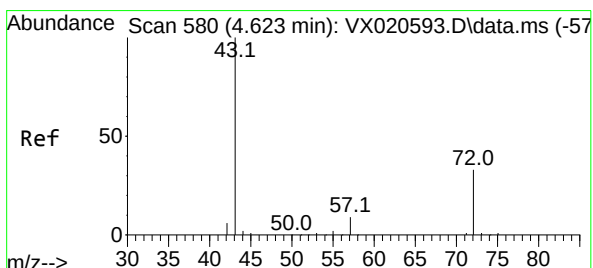
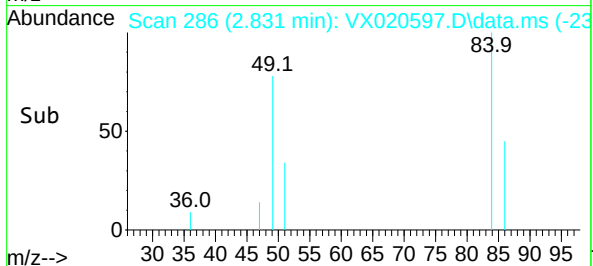
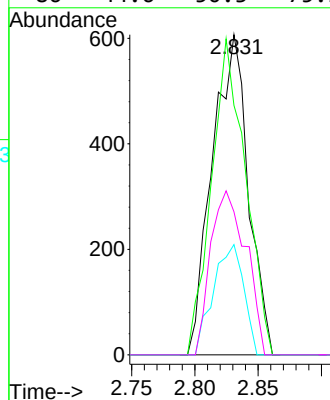
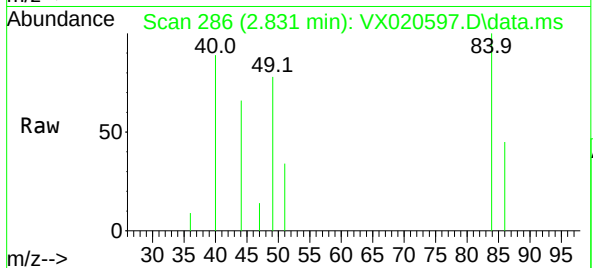
Acq: 13 Jan 2021 16:37

Tgt Ion:	84	Resp:	1202
Ion	Ratio	Lower	Upper
84	100		
49	77.9	88.6	132.8#
51	34.4	27.0	40.6
86	44.6	50.3	75.5#

Instrument :
MSVOA_X
ClientSampleId :
FK-GF-02-065-AME

Manual Integrations
APPROVED

MMDadoda
1/15/2021 10:06:38 AM



#25

2-Butanone

Concen: 2.65 ug/l m

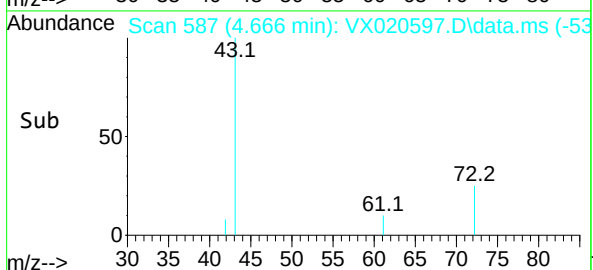
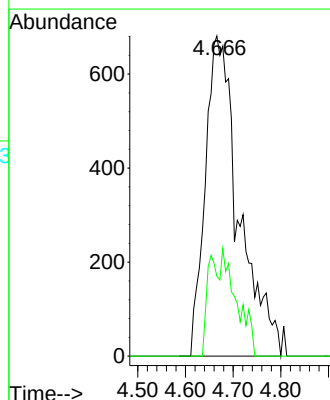
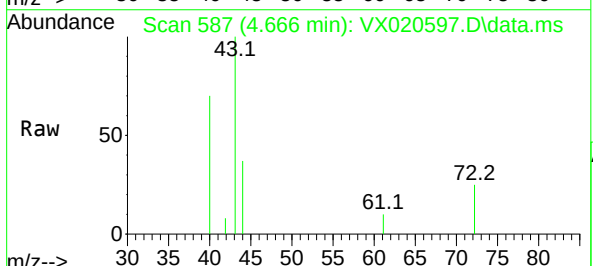
RT: 4.666 min Scan# 587

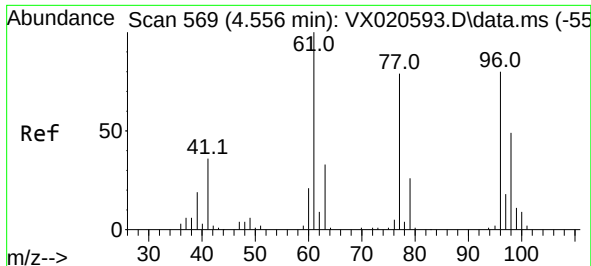
Delta R.T. 0.031 min

Lab File: VX020597.D

Acq: 13 Jan 2021 16:37

Tgt Ion:	43	Resp:	3334
Ion	Ratio	Lower	Upper
43	100		
72	25.0	23.7	35.5





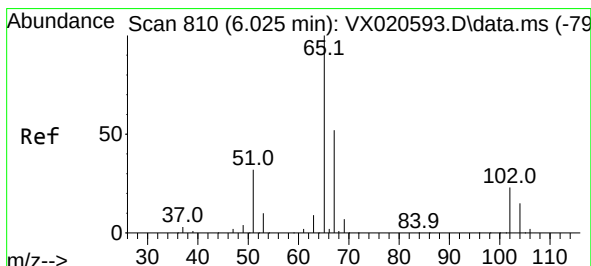
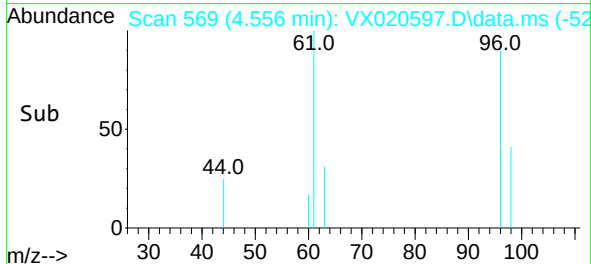
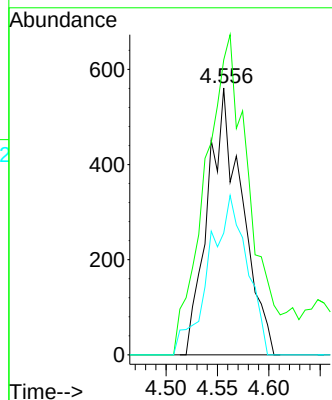
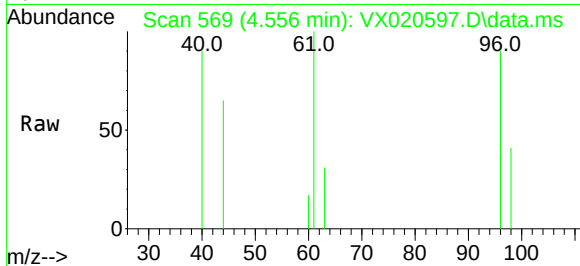
#27
 cis-1,2-Dichloroethene
 Concen: 0.56 ug/l
 RT: 4.556 min Scan# 569
 Delta R.T. -0.006 min
 Lab File: VX020597.D
 Acq: 13 Jan 2021 16:37

Tgt Ion: 96	Resp: 1298
Ion Ratio	Lower Upper
96 100	
61 156.1	0.0 285.6
98 66.6	0.0 129.6

Instrument :
 MSVOA_X
 ClientSampleId :
 FK-GF-02-065-AME

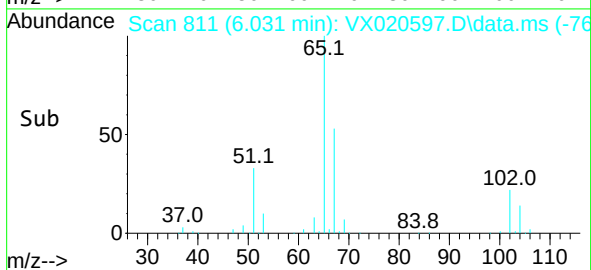
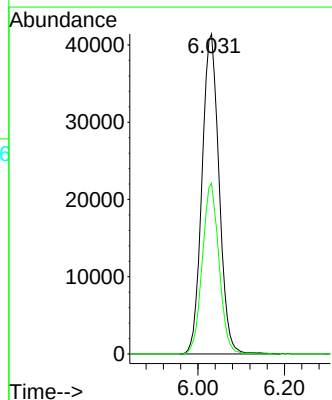
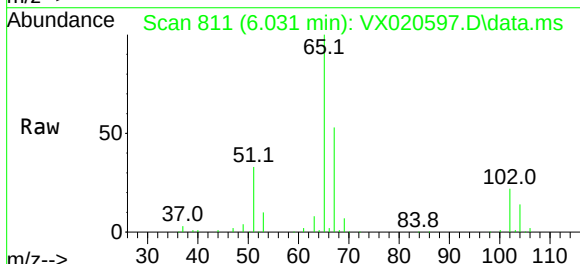
Manual Integrations
 APPROVED

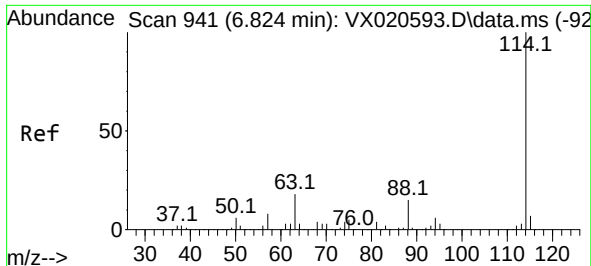
MMDadoda
 1/15/2021 10:06:38 AM



#33
 1,2-Dichloroethane-d4
 Concen: 48.65 ug/l
 RT: 6.031 min Scan# 811
 Delta R.T. 0.006 min
 Lab File: VX020597.D
 Acq: 13 Jan 2021 16:37

Tgt Ion: 65	Resp: 113268
Ion Ratio	Lower Upper
65 100	
67 52.2	0.0 105.4





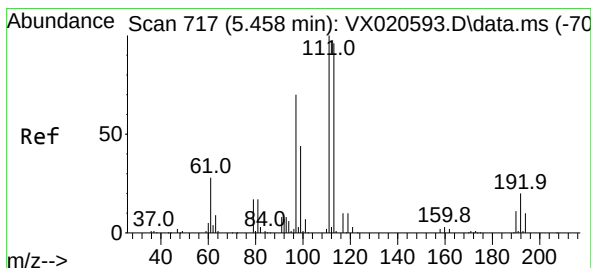
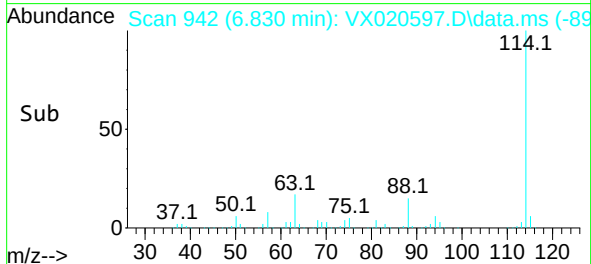
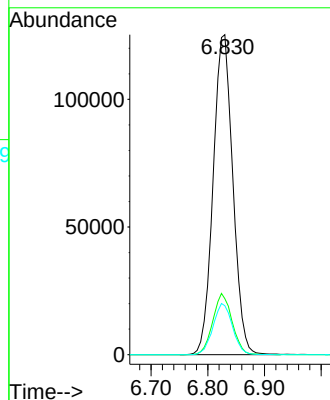
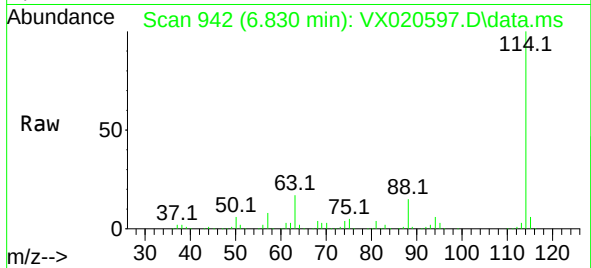
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020597.D
Acq: 13 Jan 2021 16:37

Tgt Ion:114 Resp: 302580
Ion Ratio Lower Upper
114 100
63 17.5 0.0 40.8
88 15.3 0.0 32.8

Instrument :
MSVOA_X
ClientSampleId :
FK-GF-02-065-AME

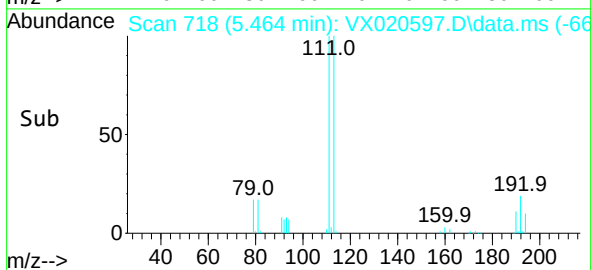
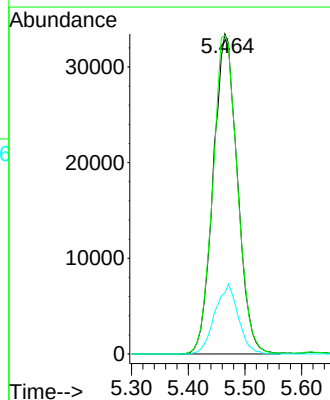
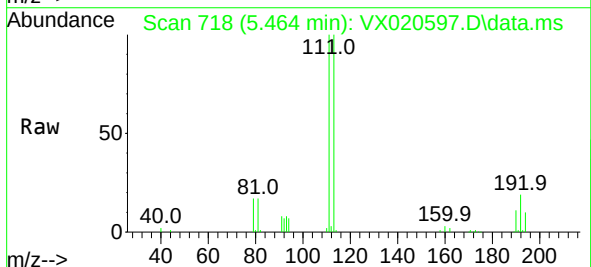
Manual Integrations
APPROVED

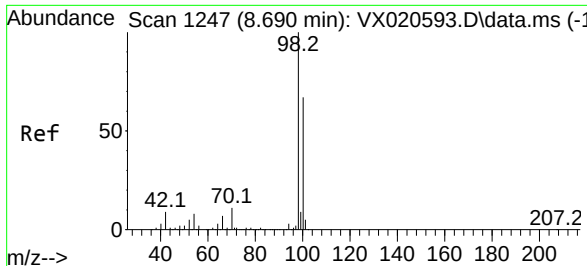
MMDadoda
1/15/2021 10:06:38 AM



#35
Dibromofluoromethane
Concen: 47.19 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020597.D
Acq: 13 Jan 2021 16:37

Tgt Ion:113 Resp: 98933
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 21.1 16.7 25.1





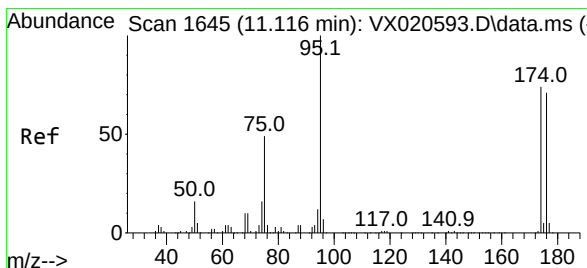
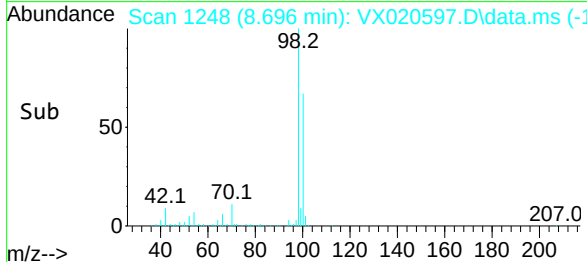
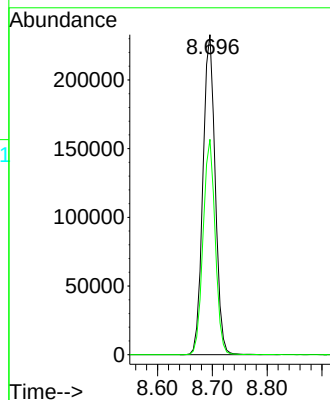
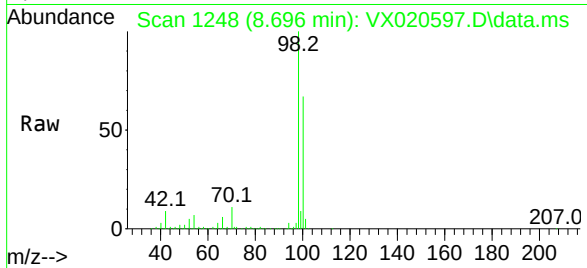
#50
Toluene-d8
Concen: 48.25 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020597.D
Acq: 13 Jan 2021 16:37

Tgt Ion: 98 Resp: 361943
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

Instrument :
MSVOA_X
ClientSampleId :
FK-GF-02-065-AME

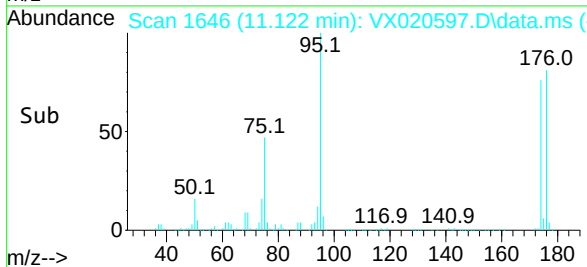
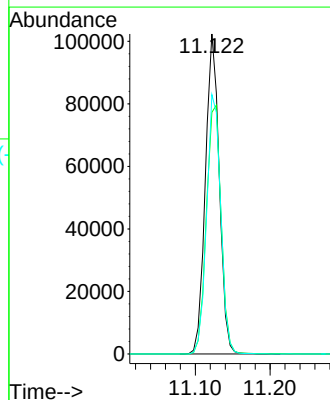
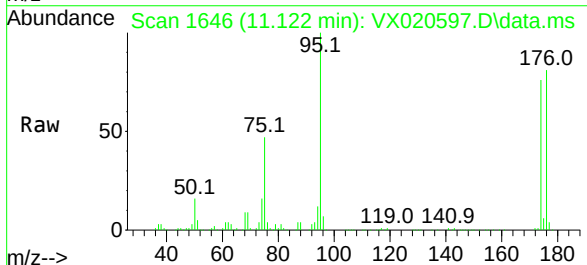
Manual Integrations
APPROVED

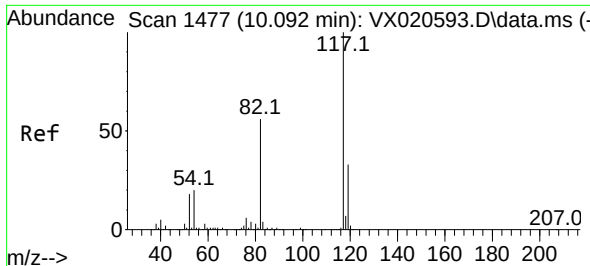
MMDadoda
1/15/2021 10:06:38 AM



#62
4-Bromofluorobenzene
Concen: 49.68 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020597.D
Acq: 13 Jan 2021 16:37

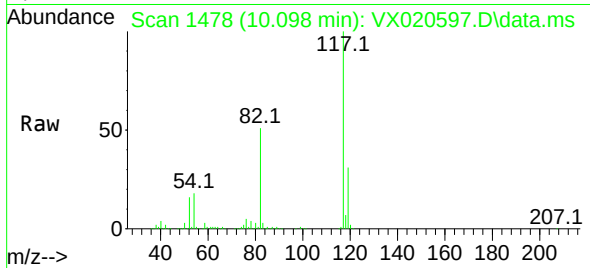
Tgt Ion: 95 Resp: 131624
Ion Ratio Lower Upper
95 100
174 82.7 0.0 154.6
176 82.5 0.0 155.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020597.D
Acq: 13 Jan 2021 16:37

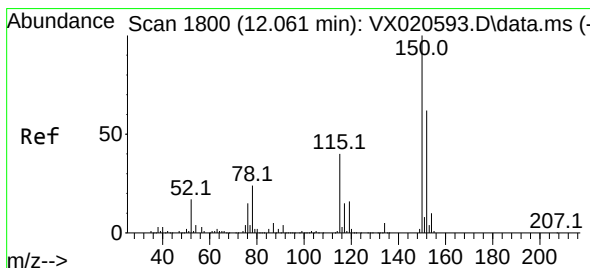
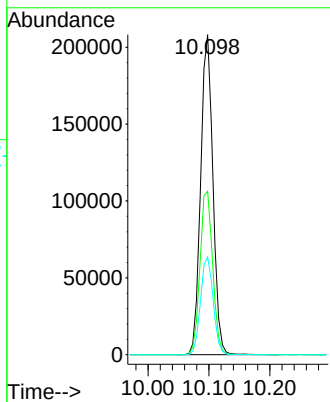
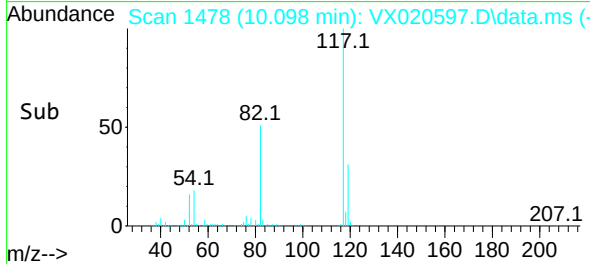
Instrument :
MSVOA_X
ClientSampleId :
FK-GF-02-065-AME



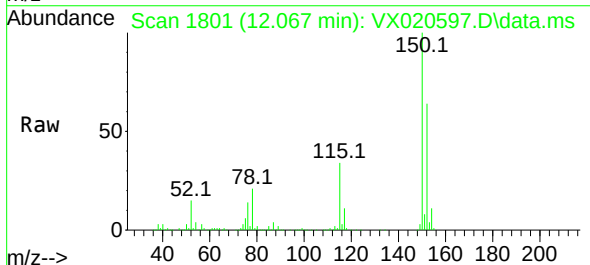
Tgt Ion:117 Resp: 290791
Ion Ratio Lower Upper
117 100
82 51.1 47.4 71.2
119 30.6 26.6 39.8

Manual Integrations
APPROVED

MMDadoda
1/15/2021 10:06:38 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.067 min Scan# 1801
Delta R.T. 0.006 min
Lab File: VX020597.D
Acq: 13 Jan 2021 16:37



Tgt Ion:152 Resp: 136289
Ion Ratio Lower Upper
152 100
115 58.5 41.1 123.3
150 158.5 0.0 349.0

