

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061022\
 Data File : VX029369.D
 Acq On : 10 Jun 2022 15:21
 Operator : JC/MD
 Sample : N3203-01ME
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GATE-6-JET-GROUT-SPOILSME

Quant Time: Jun 11 00:53:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

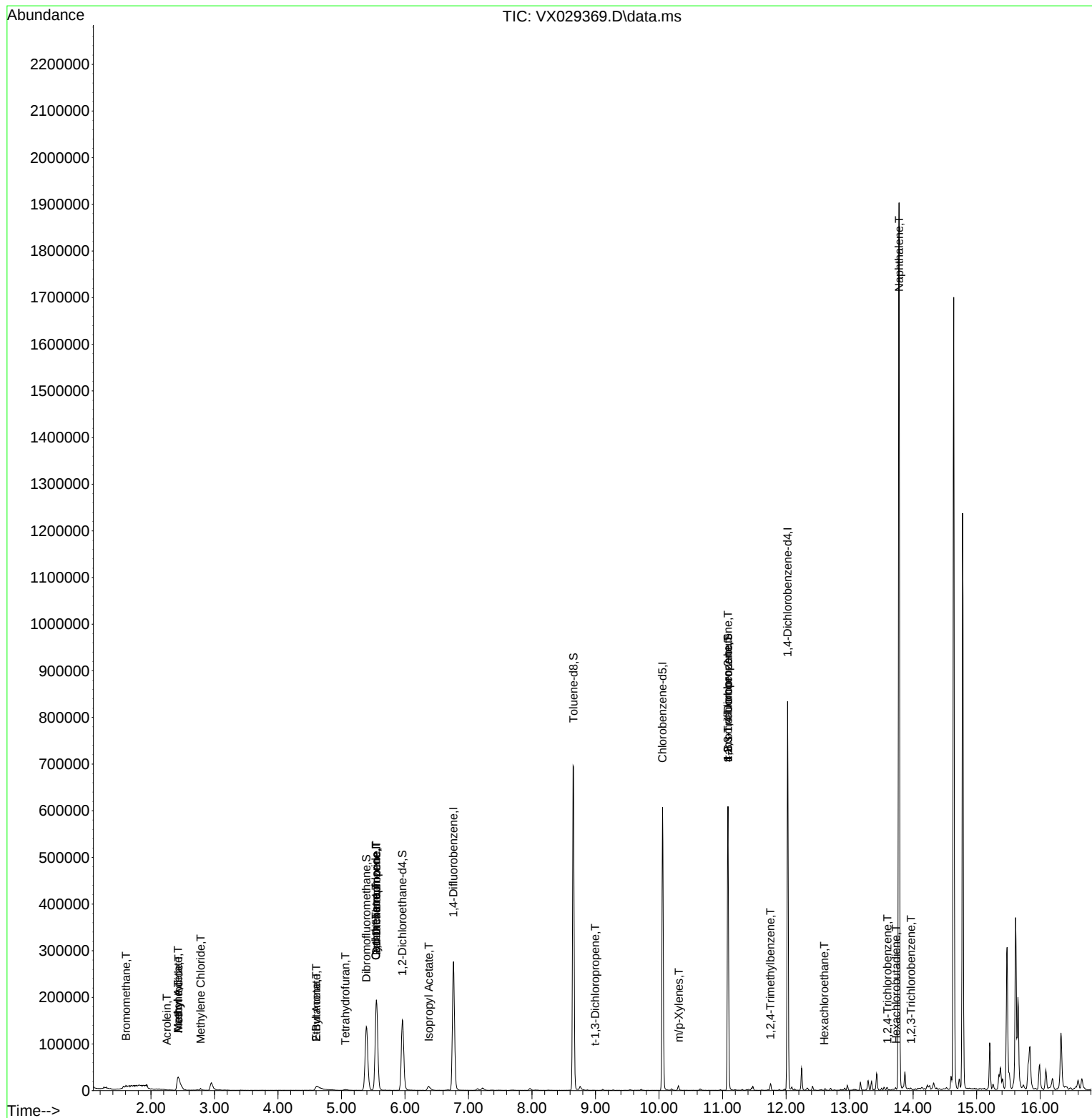
Internal Standards						
1) Pentafluorobenzene	5.550	168	182195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	290752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152944	55.334	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.660%			
35) Dibromofluoromethane	5.391	113	125637	50.828	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.660%			
50) Toluene-d8	8.653	98	438555	50.166	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.340%			
62) 4-Bromofluorobenzene	11.085	95	175159	51.200	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.400%			
Target Compounds					Qvalue	
5) Bromomethane	1.605	94	1071	0.624	ug/l	96
6) Chloroethane	1.733	64	170	Below Cal	#	45
10) Methyl Iodide	2.434	142	2489	1.934	ug/l	96
11) Tert butyl alcohol	2.947	59	13143	Below Cal	#	74
13) Acrolein	2.252	56	86	0.256	ug/l	# 15
16) Acetone	2.428	43	66385	45.040	ug/l	97
18) Methyl Acetate	2.428	43	51532	13.197	ug/l	# 46
20) Methylene Chloride	2.782	84	1470	0.447	ug/l	# 88
25) 2-Butanone	4.605	43	27941	11.984	ug/l	# 80
29) Tetrahydrofuran	5.062	42	1232	0.811	ug/l	# 61
31) Cyclohexane	5.544	56	4006	0.811	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	13832	3.388	ug/l	# 48
37) Ethyl Acetate	4.605	43	27941	6.629	ug/l	# 65
38) Carbon Tetrachloride	5.544	117	19894	4.767	ug/l	# 15
41) Methacrylonitrile	4.989	41	23	Below Cal	#	18
43) Isopropyl Acetate	6.373	43	5400	0.853	ug/l	# 56
53) t-1,3-Dichloropropene	8.994	75	101	1.339	ug/l	# 43
68) m/p-Xylenes	10.311	106	2101	0.391	ug/l	82
76) 1,2,3-Trichloropropane	11.085	75	87234	22.129	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	87234	67.989	ug/l	# 15
84) 1,2,4-Trimethylbenzene	11.756	105	6489	0.583	ug/l	99
90) Hexachloroethane	12.603	117	445	0.248	ug/l	# 10
93) 1,2,4-Trichlorobenzene	13.597	180	837	0.240	ug/l	# 80
94) Hexachlorobutadiene	13.731	225	597	0.412	ug/l	95
95) Naphthalene	13.780	128	1169343	95.080	ug/l	100
96) 1,2,3-Trichlorobenzene	13.969	180	911	0.262	ug/l	83

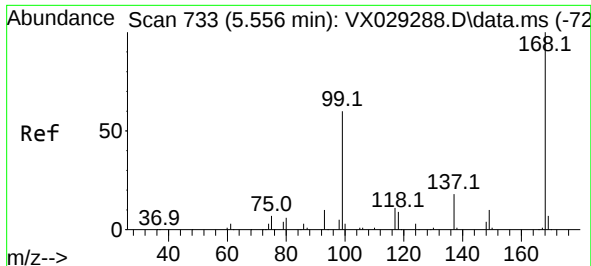
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061022\
Data File : VX029369.D
Acq On : 10 Jun 2022 15:21
Operator : JC/MD
Sample : N3203-01ME
Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GATE-6-JET-GROUT-SPOILSME

Quant Time: Jun 11 00:53:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 08 03:00:38 2022
Response via : Initial Calibration

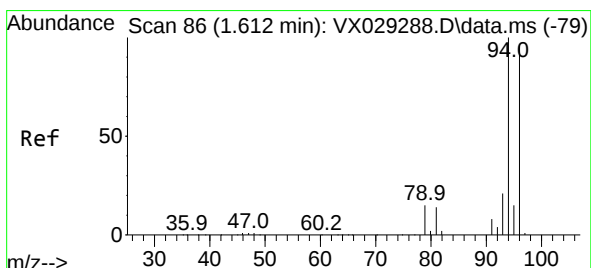
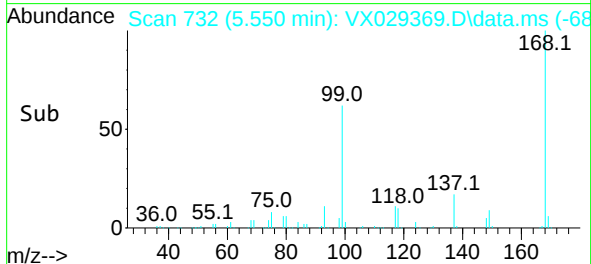
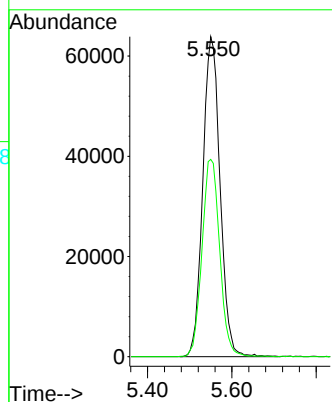
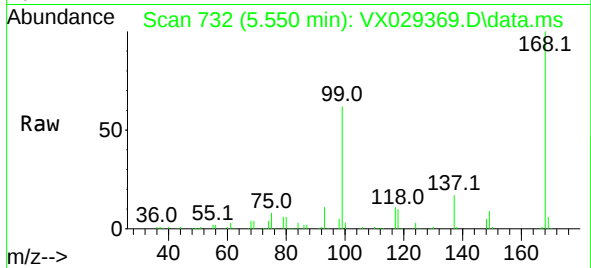




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

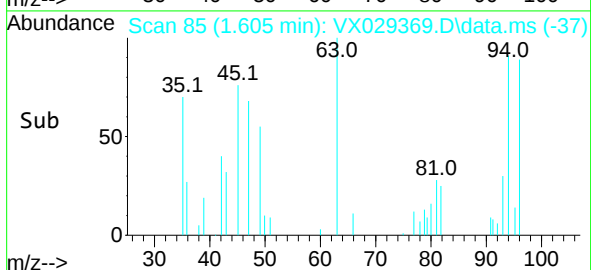
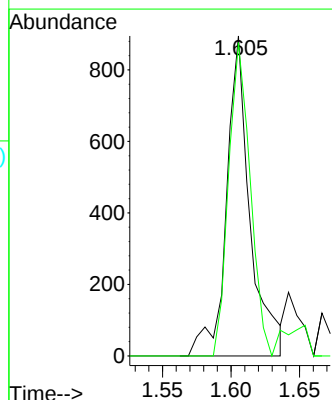
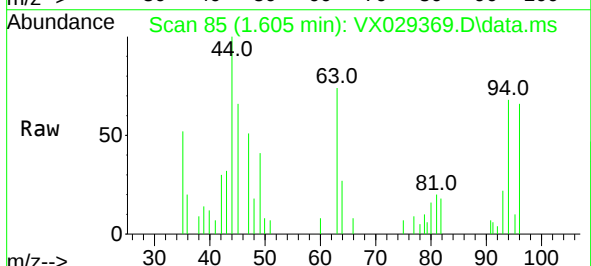
Instrument :
MSVOA_X
ClientSampleId :
GATE-6-JET-GROUT-SPOILSME

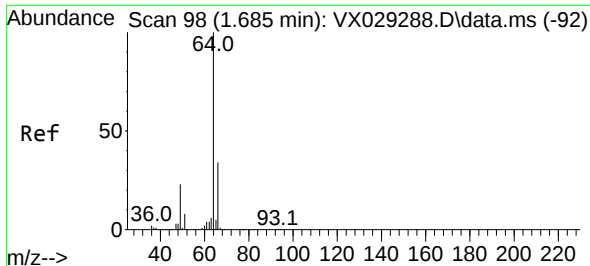
Tgt Ion:168 Resp: 182195
Ion Ratio Lower Upper
168 100
99 61.6 41.7 62.5



#5
Bromomethane
Concen: 0.624 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.007 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

Tgt Ion: 94 Resp: 1071
Ion Ratio Lower Upper
94 100
96 97.9 75.3 112.9

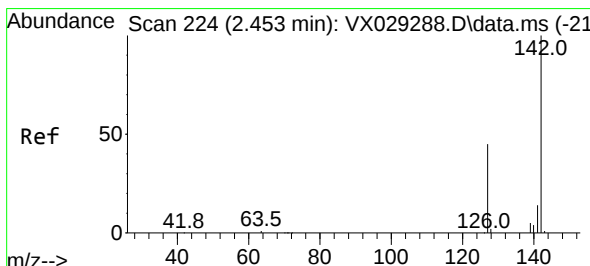
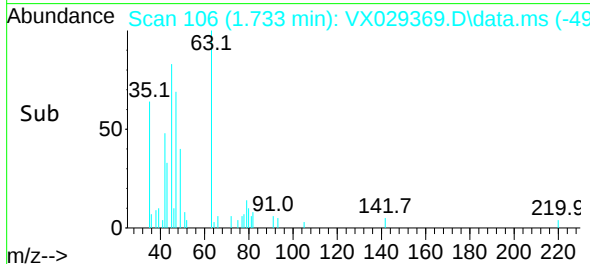
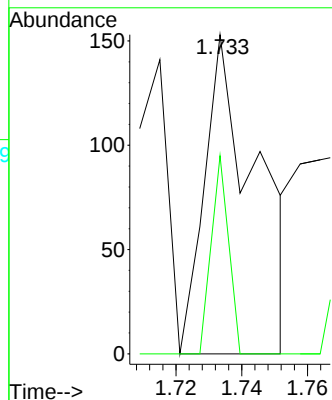
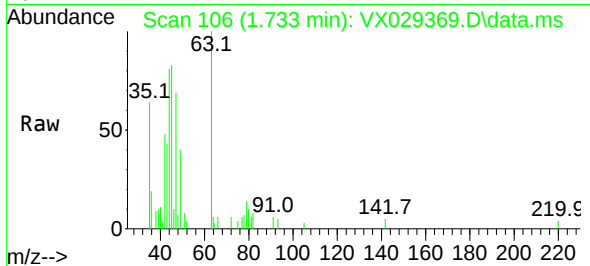




#6
Chloroethane
Concen: Below Cal
RT: 1.733 min Scan# 106
Delta R.T. 0.048 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

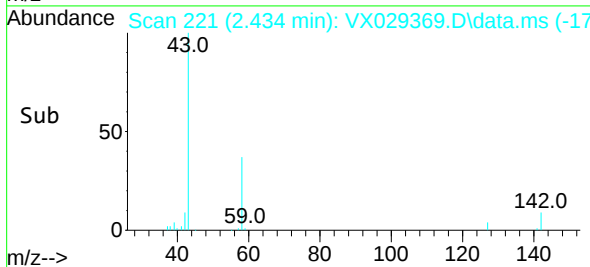
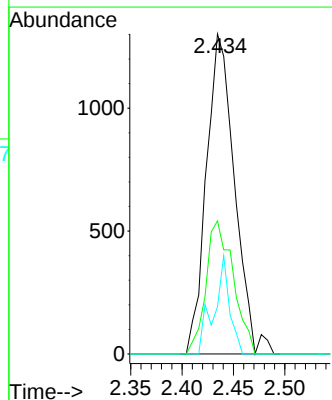
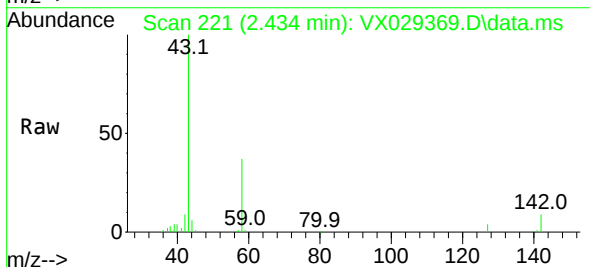
Instrument :
MSVOA_X
ClientSampleId :
GATE-6-JET-GROUT-SPOILSME

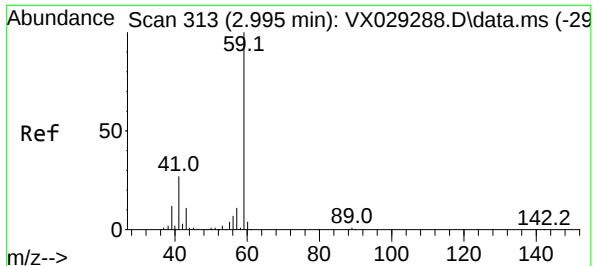
Tgt Ion: 64 Resp: 170
Ion Ratio Lower Upper
64 100
66 62.1 25.3 37.9#



#10
Methyl Iodide
Concen: 1.934 ug/l
RT: 2.434 min Scan# 221
Delta R.T. -0.019 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

Tgt Ion: 142 Resp: 2489
Ion Ratio Lower Upper
142 100
127 40.2 33.9 50.9
141 16.9 11.4 17.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 30

Delta R.T. -0.048 min

Lab File: VX029369.D

Acq: 10 Jun 2022 15:21

Instrument :

MSVOA_X

ClientSampleId :

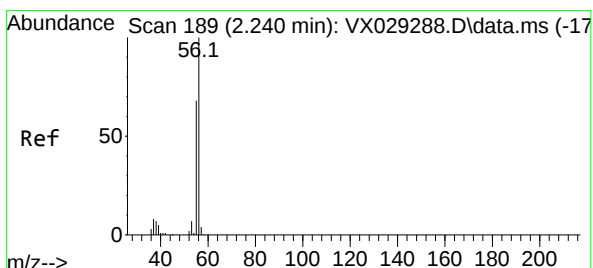
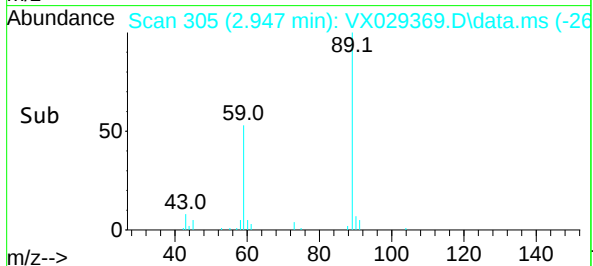
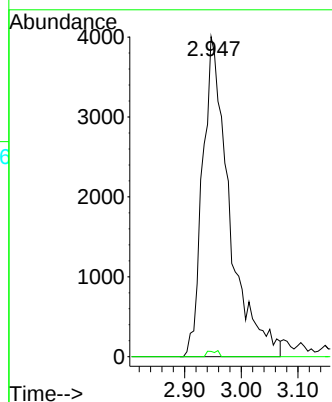
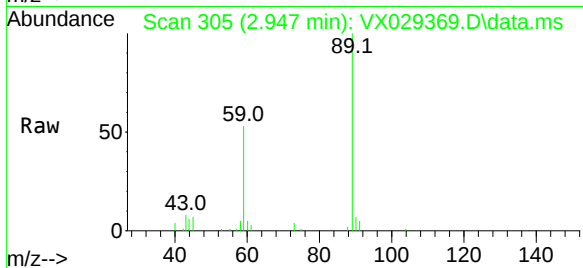
GATE-6-JET-GROUT-SPOILSME

Tgt Ion: 59 Resp: 13143

Ion Ratio Lower Upper

59 100

57 0.7 8.3 12.5#



#13

Acrolein

Concen: 0.256 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.012 min

Lab File: VX029369.D

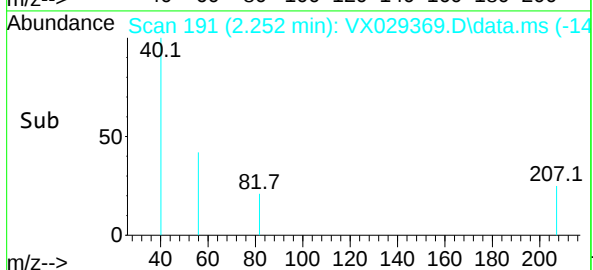
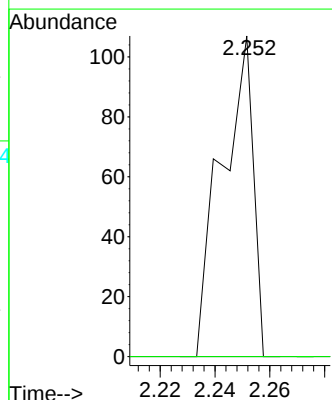
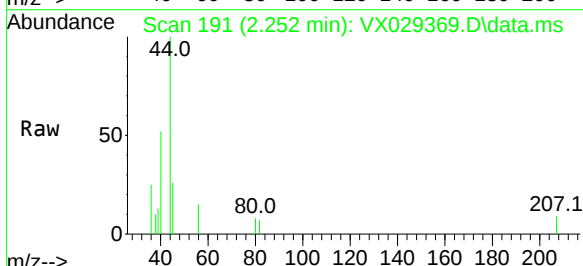
Acq: 10 Jun 2022 15:21

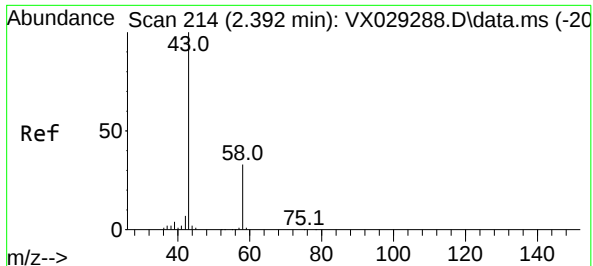
Tgt Ion: 56 Resp: 86

Ion Ratio Lower Upper

56 100

55 0.0 55.0 82.6#

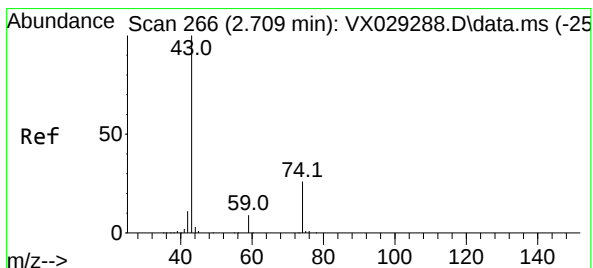
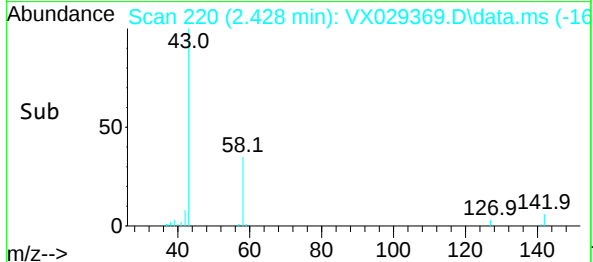
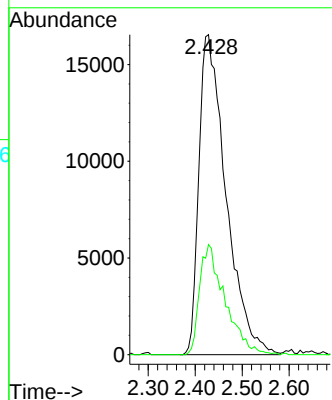
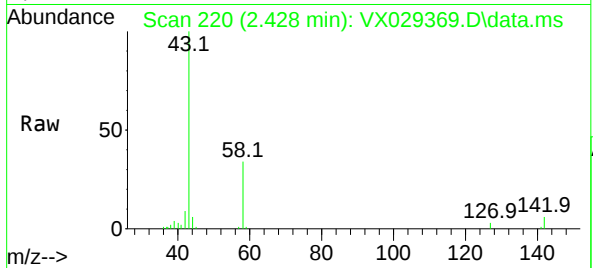




#16
Acetone
Concen: 45.040 ug/l
RT: 2.428 min Scan# 21
Delta R.T. 0.036 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

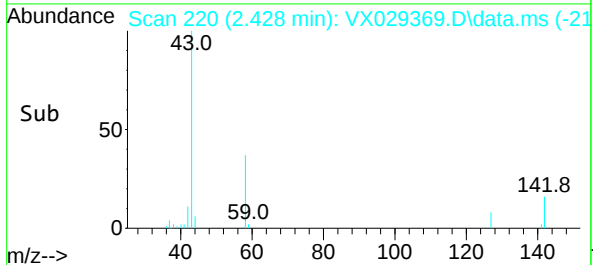
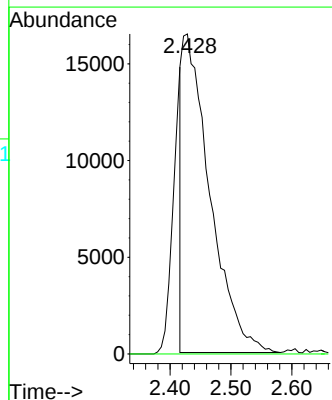
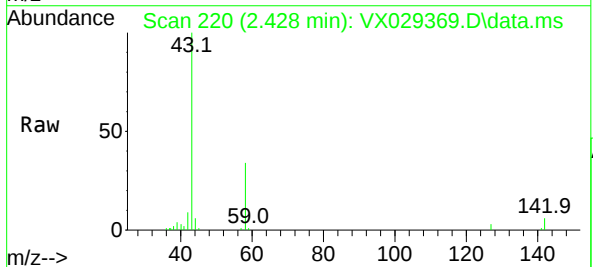
Instrument :
MSVOA_X
ClientSampleId :
GATE-6-JET-GROUT-SPOILSME

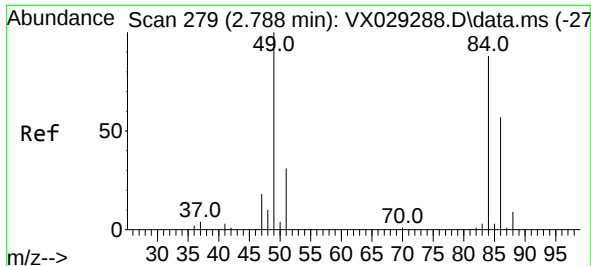
Tgt Ion: 43 Resp: 66385
Ion Ratio Lower Upper
43 100
58 34.4 28.8 43.2



#18
Methyl Acetate
Concen: 13.197 ug/l
RT: 2.428 min Scan# 220
Delta R.T. -0.281 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

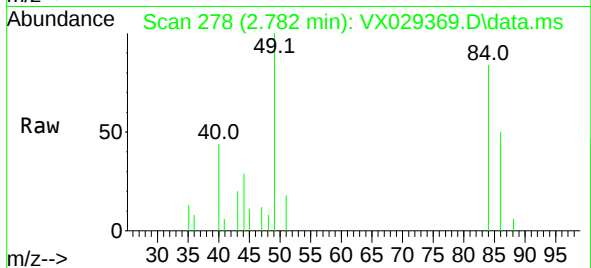
Tgt Ion: 43 Resp: 51532
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



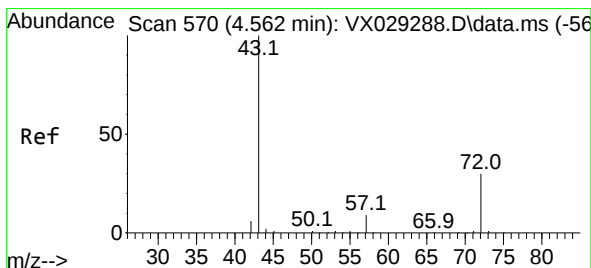
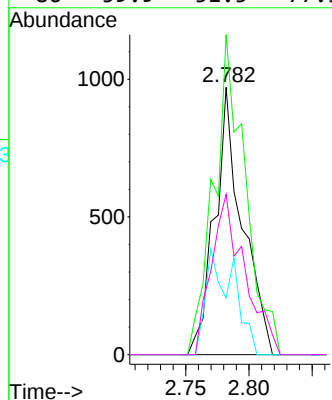


#20
Methylene Chloride
Concen: 0.447 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

Instrument :
MSVOA_X
ClientSampleId :
GATE-6-JET-GROUT-SPOILSME

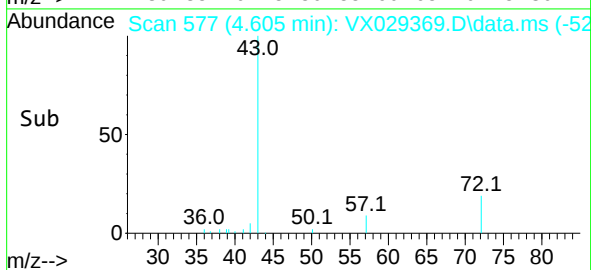
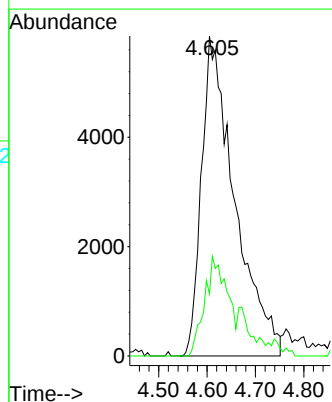
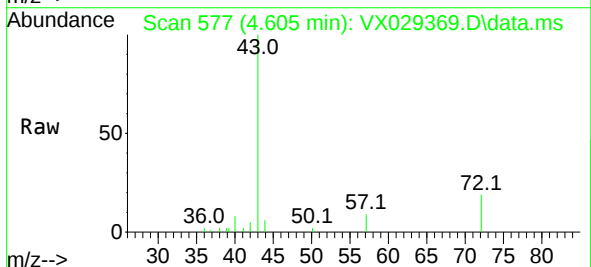


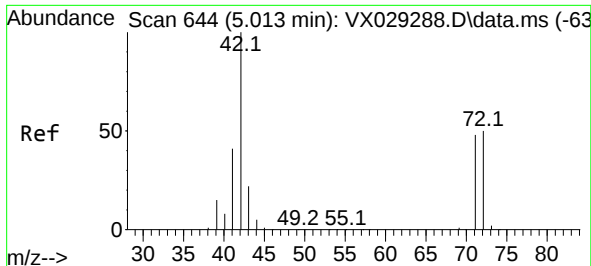
Tgt Ion: 84	Resp: 1470
Ion Ratio	Lower Upper
84 100	
49 119.7	85.5 128.3
51 21.2	26.6 39.8#
86 59.9	51.5 77.3



#25
2-Butanone
Concen: 11.984 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.043 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

Tgt Ion: 43	Resp: 27941
Ion Ratio	Lower Upper
43 100	
72 19.3	24.4 36.6#





#29

Tetrahydrofuran

Concen: 0.811 ug/l

RT: 5.062 min Scan# 61

Delta R.T. 0.049 min

Lab File: VX029369.D

Acq: 10 Jun 2022 15:21

Instrument :

MSVOA_X

ClientSampleId :

GATE-6-JET-GROUT-SPOILSME

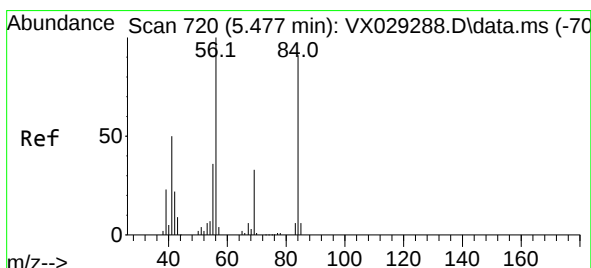
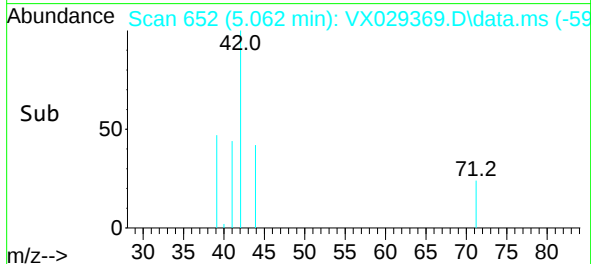
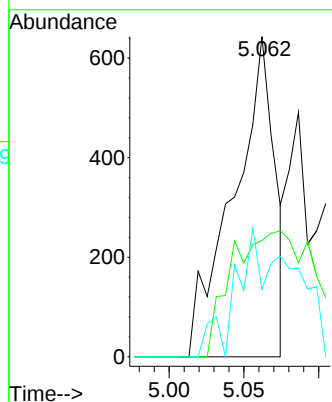
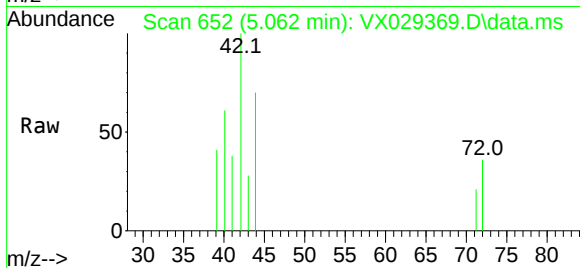
Tgt Ion: 42 Resp: 1232

Ion Ratio Lower Upper

42 100

72 84.8 44.1 66.1#

71 25.5 40.5 60.7#



#31

Cyclohexane

Concen: 0.811 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.067 min

Lab File: VX029369.D

Acq: 10 Jun 2022 15:21

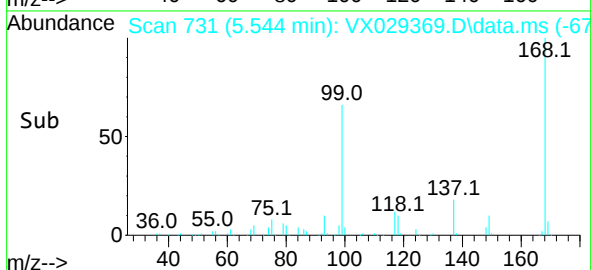
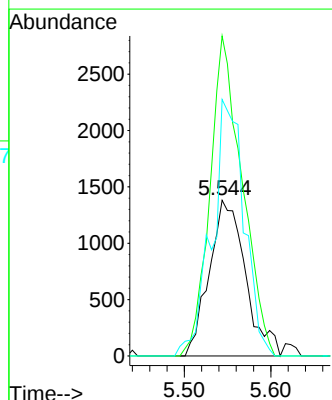
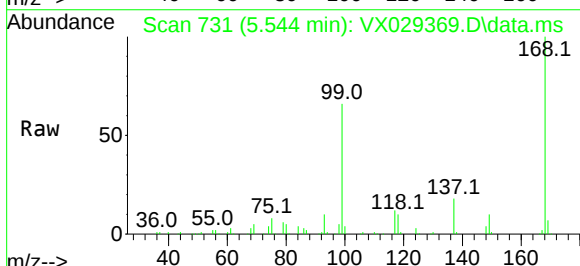
Tgt Ion: 56 Resp: 4006

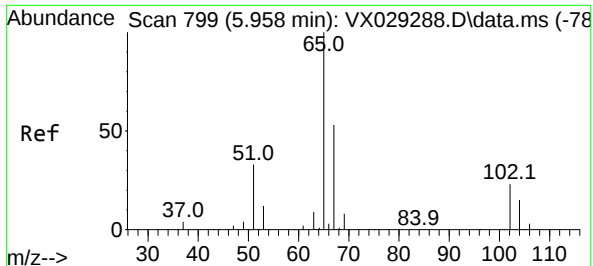
Ion Ratio Lower Upper

56 100

69 205.4 26.7 40.1#

84 164.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 55.334 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029369.D

Acq: 10 Jun 2022 15:21

Instrument :

MSVOA_X

ClientSampleId :

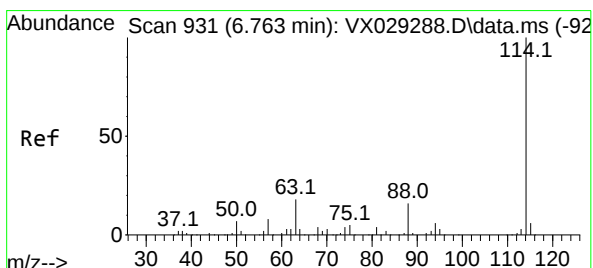
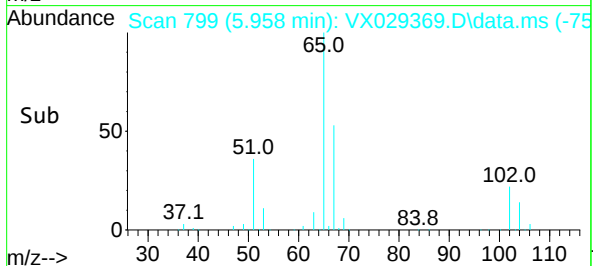
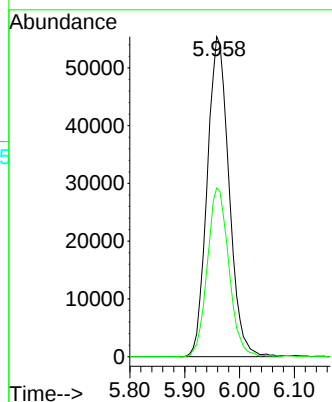
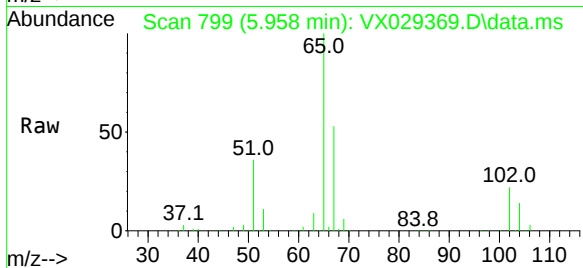
GATE-6-JET-GROUT-SPOILSME

Tgt Ion: 65 Resp: 152944

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029369.D

Acq: 10 Jun 2022 15:21

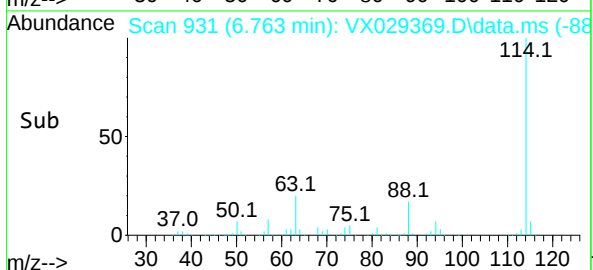
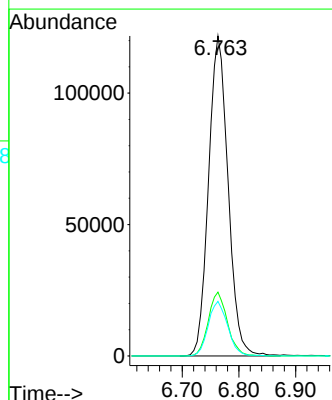
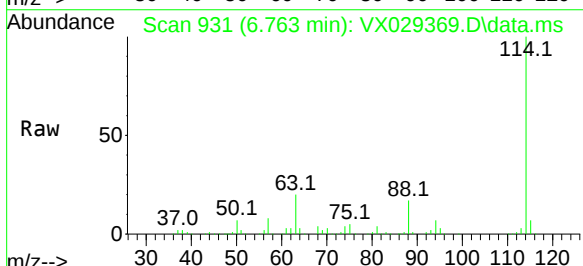
Tgt Ion: 114 Resp: 290752

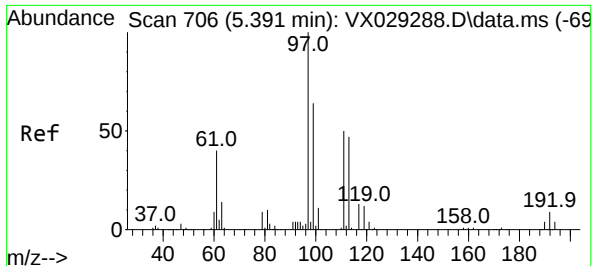
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.8

88 17.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.828 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029369.D

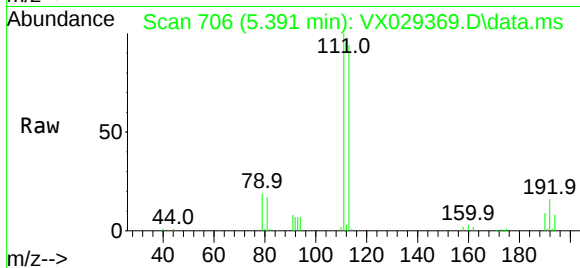
Acq: 10 Jun 2022 15:21

Instrument :

MSVOA_X

ClientSampleId :

GATE-6-JET-GROUT-SPOILSME



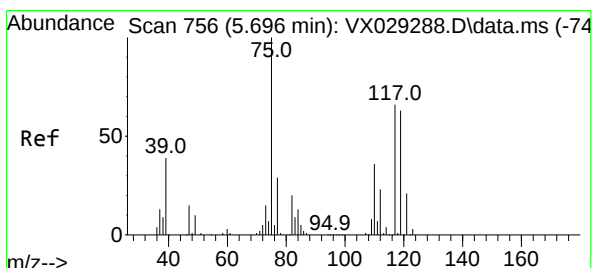
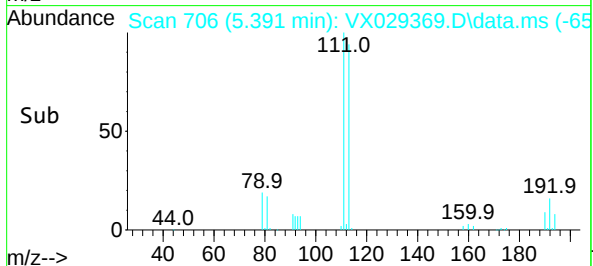
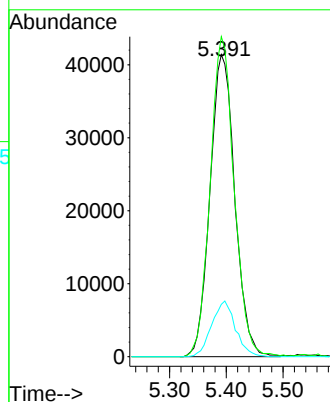
Tgt Ion:113 Resp: 125637

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 17.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 3.388 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029369.D

Acq: 10 Jun 2022 15:21

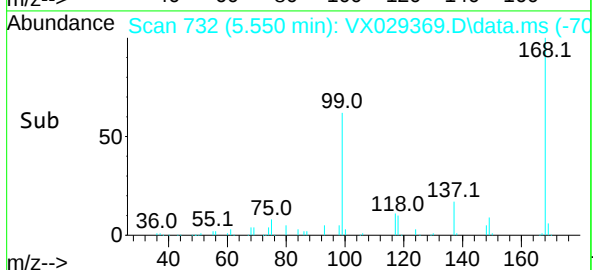
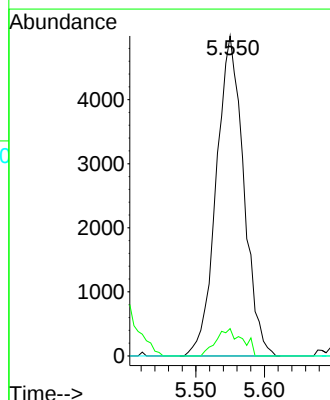
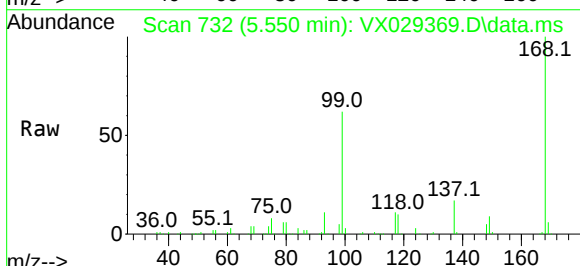
Tgt Ion: 75 Resp: 13832

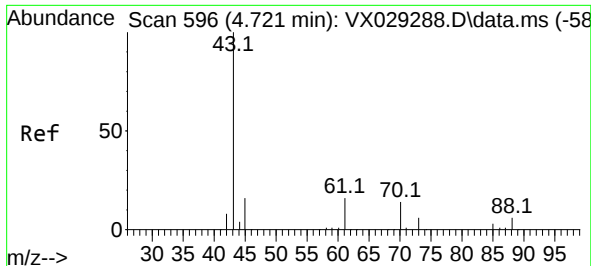
Ion Ratio Lower Upper

75 100

110 8.2 18.3 54.8#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 6.629 ug/l

RT: 4.605 min Scan# 51

Delta R.T. -0.116 min

Lab File: VX029369.D

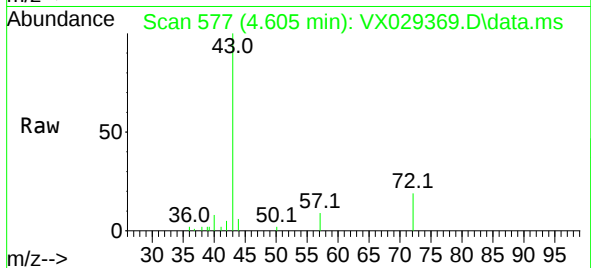
Acq: 10 Jun 2022 15:21

Instrument :

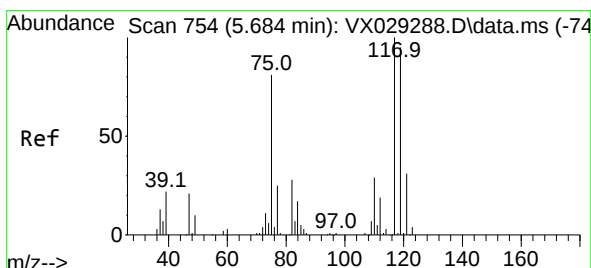
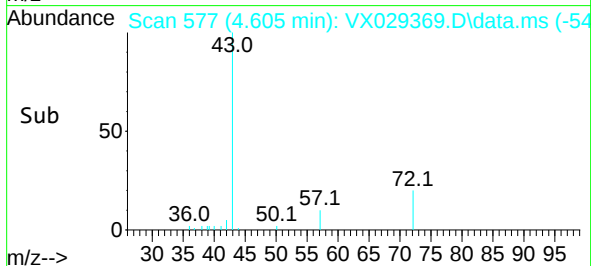
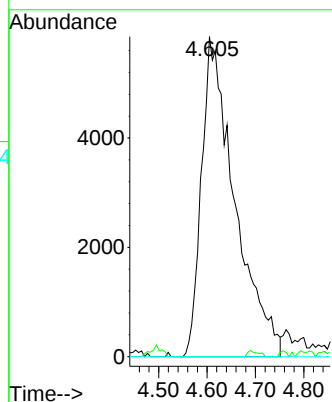
MSVOA_X

ClientSampleId :

GATE-6-JET-GROUT-SPOILSME



Tgt Ion:	43	Resp:	27941
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.6	19.0#
70	0.0	10.2	15.2#



#38

Carbon Tetrachloride

Concen: 4.767 ug/l

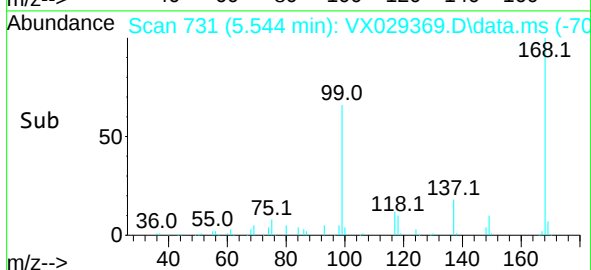
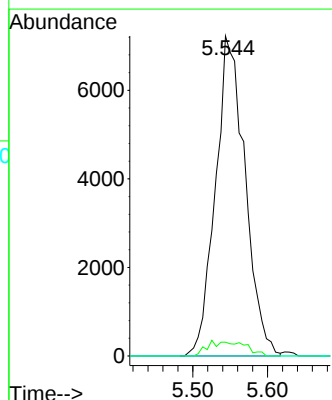
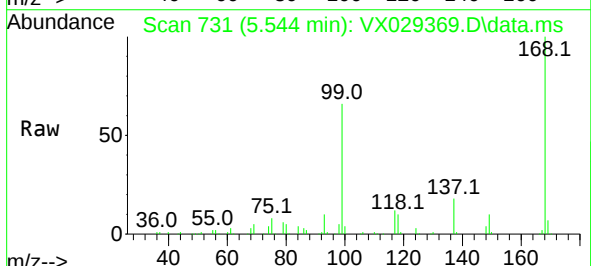
RT: 5.544 min Scan# 731

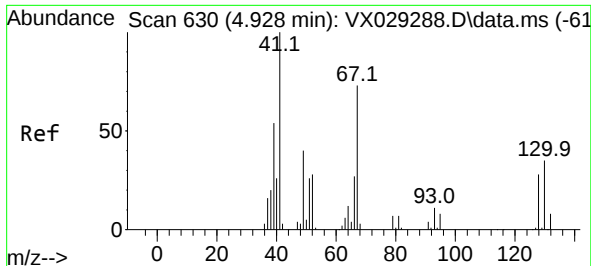
Delta R.T. -0.140 min

Lab File: VX029369.D

Acq: 10 Jun 2022 15:21

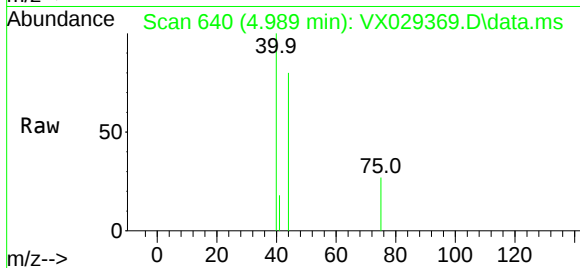
Tgt Ion:	117	Resp:	19894
Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.3	115.9#
121	0.0	24.2	36.2#



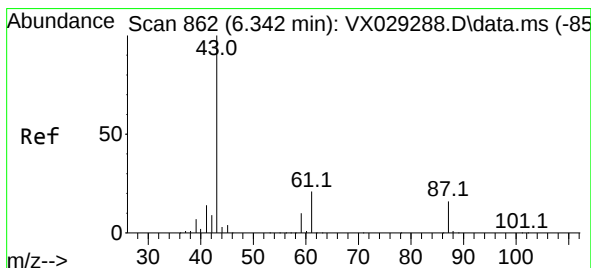
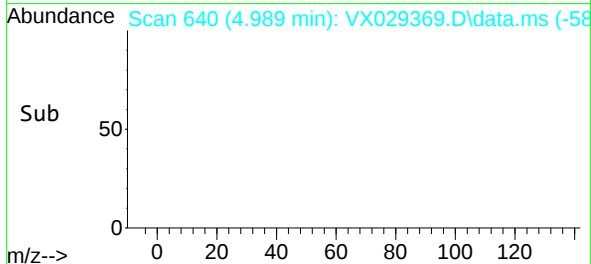
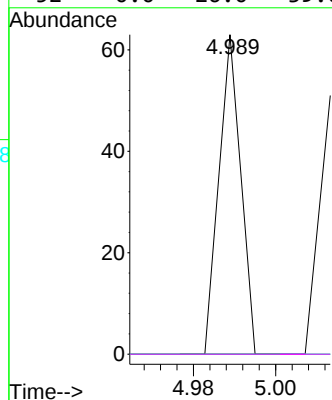


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.989 min Scan# 640
Delta R.T. 0.061 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

Instrument :
MSVOA_X
ClientSampleId :
GATE-6-JET-GROUT-SPOILSME

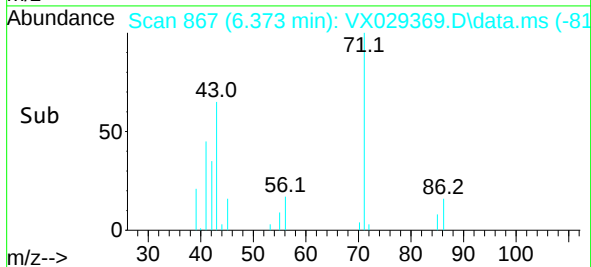
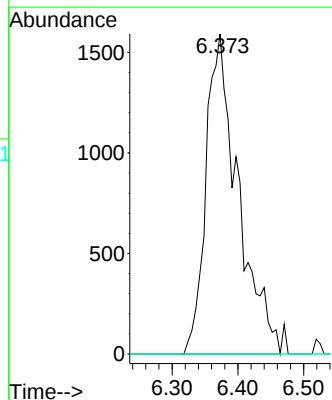
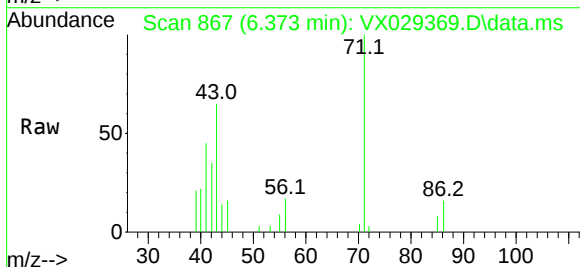


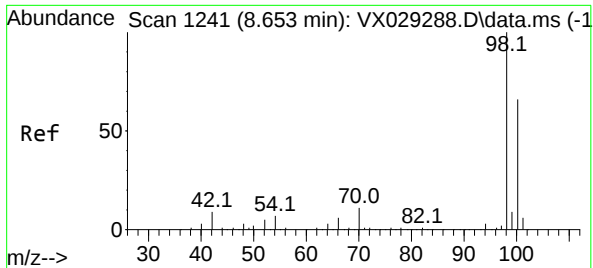
Tgt Ion: 41 Resp: 23
Ion Ratio Lower Upper
41 100
39 0.0 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#



#43
Isopropyl Acetate
Concen: 0.853 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.030 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

Tgt Ion: 43 Resp: 5400
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#

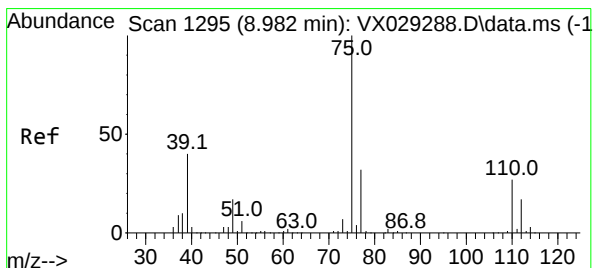
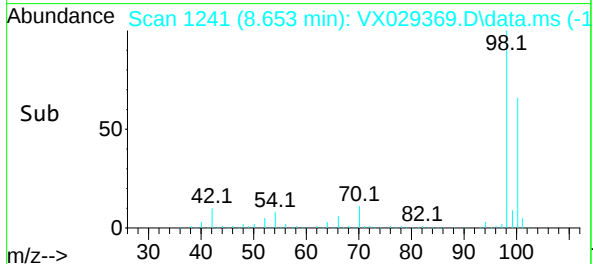
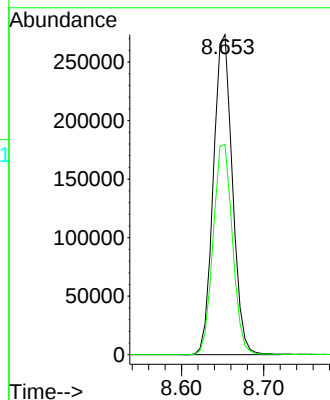
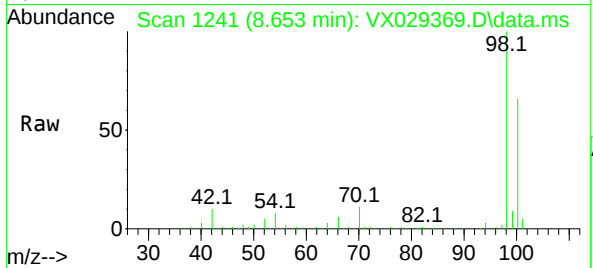




#50
Toluene-d8
Concen: 50.166 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

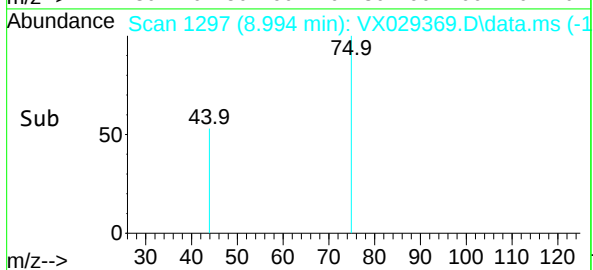
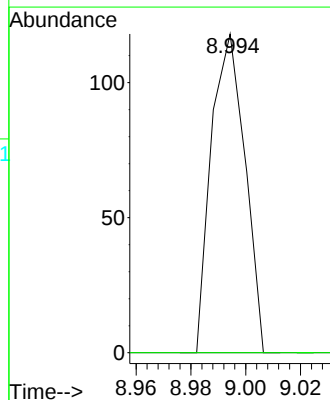
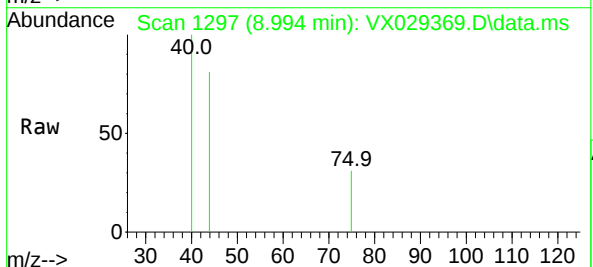
Instrument : MSVOA_X
ClientSampleId : GATE-6-JET-GROUT-SPOILSME

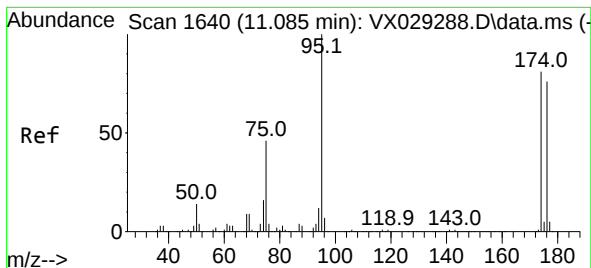
Tgt Ion: 98 Resp: 438555
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#53
t-1,3-Dichloropropene
Concen: 1.339 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.012 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

Tgt Ion: 75 Resp: 101
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

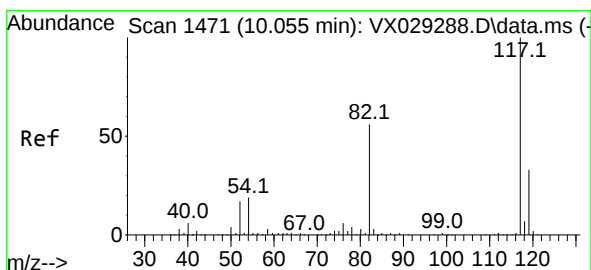
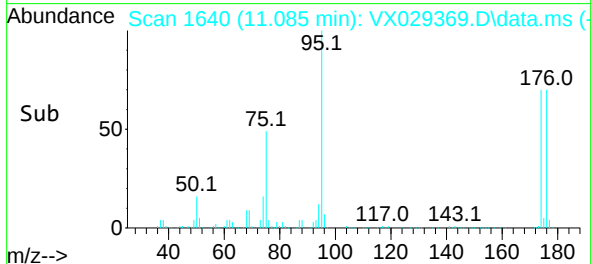
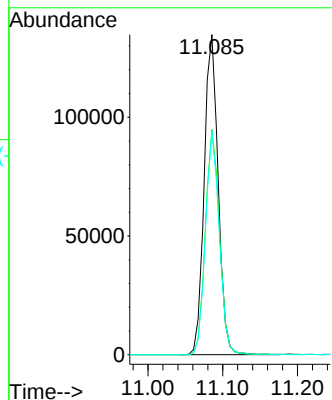
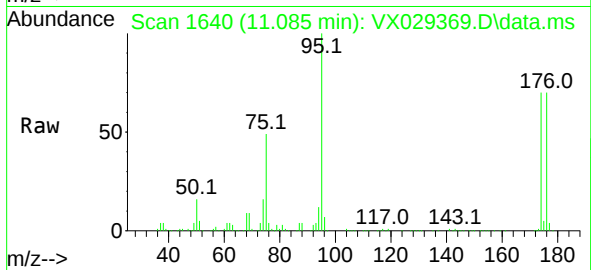




#62
4-Bromofluorobenzene
Concen: 51.200 ug/l
RT: 11.085 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

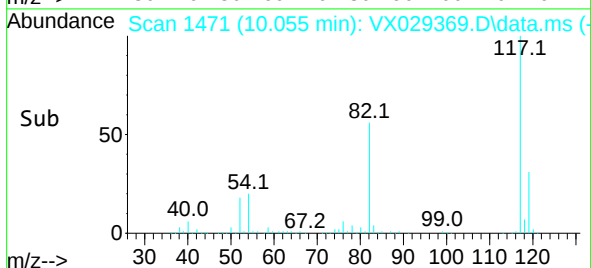
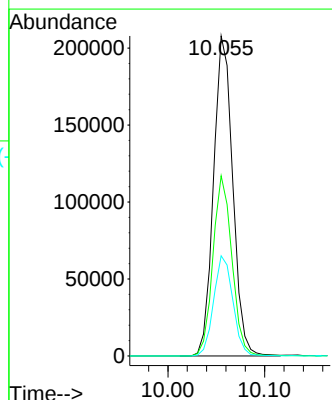
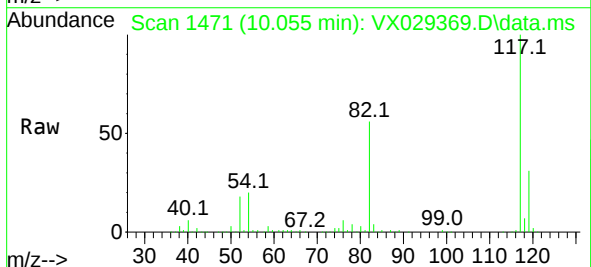
Instrument :
MSVOA_X
ClientSampleId :
GATE-6-JET-GROUT-SPOILSME

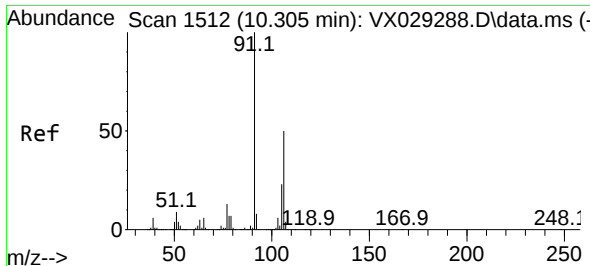
Tgt Ion: 95 Resp: 175159
Ion Ratio Lower Upper
95 100
174 71.0 0.0 163.0
176 69.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

Tgt Ion: 117 Resp: 286767
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 31.3 24.8 37.2

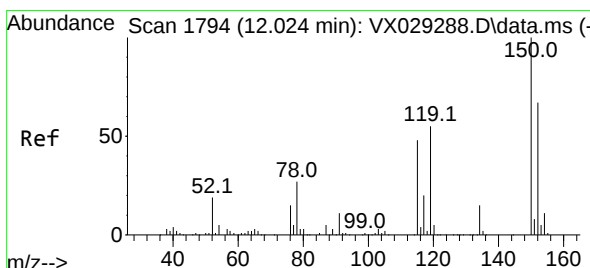
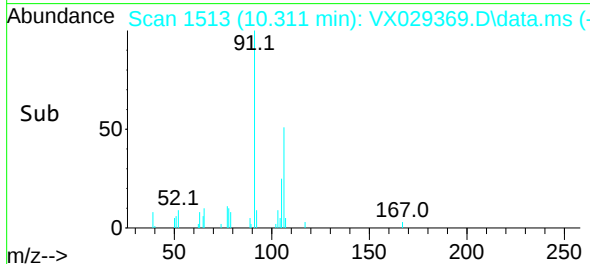
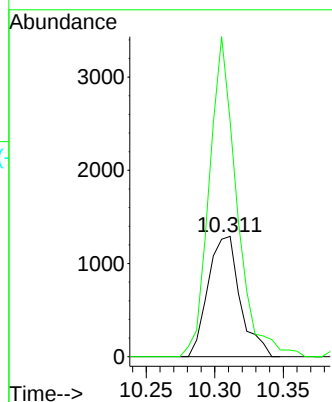
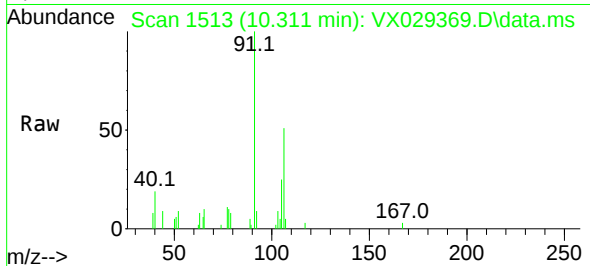




#68
m/p-Xylenes
Concen: 0.391 ug/l
RT: 10.311 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

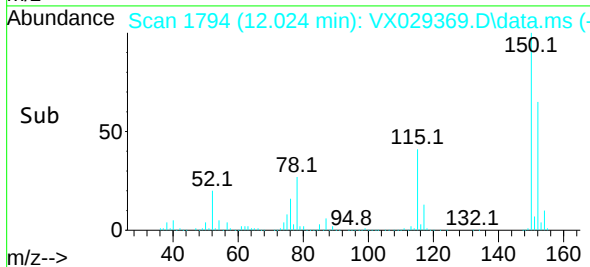
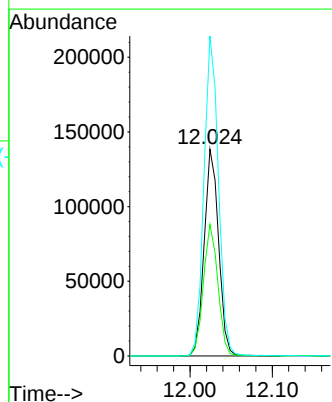
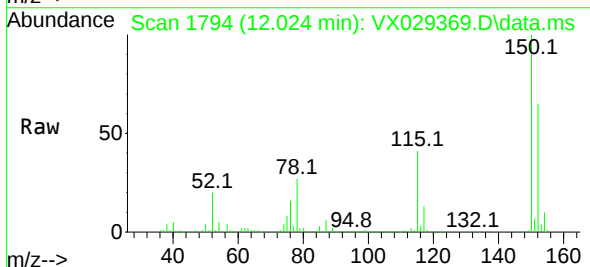
Instrument :
MSVOA_X
ClientSampleId :
GATE-6-JET-GROUT-SPOILSME

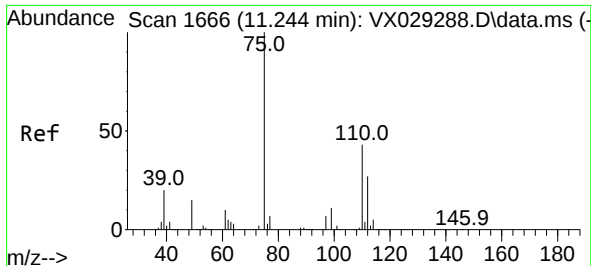
Tgt Ion:106 Resp: 2101
Ion Ratio Lower Upper
106 100
91 228.3 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

Tgt Ion:152 Resp: 168776
Ion Ratio Lower Upper
152 100
115 63.7 37.5 112.7
150 155.2 0.0 338.2

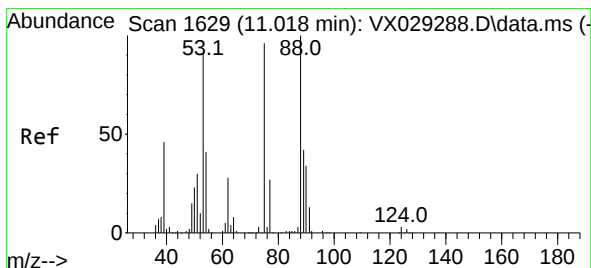
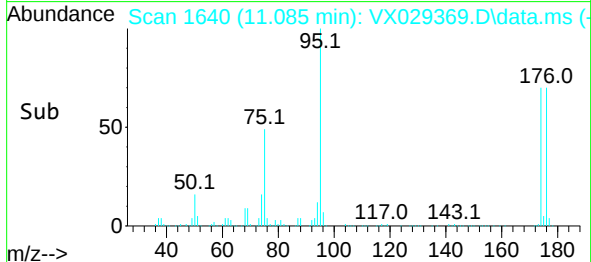
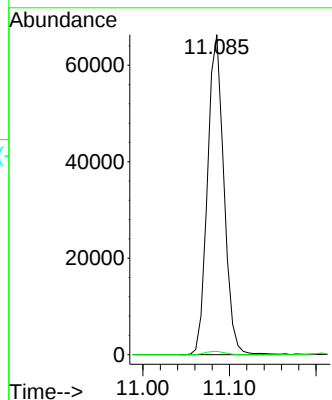
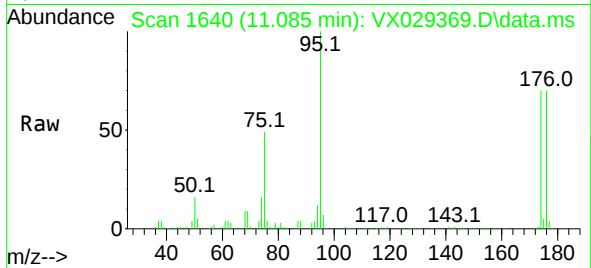




#76
1,2,3-Trichloropropane
Concen: 22.129 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

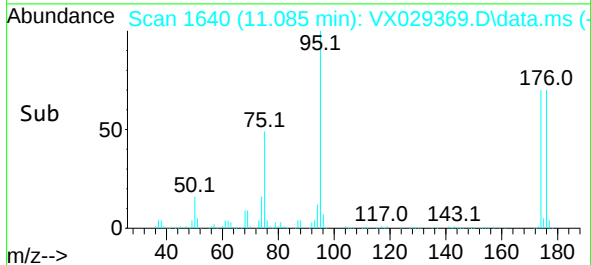
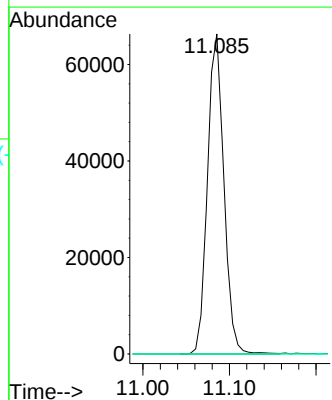
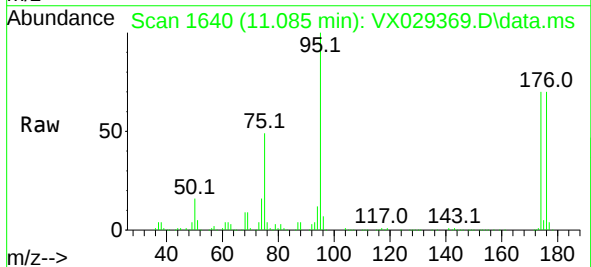
Instrument :
MSVOA_X
ClientSampleId :
GATE-6-JET-GROUT-SPOILSME

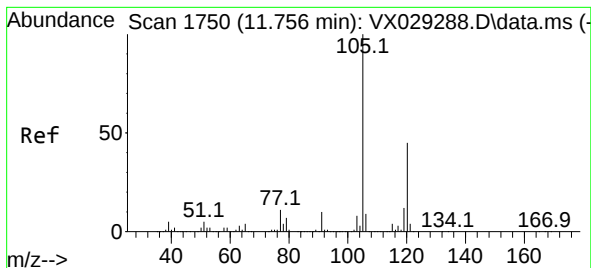
Tgt Ion: 75 Resp: 87234
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.989 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

Tgt Ion: 75 Resp: 87234
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#84

1,2,4-Trimethylbenzene

Concen: 0.583 ug/l

RT: 11.756 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029369.D

Acq: 10 Jun 2022 15:21

Instrument :

MSVOA_X

ClientSampleId :

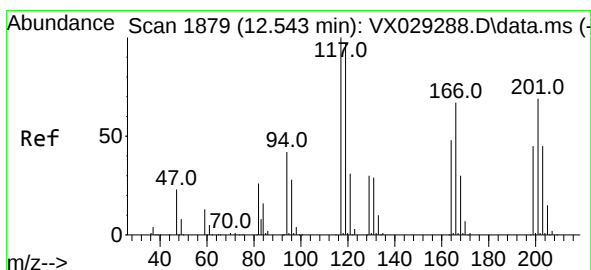
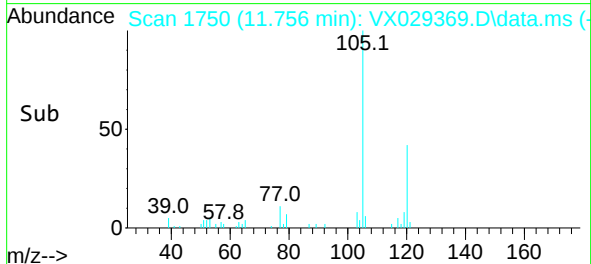
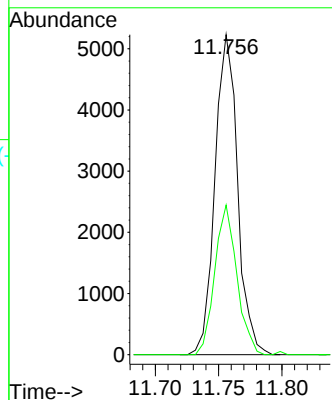
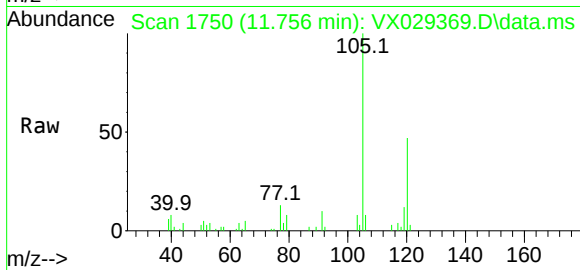
GATE-6-JET-GROUT-SPOILSME

Tgt Ion:105 Resp: 6489

Ion Ratio Lower Upper

105 100

120 45.7 22.6 67.8



#90

Hexachloroethane

Concen: 0.248 ug/l

RT: 12.603 min Scan# 1889

Delta R.T. 0.061 min

Lab File: VX029369.D

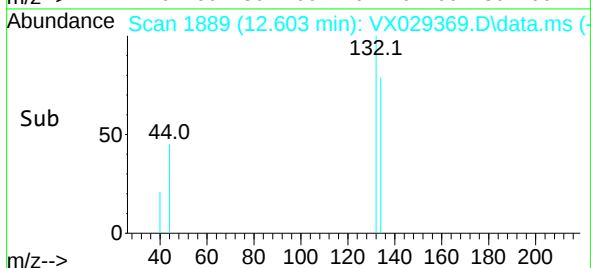
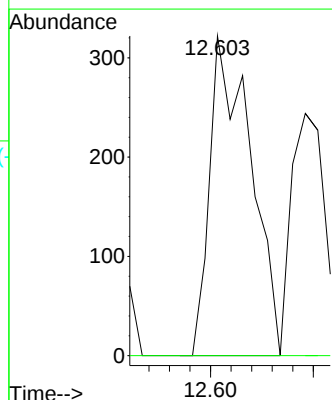
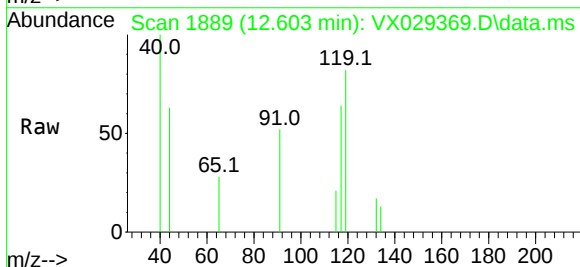
Acq: 10 Jun 2022 15:21

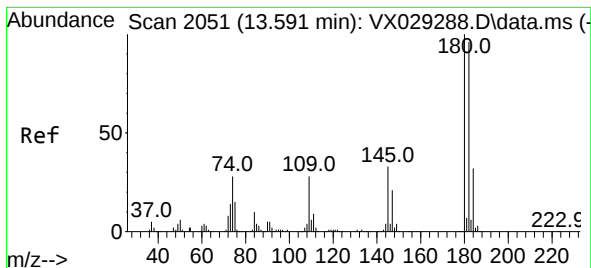
Tgt Ion:117 Resp: 445

Ion Ratio Lower Upper

117 100

201 0.0 39.5 118.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.240 ug/l

RT: 13.597 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX029369.D

Acq: 10 Jun 2022 15:21

Instrument :

MSVOA_X

ClientSampleId :

GATE-6-JET-GROUT-SPOILSME

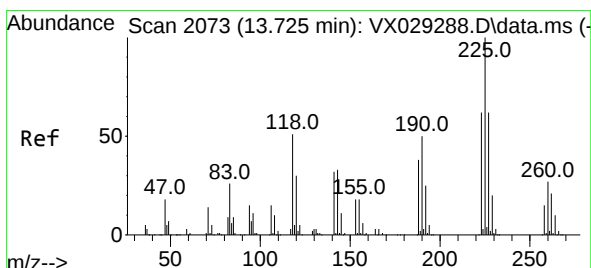
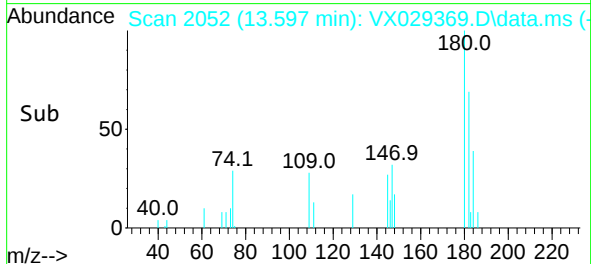
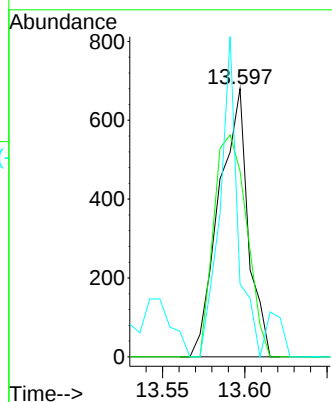
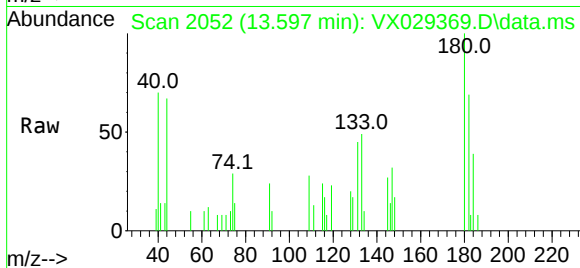
Tgt Ion:180 Resp: 837

Ion Ratio Lower Upper

180 100

182 93.8 47.7 143.1

145 73.1 15.2 45.5#



#94

Hexachlorobutadiene

Concen: 0.412 ug/l

RT: 13.731 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VX029369.D

Acq: 10 Jun 2022 15:21

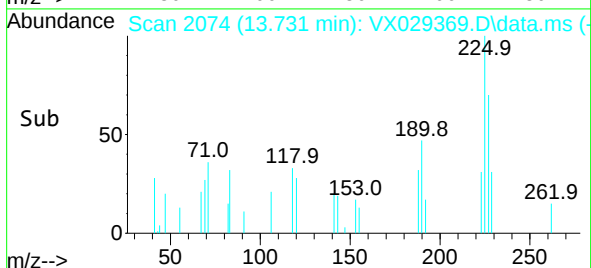
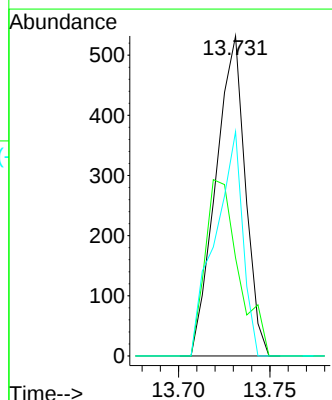
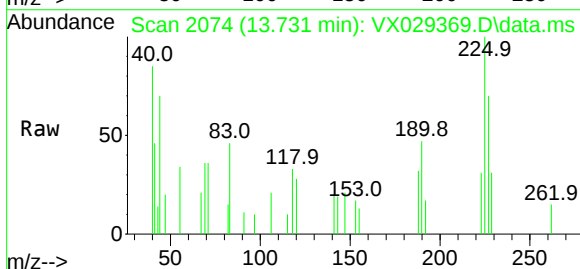
Tgt Ion:225 Resp: 597

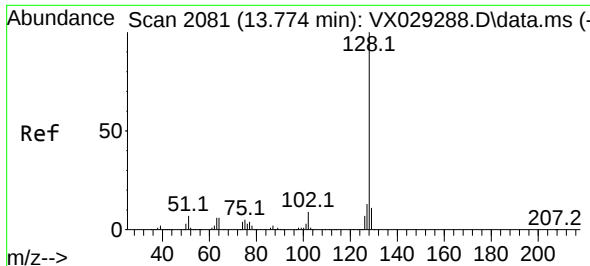
Ion Ratio Lower Upper

225 100

223 62.5 34.2 102.5

227 66.0 33.9 101.7

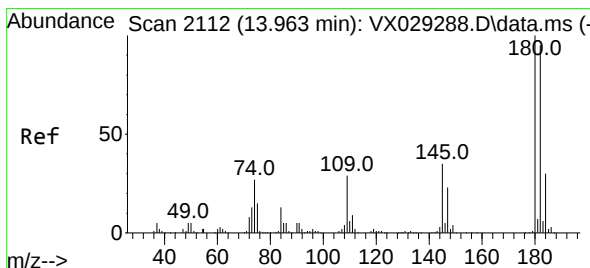
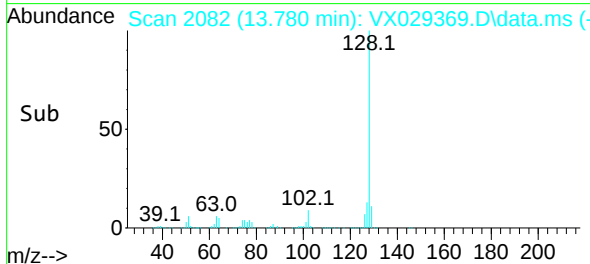
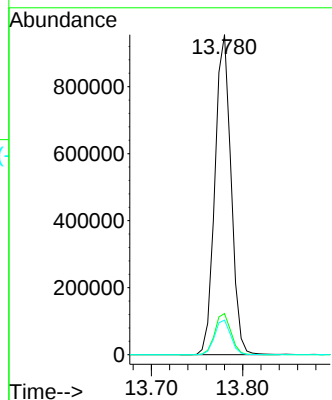
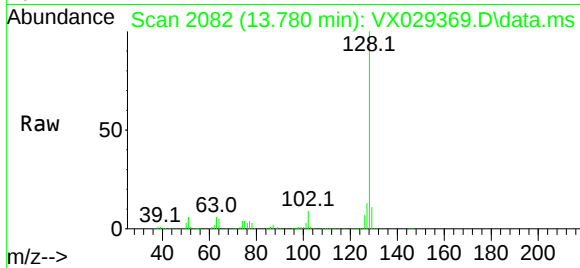




#95
Naphthalene
Concen: 95.080 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

Instrument :
MSVOA_X
ClientSampleId :
GATE-6-JET-GROUT-SPOILSME

Tgt Ion:128 Resp: 1169343
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.262 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX029369.D
Acq: 10 Jun 2022 15:21

Tgt Ion:180 Resp: 911
Ion Ratio Lower Upper
180 100
182 85.9 50.0 149.8
145 46.4 16.2 48.5

