

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020722\
 Data File : VX026795.D
 Acq On : 07 Feb 2022 19:20
 Operator : JC/MD
 Sample : N1419-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GRIT-STOCKPILE

Quant Time: Feb 07 23:33:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

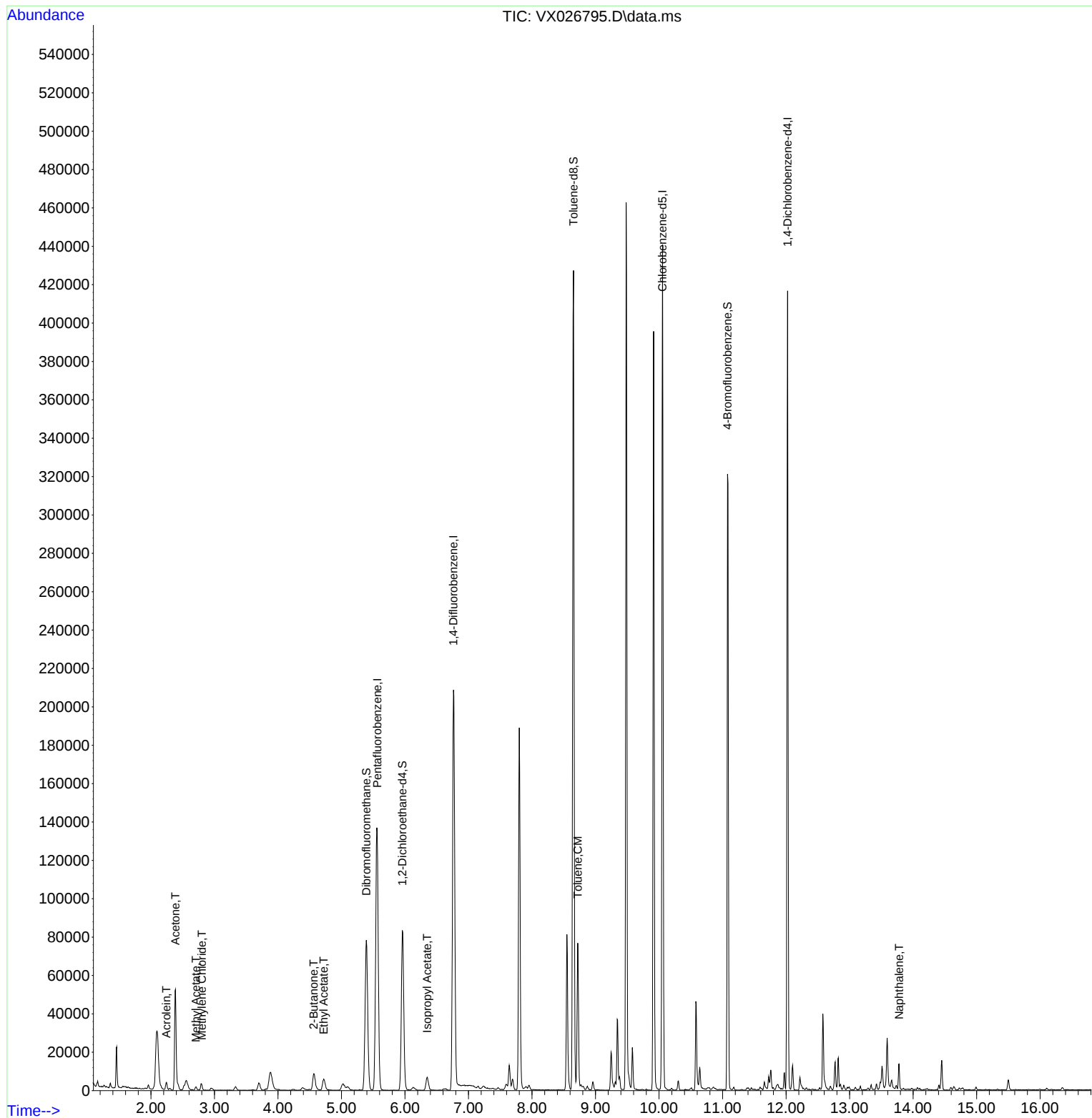
Internal Standards						
1) Pentafluorobenzene	5.562	168	132323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218576	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81395	44.034	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.060%
35) Dibromofluoromethane	5.391	113	68163	48.291	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.580%
50) Toluene-d8	8.653	98	253690	49.876	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.760%
62) 4-Bromofluorobenzene	11.079	95	91106	50.421	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.840%
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	3167	11.591	ug/l	99
16) Acetone	2.386	43	58152	61.691	ug/l	96
18) Methyl Acetate	2.709	43	2290	1.222	ug/l	94
20) Methylene Chloride	2.800	84	1588	1.020	ug/l	96
25) 2-Butanone	4.562	43	16615	13.554	ug/l	97
37) Ethyl Acetate	4.721	43	11252	4.992	ug/l	99
43) Isopropyl Acetate	6.348	43	8791	2.414	ug/l	97
52) Toluene	8.720	92	26703	7.070	ug/l	100
95) Naphthalene	13.780	128	8506	1.416	ug/l	99

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

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Quant Time: Feb 07 23:33:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

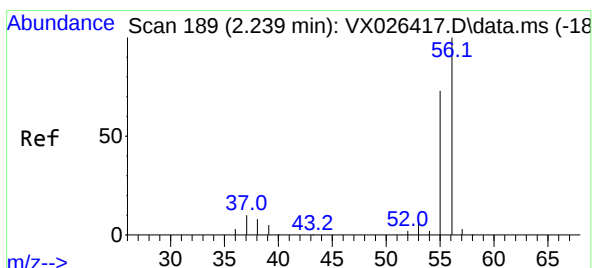
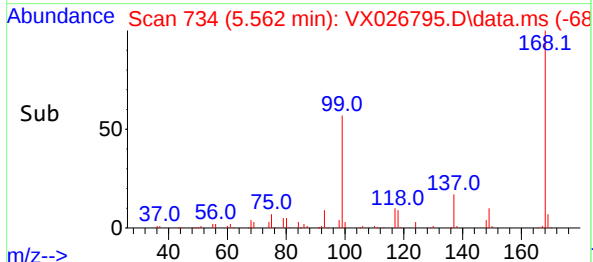
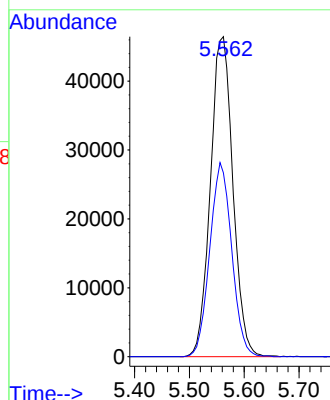
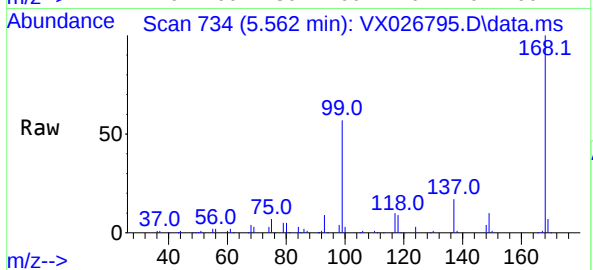




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026795.D
Acq: 07 Feb 2022 19:20

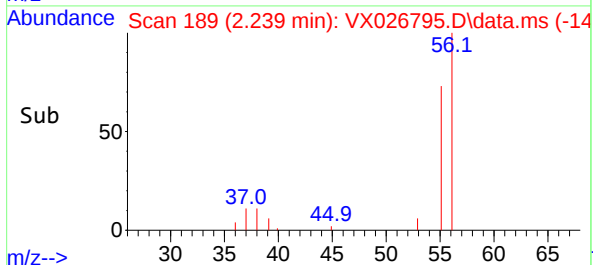
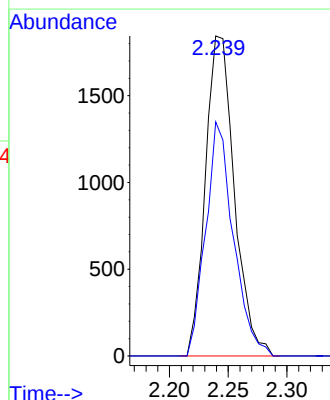
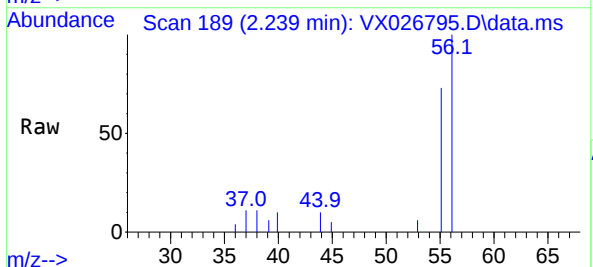
Instrument :
MSVOA_X
ClientSampleId :
GRIT-STOCKPILE

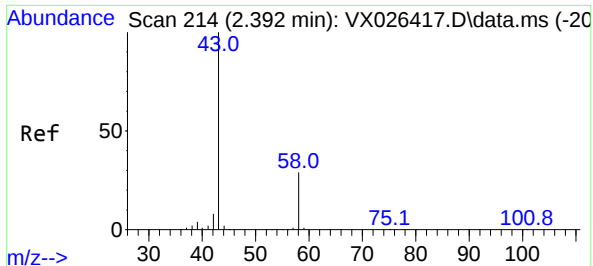
Tgt Ion:168 Resp: 132323
Ion Ratio Lower Upper
168 100
99 57.4 50.3 75.5



#13
Acrolein
Concen: 11.591 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX026795.D
Acq: 07 Feb 2022 19:20

Tgt Ion: 56 Resp: 3167
Ion Ratio Lower Upper
56 100
55 70.0 56.9 85.3

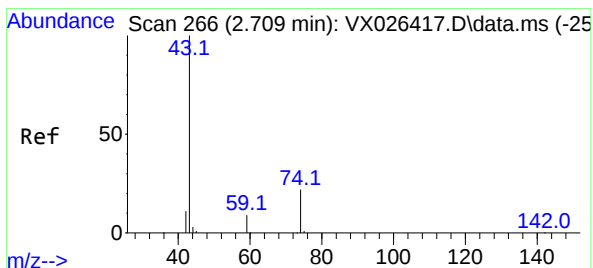
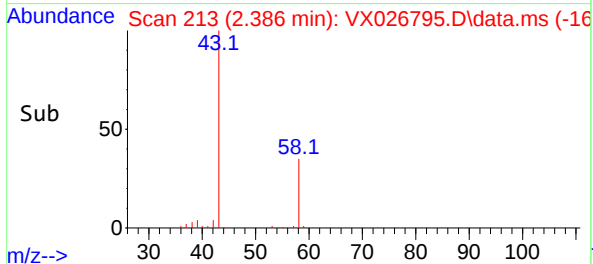
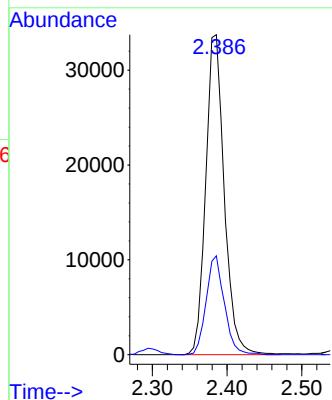
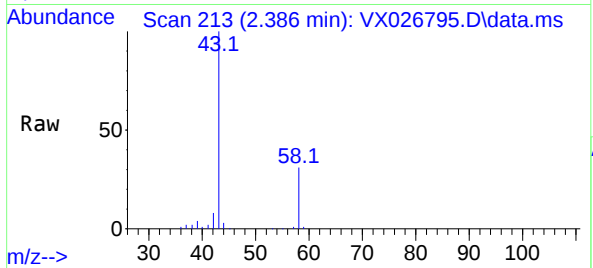




#16
Acetone
Concen: 61.691 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026795.D
Acq: 07 Feb 2022 19:20

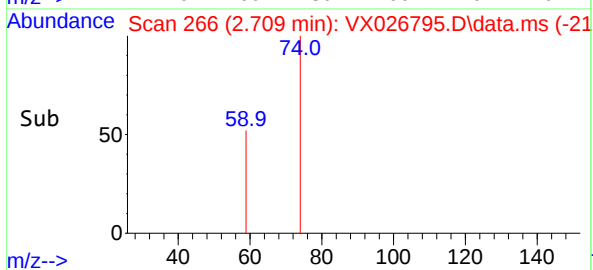
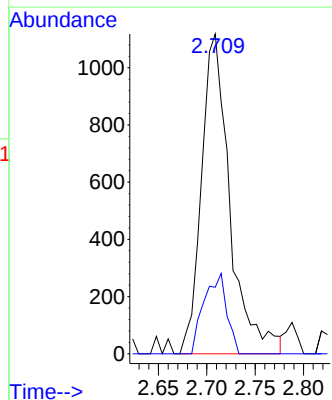
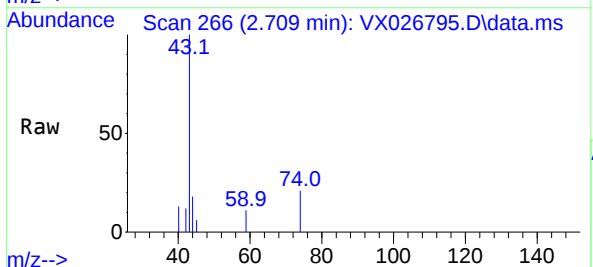
Instrument :
MSVOA_X
ClientSampleId :
GRIT-STOCKPILE

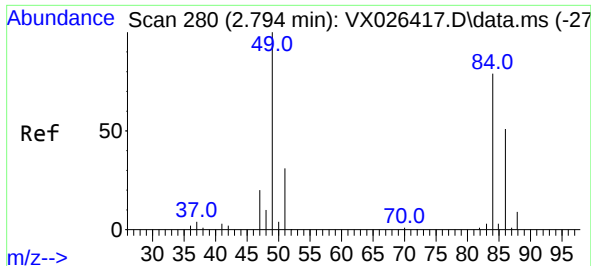
Tgt Ion: 43 Resp: 58152
Ion Ratio Lower Upper
43 100
58 30.9 23.0 34.6



#18
Methyl Acetate
Concen: 1.222 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026795.D
Acq: 07 Feb 2022 19:20

Tgt Ion: 43 Resp: 2290
Ion Ratio Lower Upper
43 100
74 20.0 18.3 27.5



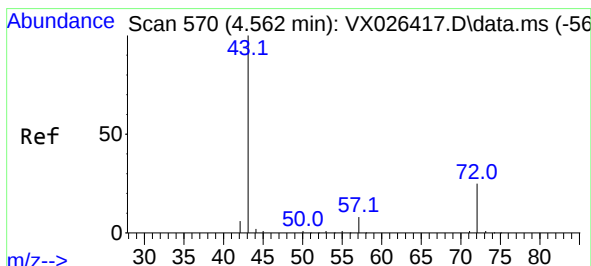
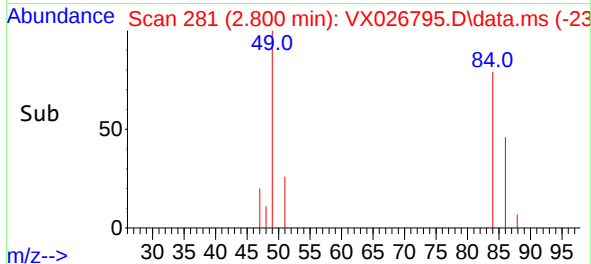
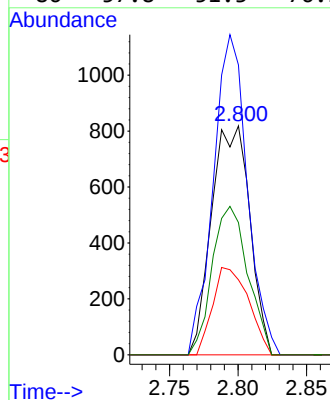
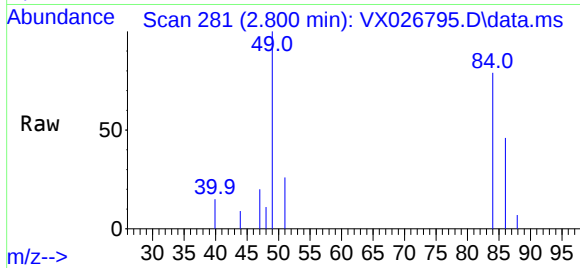


#20
Methylene Chloride
Concen: 1.020 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026795.D
Acq: 07 Feb 2022 19:20

Instrument :
MSVOA_X
ClientSampleId :
GRIT-STOCKPILE

Tgt Ion: 84 Resp: 1588

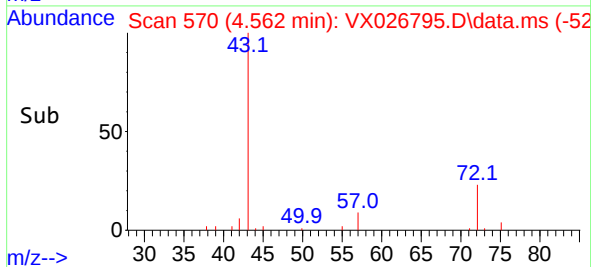
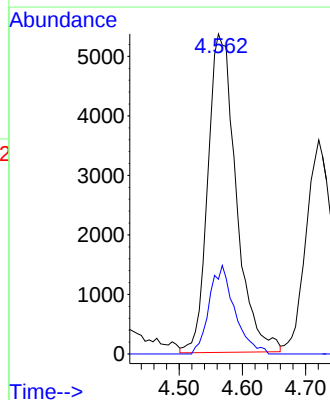
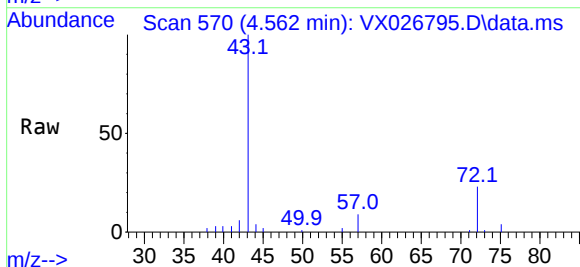
Ion	Ratio	Lower	Upper
84	100		
49	126.6	101.5	152.3
51	32.7	31.2	46.8
86	57.8	51.3	76.9

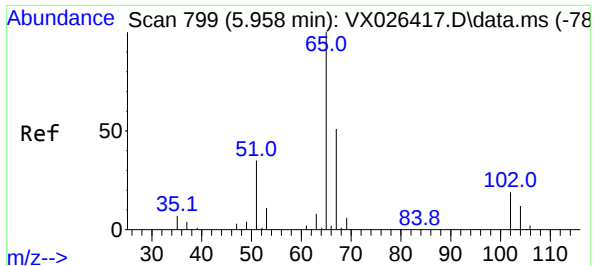


#25
2-Butanone
Concen: 13.554 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX026795.D
Acq: 07 Feb 2022 19:20

Tgt Ion: 43 Resp: 16615

Ion	Ratio	Lower	Upper
43	100		
72	23.8	20.4	30.6





#33

1,2-Dichloroethane-d4

Concen: 44.034 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX026795.D

Acq: 07 Feb 2022 19:20

Instrument :

MSVOA_X

ClientSampleId :

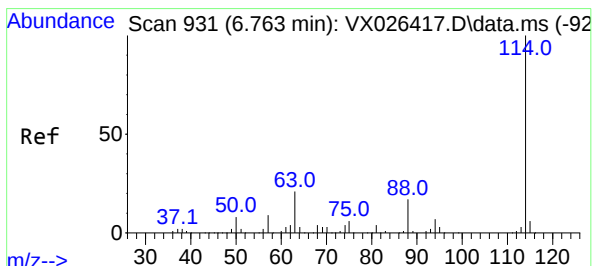
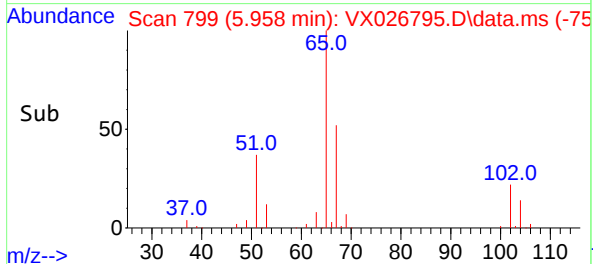
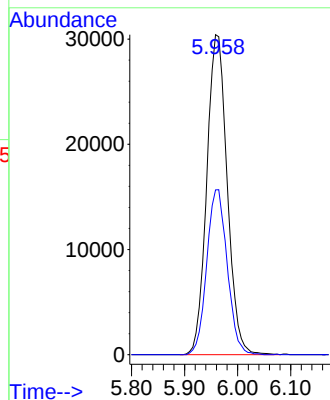
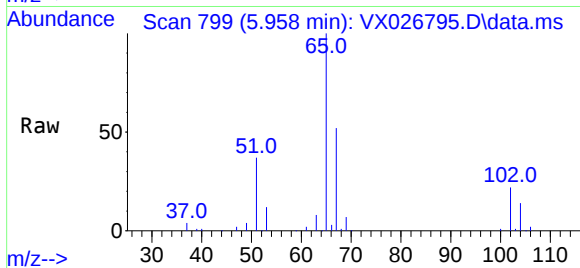
GRIT-STOCKPILE

Tgt Ion: 65 Resp: 81395

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX026795.D

Acq: 07 Feb 2022 19:20

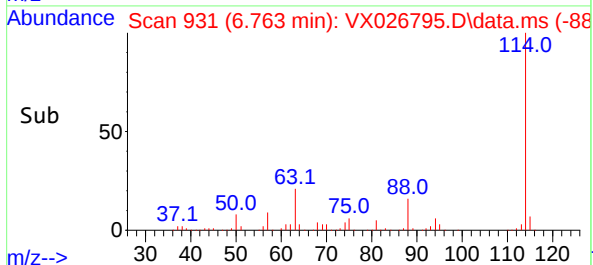
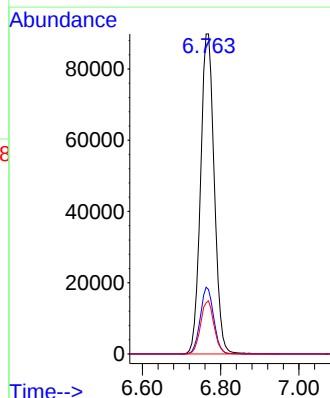
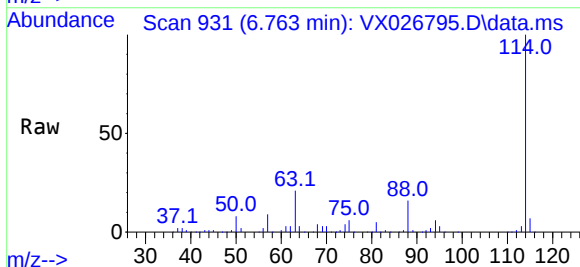
Tgt Ion: 114 Resp: 218576

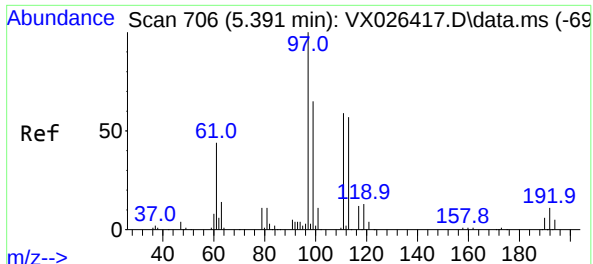
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

88 16.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.291 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026795.D

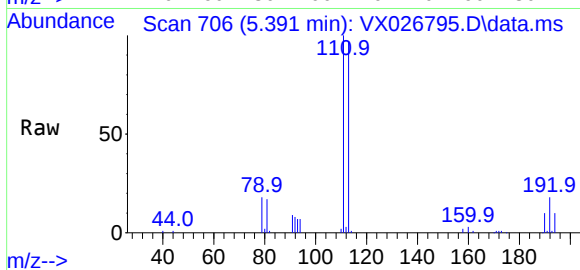
Acq: 07 Feb 2022 19:20

Instrument :

MSVOA_X

ClientSampleId :

GRIT-STOCKPILE



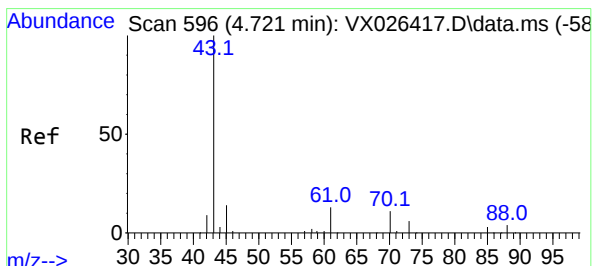
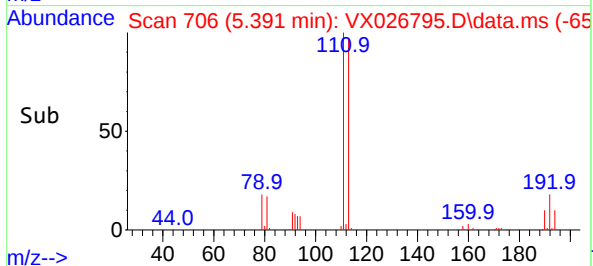
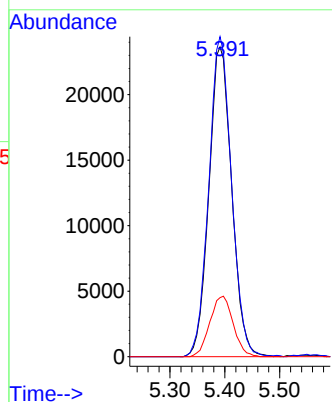
Tgt Ion:113 Resp: 68163

Ion Ratio Lower Upper

113 100

111 103.0 81.2 121.8

192 20.0 15.0 22.4



#37

Ethyl Acetate

Concen: 4.992 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX026795.D

Acq: 07 Feb 2022 19:20

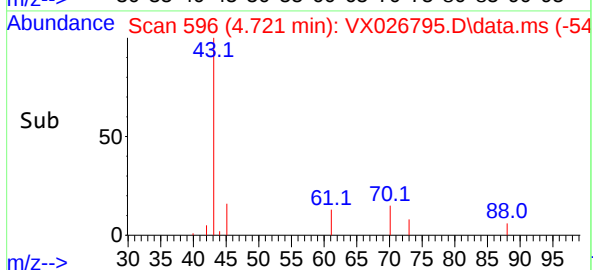
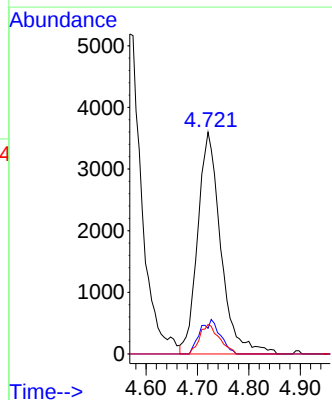
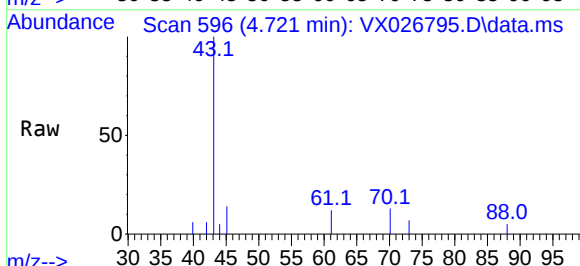
Tgt Ion: 43 Resp: 11252

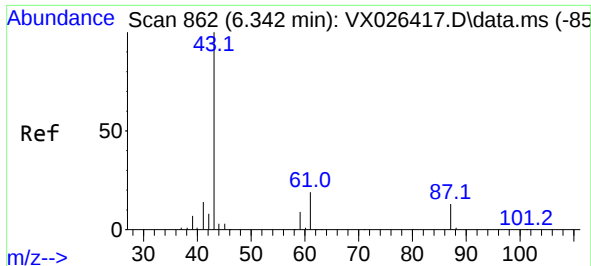
Ion Ratio Lower Upper

43 100

61 13.5 10.6 16.0

70 11.2 8.5 12.7

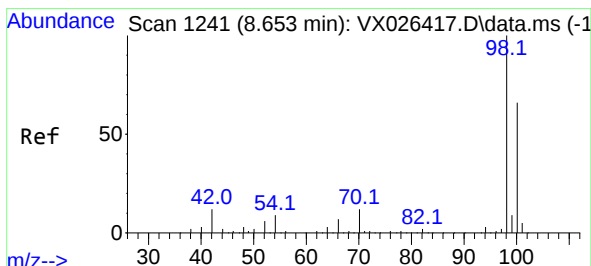
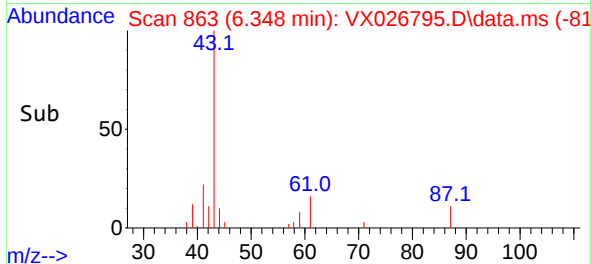
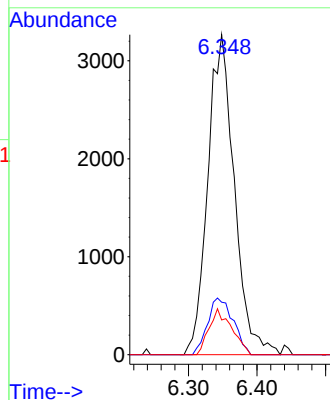
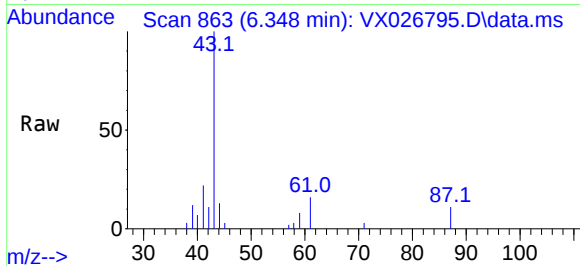




#43
Isopropyl Acetate
Concen: 2.414 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026795.D
Acq: 07 Feb 2022 19:20

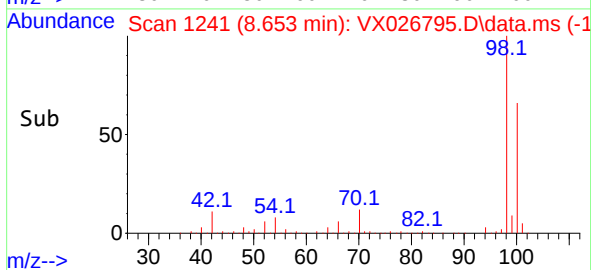
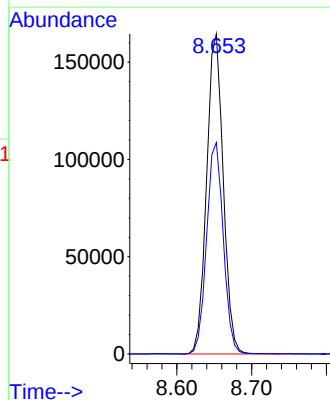
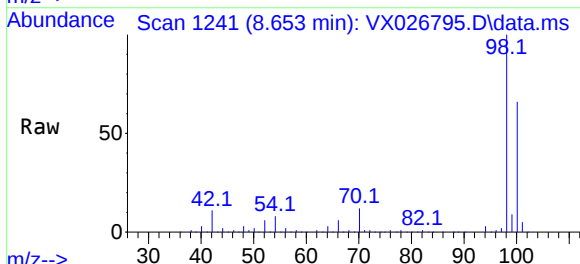
Instrument :
MSVOA_X
ClientSampleId :
GRIT-STOCKPILE

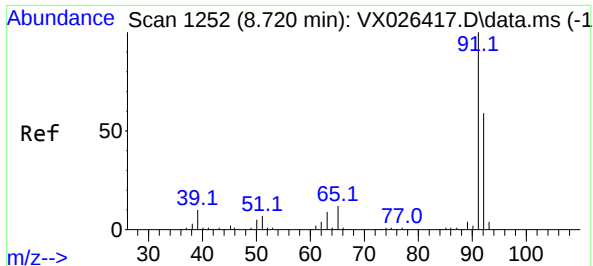
Tgt Ion: 43 Resp: 8791
Ion Ratio Lower Upper
43 100
61 17.1 15.4 23.0
87 12.3 10.2 15.2



#50
Toluene-d8
Concen: 49.876 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026795.D
Acq: 07 Feb 2022 19:20

Tgt Ion: 98 Resp: 253690
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8





#52

Toluene

Concen: 7.070 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX026795.D

Acq: 07 Feb 2022 19:20

Instrument :

MSVOA_X

ClientSampleId :

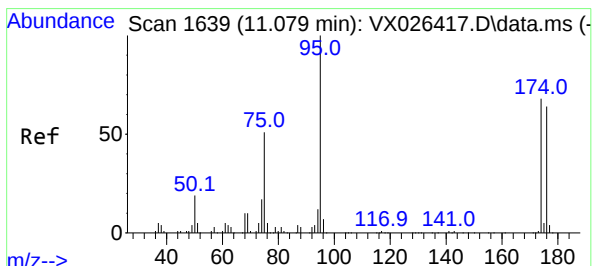
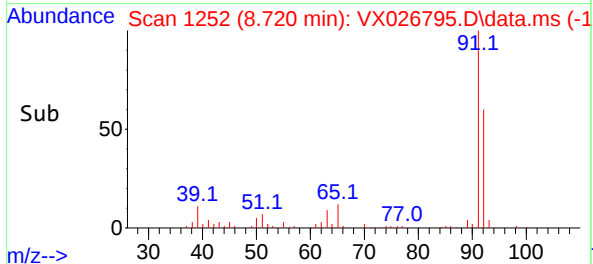
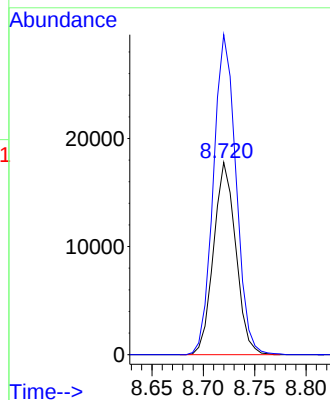
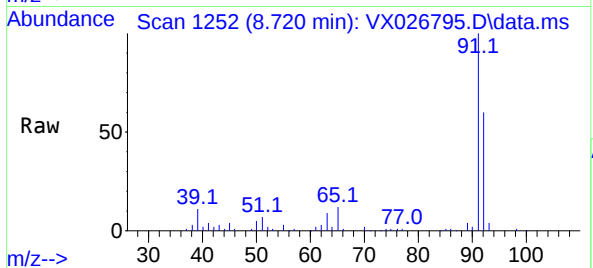
GRIT-STOCKPILE

Tgt Ion: 92 Resp: 26703

Ion Ratio Lower Upper

92 100

91 169.8 135.7 203.5



#62

4-Bromofluorobenzene

Concen: 50.421 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX026795.D

Acq: 07 Feb 2022 19:20

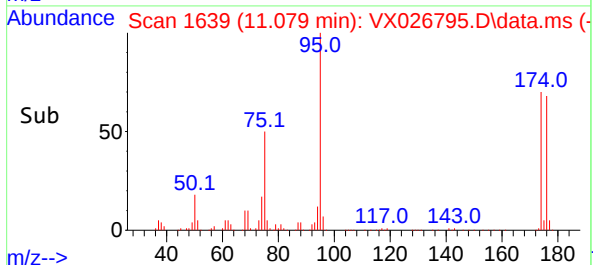
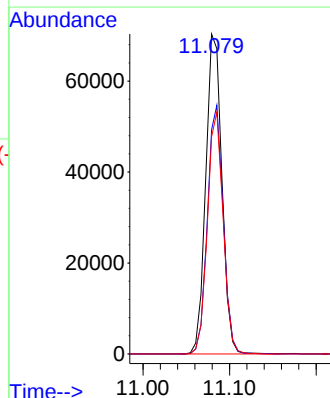
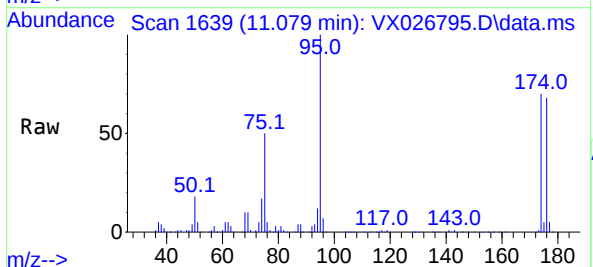
Tgt Ion: 95 Resp: 91106

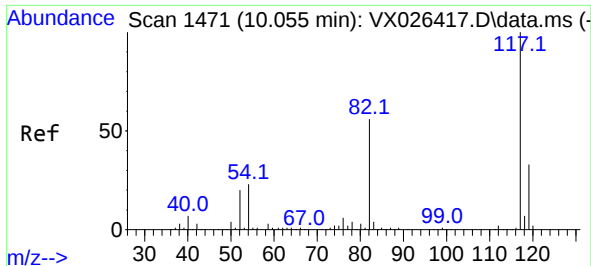
Ion Ratio Lower Upper

95 100

174 76.1 0.0 148.6

176 73.5 0.0 141.4

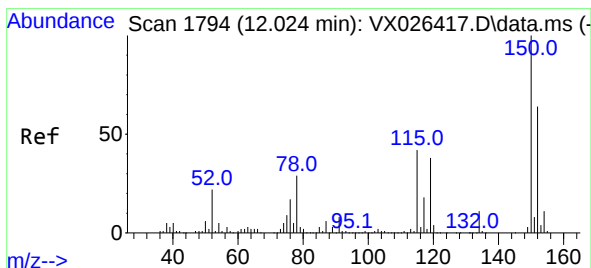
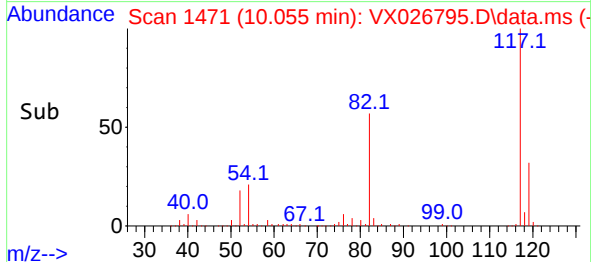
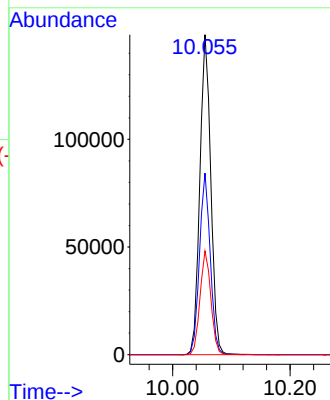
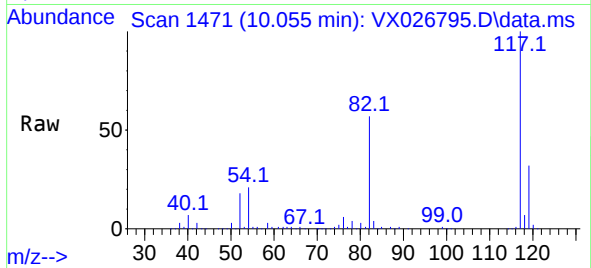




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026795.D
Acq: 07 Feb 2022 19:20

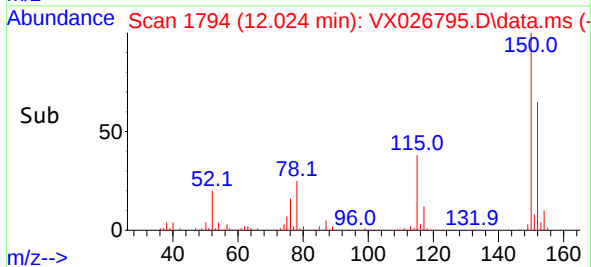
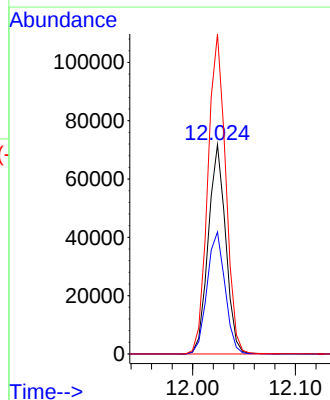
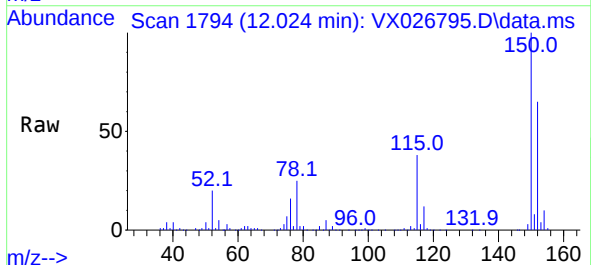
Instrument :
MSVOA_X
ClientSampleId :
GRIT-STOCKPILE

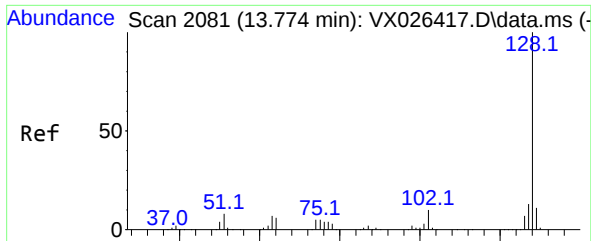
Tgt Ion:117 Resp: 192519
Ion Ratio Lower Upper
117 100
82 56.7 45.2 67.8
119 32.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026795.D
Acq: 07 Feb 2022 19:20

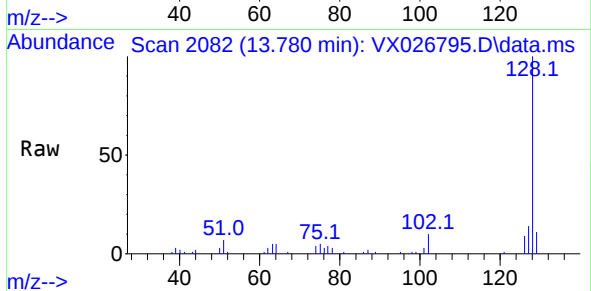
Tgt Ion:152 Resp: 84456
Ion Ratio Lower Upper
152 100
115 60.4 44.2 132.6
150 157.3 0.0 348.2





#95
Naphthalene
Concen: 1.416 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX026795.D
Acq: 07 Feb 2022 19:20

Instrument :
MSVOA_X
ClientSampleId :
GRIT-STOCKPILE



Tgt Ion:	128	Resp:	8506
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.6	8.7	13.1

