

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026920.D
 Acq On : 10 Feb 2022 15:06
 Operator : JC/MD
 Sample : N1433-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 6NEFF-022

Quant Time: Feb 11 03:41:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 2022
 Response via : Initial Calibration

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

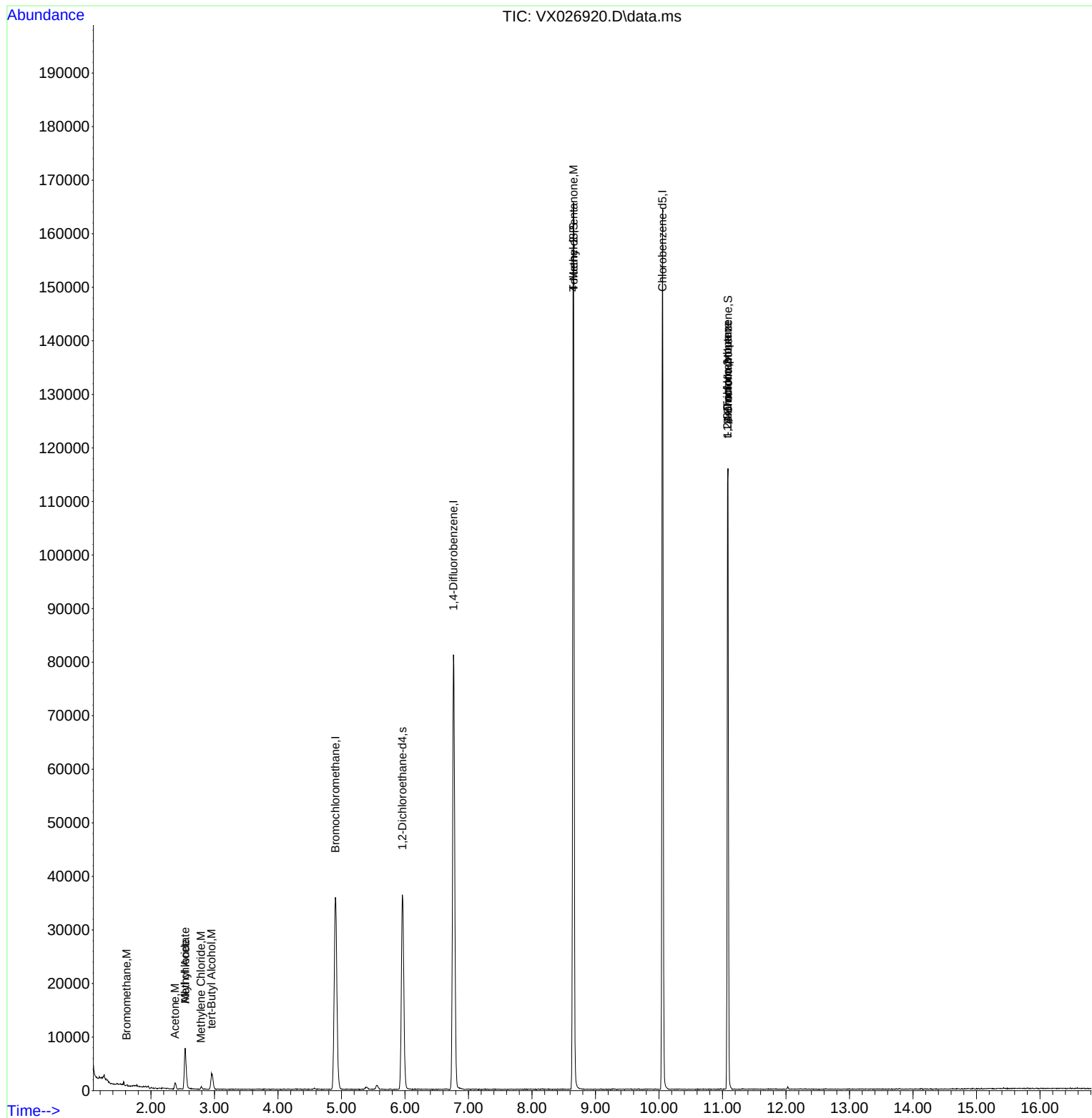
Internal Standards						
1) Bromochloromethane	4.904	128	15435	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	84463	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	73323	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	36246	29.204	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.333%
60) 4-Bromofluorobenzene	11.085	95	33154	27.093	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.300%
63) Toluene-d8	8.653	98	98824	29.339	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.800%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	119	0.294	ug/l #	81
12) Methyl Acetate	2.538	43	2513	1.446	ug/l #	54
15) Acetone	2.380	58	440	2.889	ug/l #	40
17) Allyl chloride	2.538	41	860	0.539	ug/l #	85
18) Methylene Chloride	2.788	84	186	0.204	ug/l #	48
23) tert-Butyl Alcohol	2.953	59	2482	14.114	ug/l #	100
56) Bromoform	11.085	173	248	0.385	ug/l #	1
58) 4-Methyl-2-Pentanone	8.653	43	485	0.355	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	16710	14.279	ug/l	38
77) t-1,4-Dichloro-2-butene	11.079	75	16710	47.476	ug/l #	3

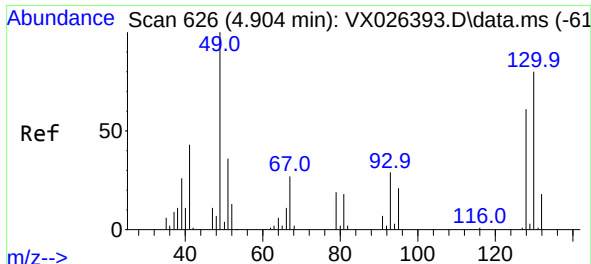
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
Data File : VX026920.D
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ClientSampleId :
6NEFF-022

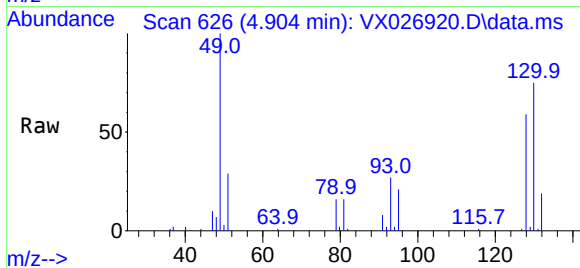
Quant Time: Feb 11 03:41:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 10 12:50:55 2022
Response via : Initial Calibration



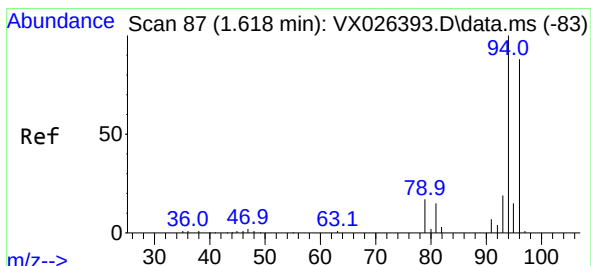
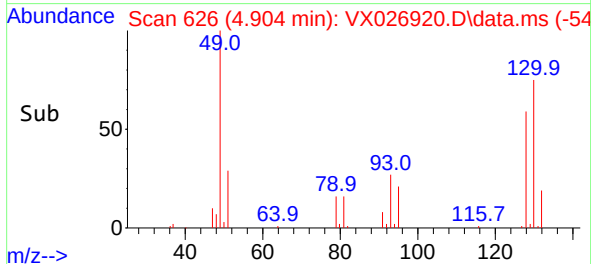
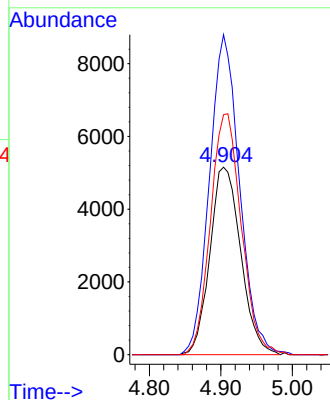


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX026920.D
Acq: 10 Feb 2022 15:06

Instrument :
MSVOA_X
ClientSampleId :
6NEFF-022

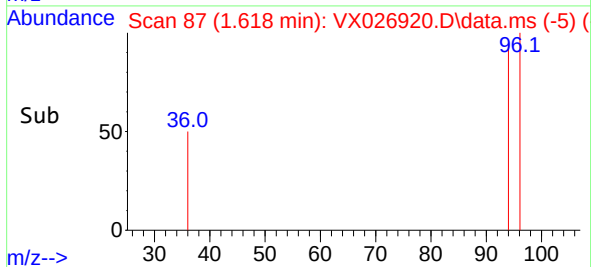
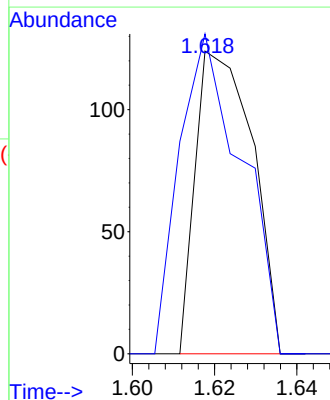
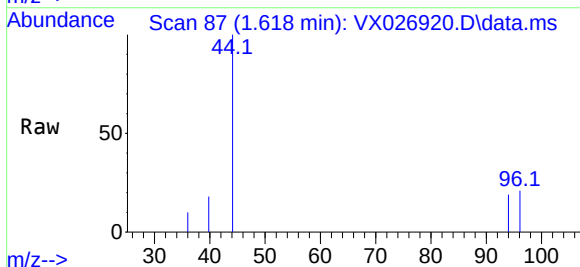


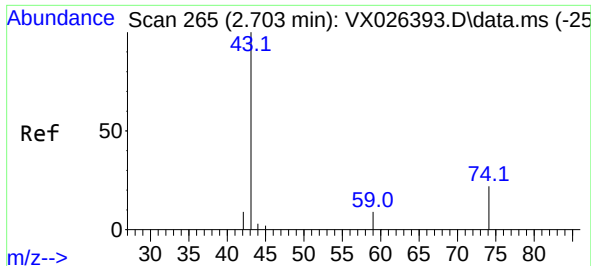
Tgt Ion:128 Resp: 15435
Ion Ratio Lower Upper
128 100
49 166.4 0.0 413.5
130 128.6 0.0 326.0



#5
Bromomethane
Concen: 0.294 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX026920.D
Acq: 10 Feb 2022 15:06

Tgt Ion: 94 Resp: 119
Ion Ratio Lower Upper
94 100
96 105.6 70.3 105.5#





#12

Methyl Acetate

Concen: 1.446 ug/l

RT: 2.538 min Scan# 21

Delta R.T. -0.164 min

Lab File: VX026920.D

Acq: 10 Feb 2022 15:06

Instrument :

MSVOA_X

ClientSampleId :

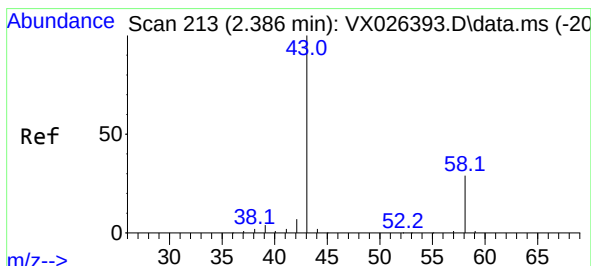
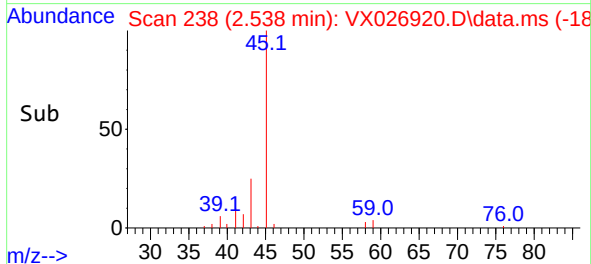
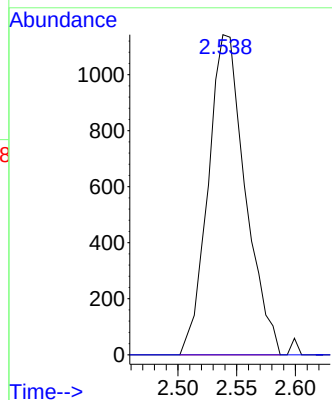
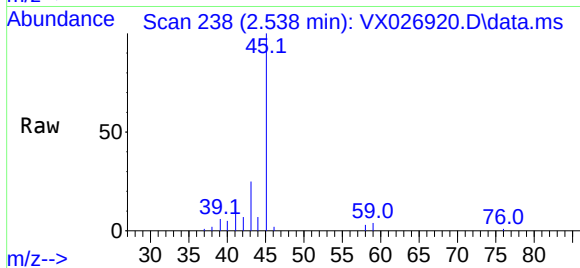
6NEFF-022

Tgt Ion: 43 Resp: 2513

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.6#



#15

Acetone

Concen: 2.889 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX026920.D

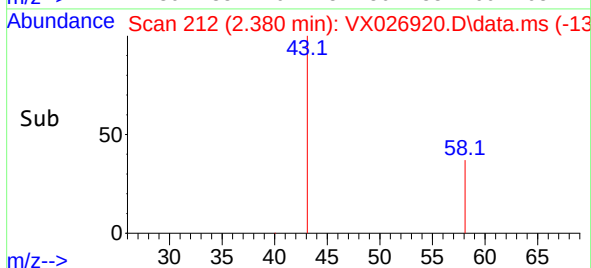
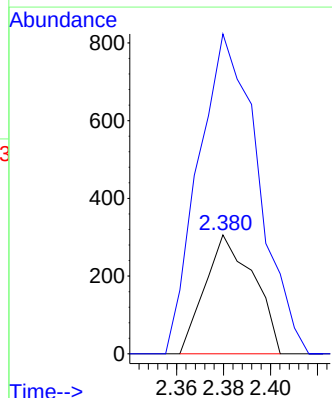
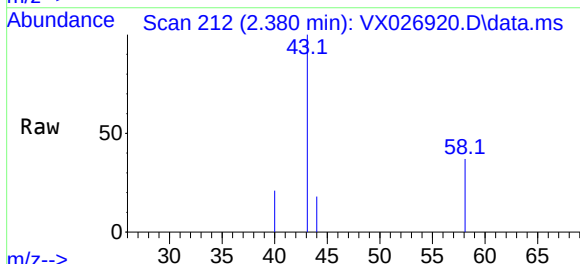
Acq: 10 Feb 2022 15:06

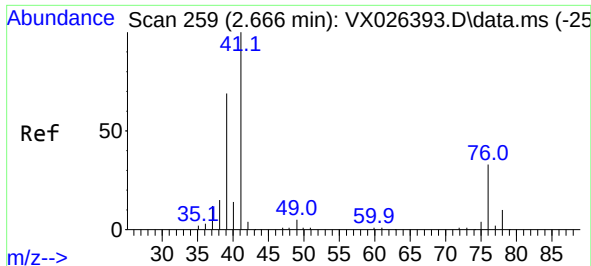
Tgt Ion: 58 Resp: 440

Ion Ratio Lower Upper

58 100

43 215.4 276.3 414.5#





#17

Allyl chloride

Concen: 0.539 ug/l

RT: 2.538 min Scan# 21

Delta R.T. -0.128 min

Lab File: VX026920.D

Acq: 10 Feb 2022 15:06

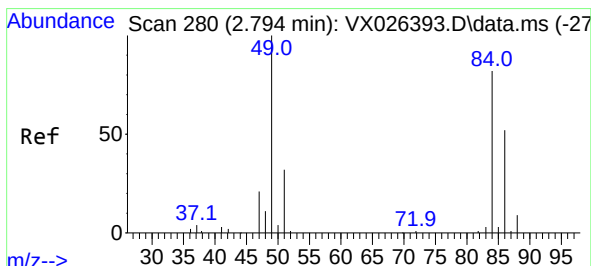
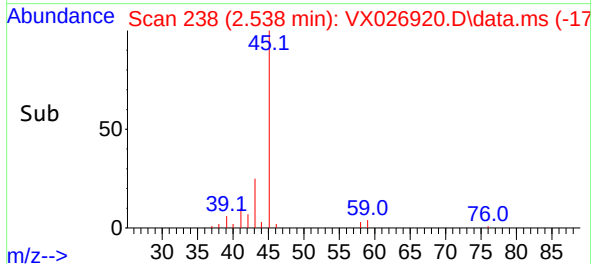
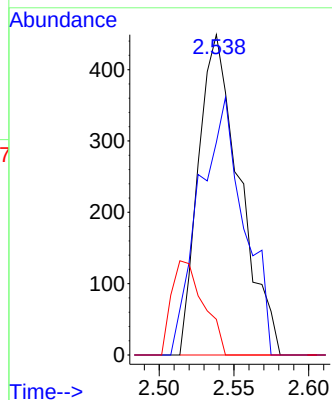
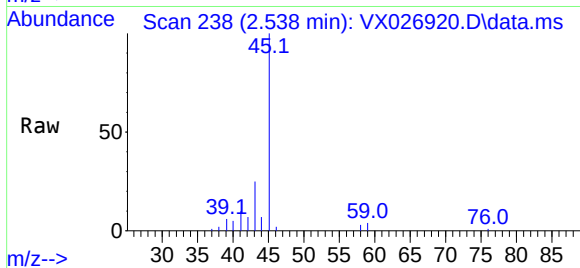
Instrument :

MSVOA_X

ClientSampleId :

6NEFF-022

Tgt Ion: 41	Resp: 860
Ion Ratio	Lower Upper
41	100
39	66.4 34.5 103.5
76	11.1 16.7 50.0



#18

Methylene Chloride

Concen: 0.204 ug/l

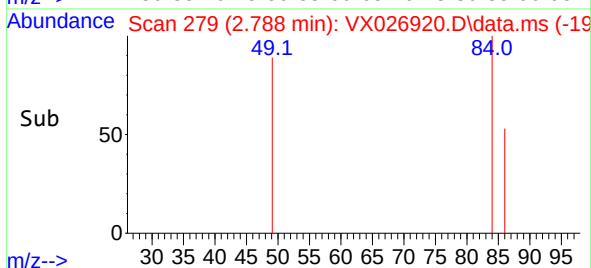
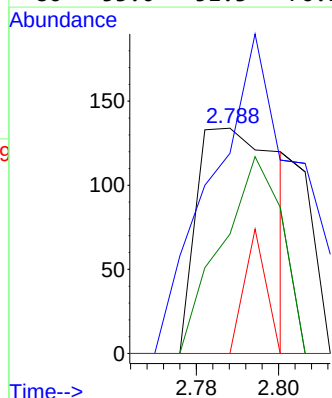
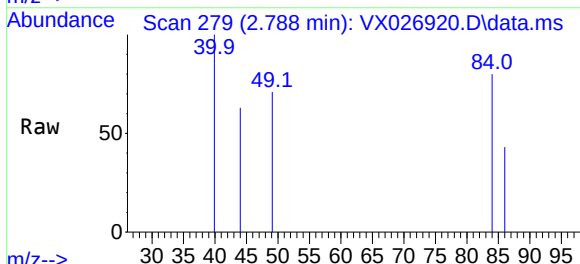
RT: 2.788 min Scan# 279

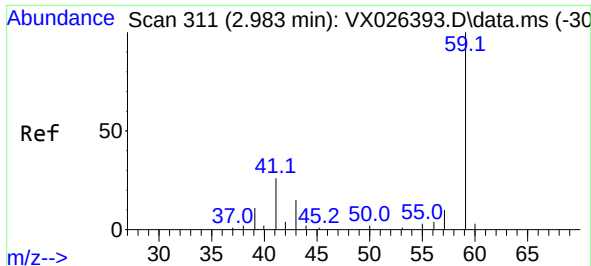
Delta R.T. -0.006 min

Lab File: VX026920.D

Acq: 10 Feb 2022 15:06

Tgt Ion: 84	Resp: 186
Ion Ratio	Lower Upper
84	100
49	45.5 97.8 146.8
51	0.0 31.1 46.7
86	53.0 51.3 76.9

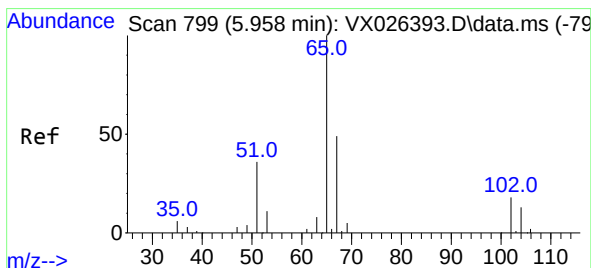
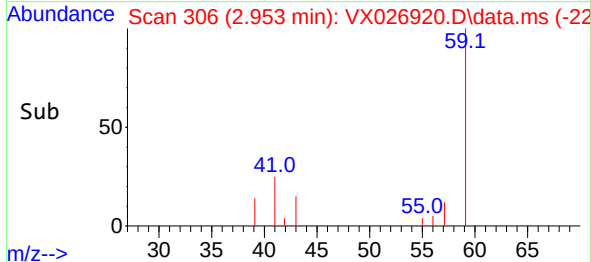
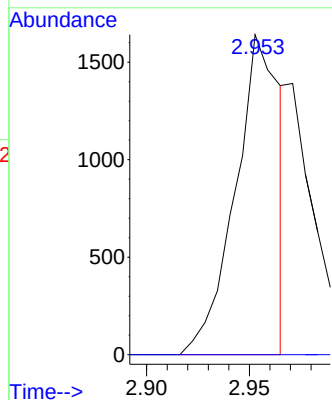
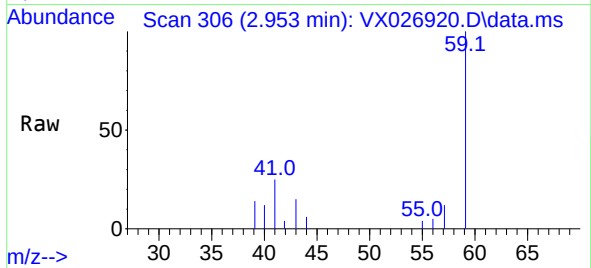




#23
tert-Butyl Alcohol
Concen: 14.114 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX026920.D
Acq: 10 Feb 2022 15:06

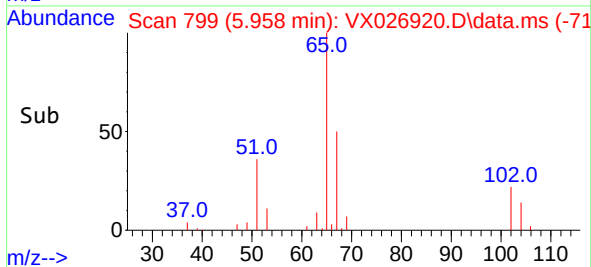
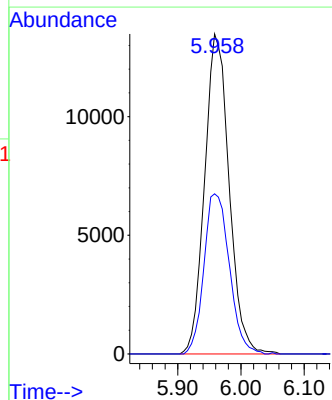
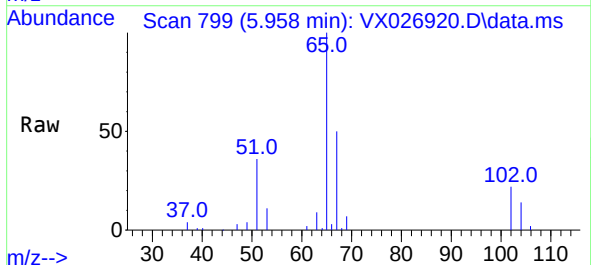
Instrument :
MSVOA_X
ClientSampleId :
6NEFF-022

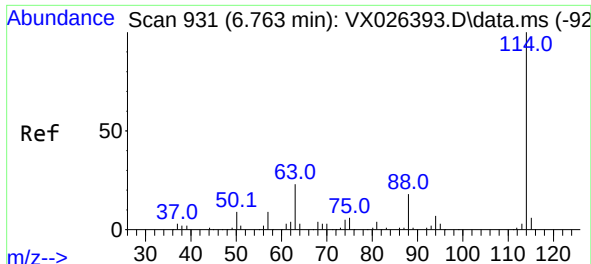
Tgt Ion: 59 Resp: 2482
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#27
1,2-Dichloroethane-d4
Concen: 29.204 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026920.D
Acq: 10 Feb 2022 15:06

Tgt Ion: 65 Resp: 36246
Ion Ratio Lower Upper
65 100
67 52.0 39.6 59.4



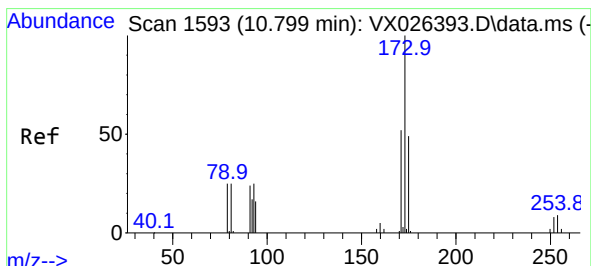
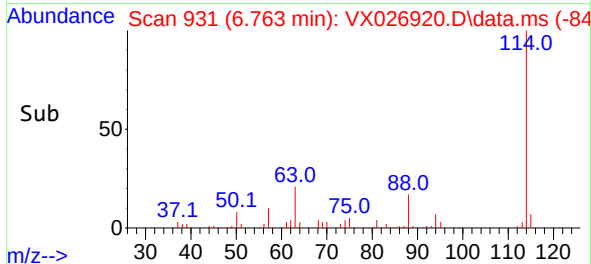
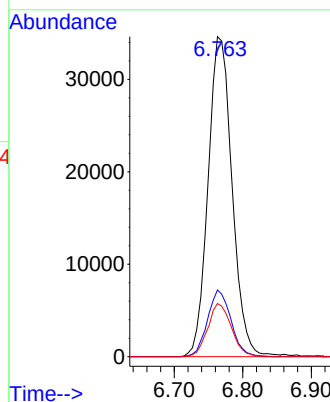
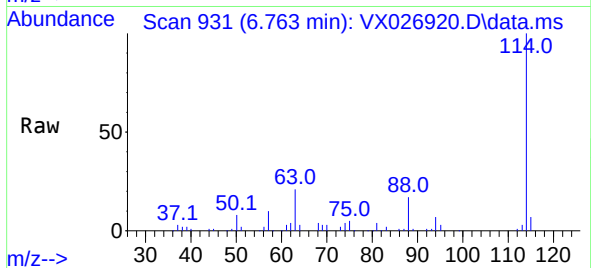


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026920.D
Acq: 10 Feb 2022 15:06

Instrument :
MSVOA_X
ClientSampleId :
6NEFF-022

Tgt Ion:114 Resp: 84463

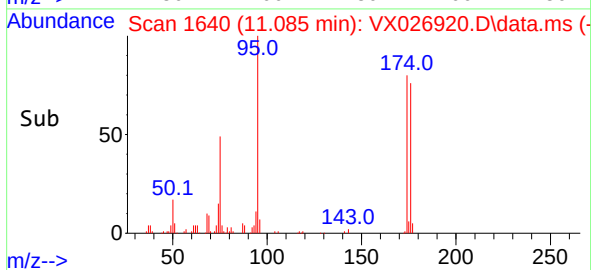
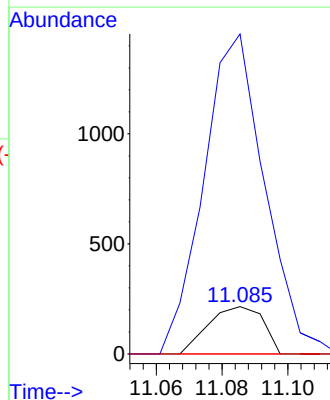
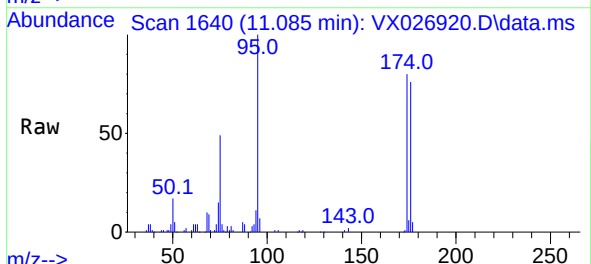
Ion	Ratio	Lower	Upper
114	100		
63	20.3	17.4	26.2
88	16.3	13.5	20.3

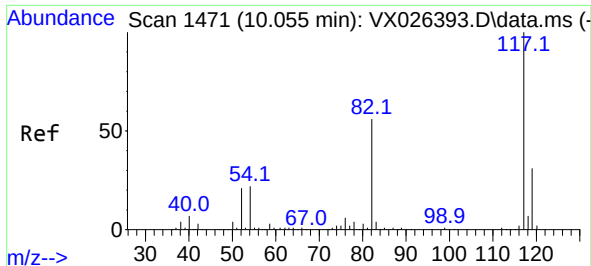


#56
Bromoform
Concen: 0.385 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.287 min
Lab File: VX026920.D
Acq: 10 Feb 2022 15:06

Tgt Ion:173 Resp: 248

Ion	Ratio	Lower	Upper
173	100		
175	756.9	38.0	57.0#
254	0.0	6.6	10.0#

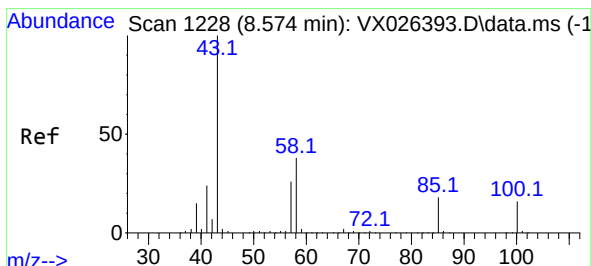
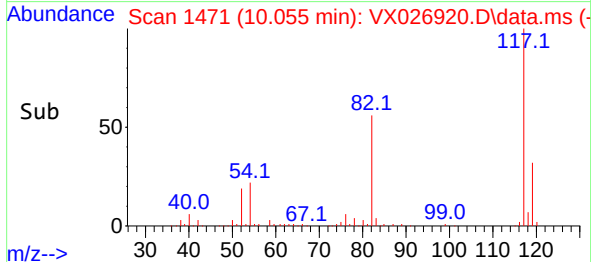
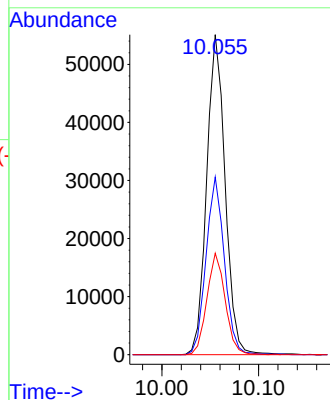
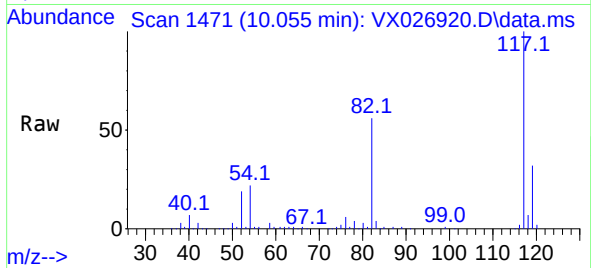




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026920.D
Acq: 10 Feb 2022 15:06

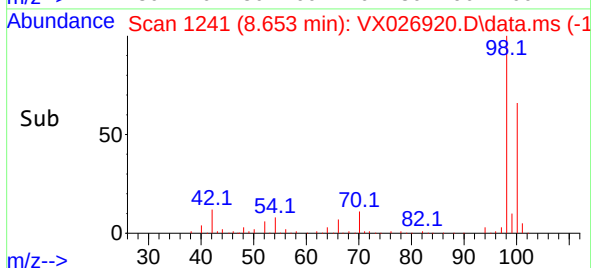
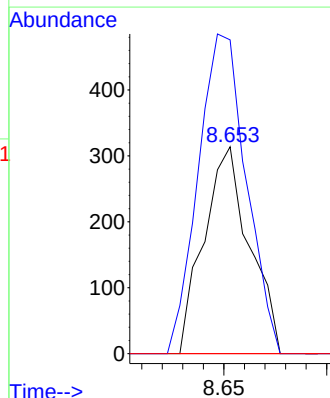
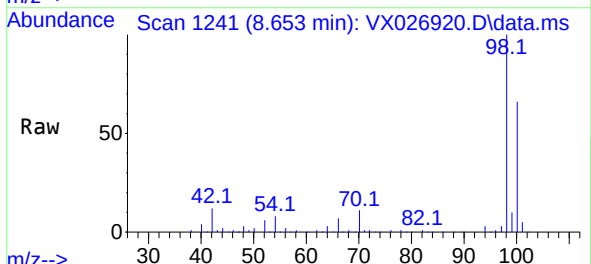
Instrument :
MSVOA_X
ClientSampleId :
6NEFF-022

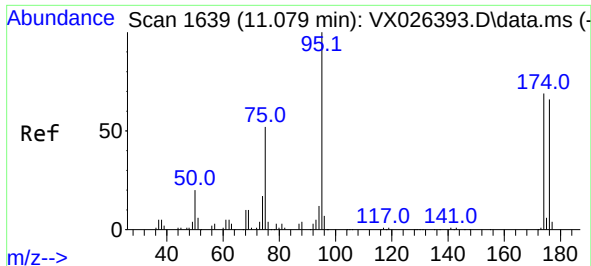
Tgt Ion:117 Resp: 73323
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 31.5 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 0.355 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX026920.D
Acq: 10 Feb 2022 15:06

Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
58 162.7 30.2 45.4#
85 0.0 14.1 21.1#

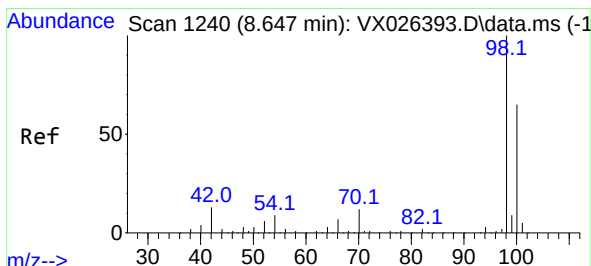
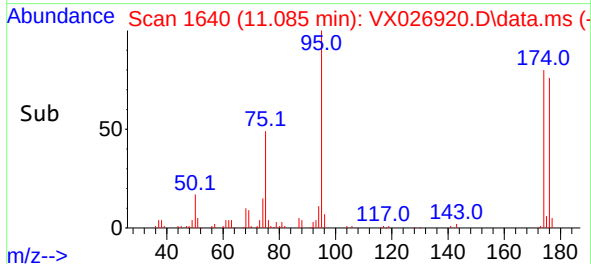
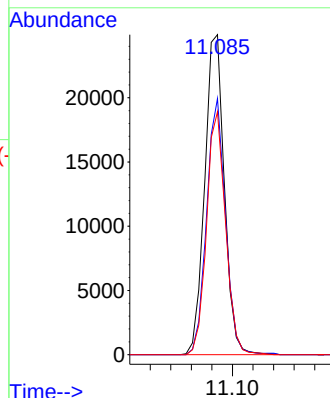
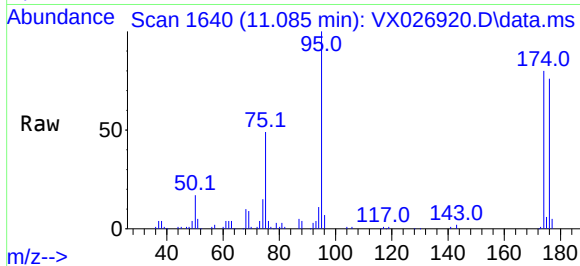




#60
4-Bromofluorobenzene
Concen: 27.093 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026920.D
Acq: 10 Feb 2022 15:06

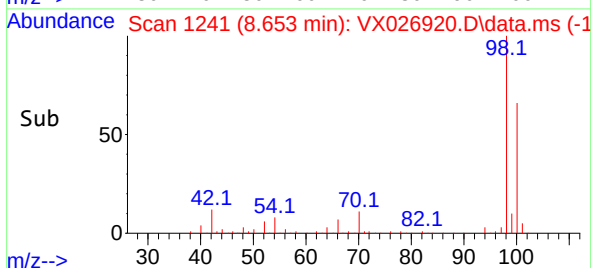
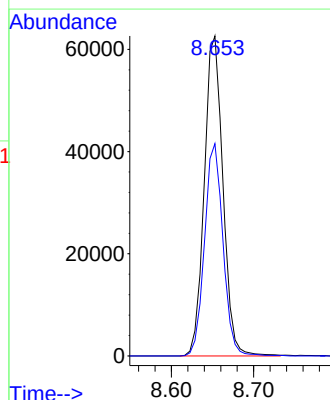
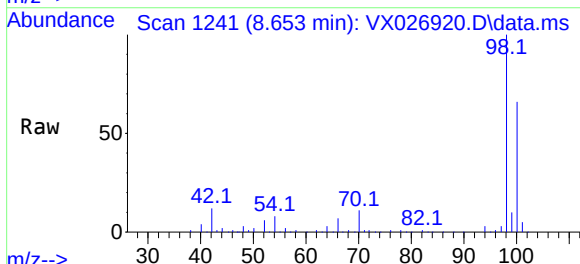
Instrument :
MSVOA_X
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6NEFF-022

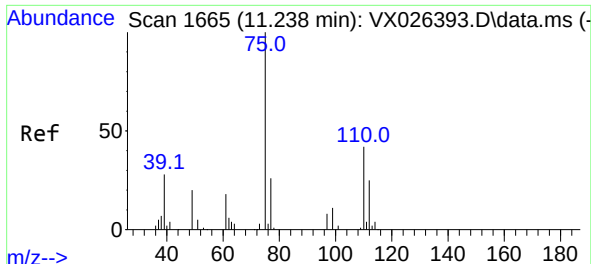
Tgt Ion: 95 Resp: 33154
Ion Ratio Lower Upper
95 100
174 76.7 58.0 87.0
176 73.1 56.5 84.7



#63
Toluene-d8
Concen: 29.339 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX026920.D
Acq: 10 Feb 2022 15:06

Tgt Ion: 98 Resp: 98824
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

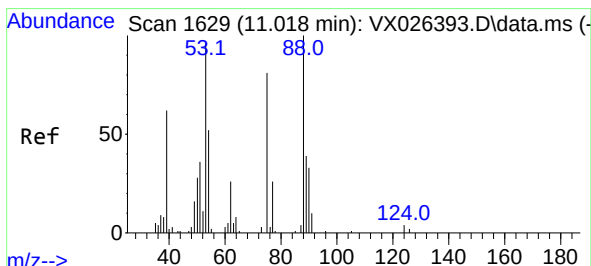
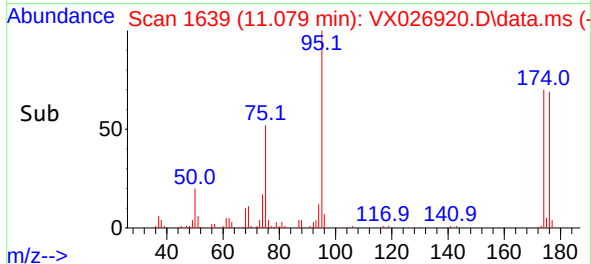
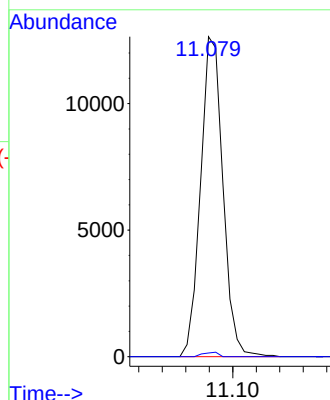
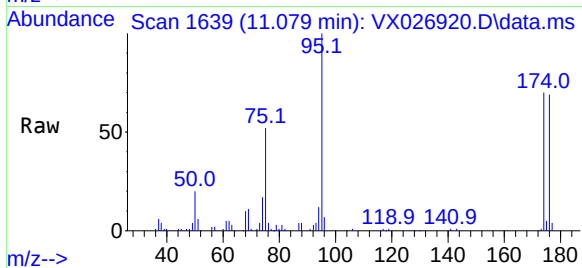




#72
1,2,3-Trichloropropane
Concen: 14.279 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX026920.D
Acq: 10 Feb 2022 15:06

Instrument :
MSVOA_X
ClientSampleId :
6NEFF-022

Tgt Ion: 75 Resp: 16710
Ion Ratio Lower Upper
75 100
77 0.9 0.0 76.2



#77
t-1,4-Dichloro-2-butene
Concen: 47.476 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026920.D
Acq: 10 Feb 2022 15:06

Tgt Ion: 75 Resp: 16710
Ion Ratio Lower Upper
75 100
53 0.0 59.0 176.8#
89 0.0 24.0 72.0#

