

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031022\
 Data File : VU047460.D
 Acq On : 10 Mar 2022 16:04
 Operator : SY/MD
 Sample : N1840-02DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY21DL

Quant Time: Mar 11 00:55:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 11 00:52:41 2022
 Response via : Initial Calibration

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

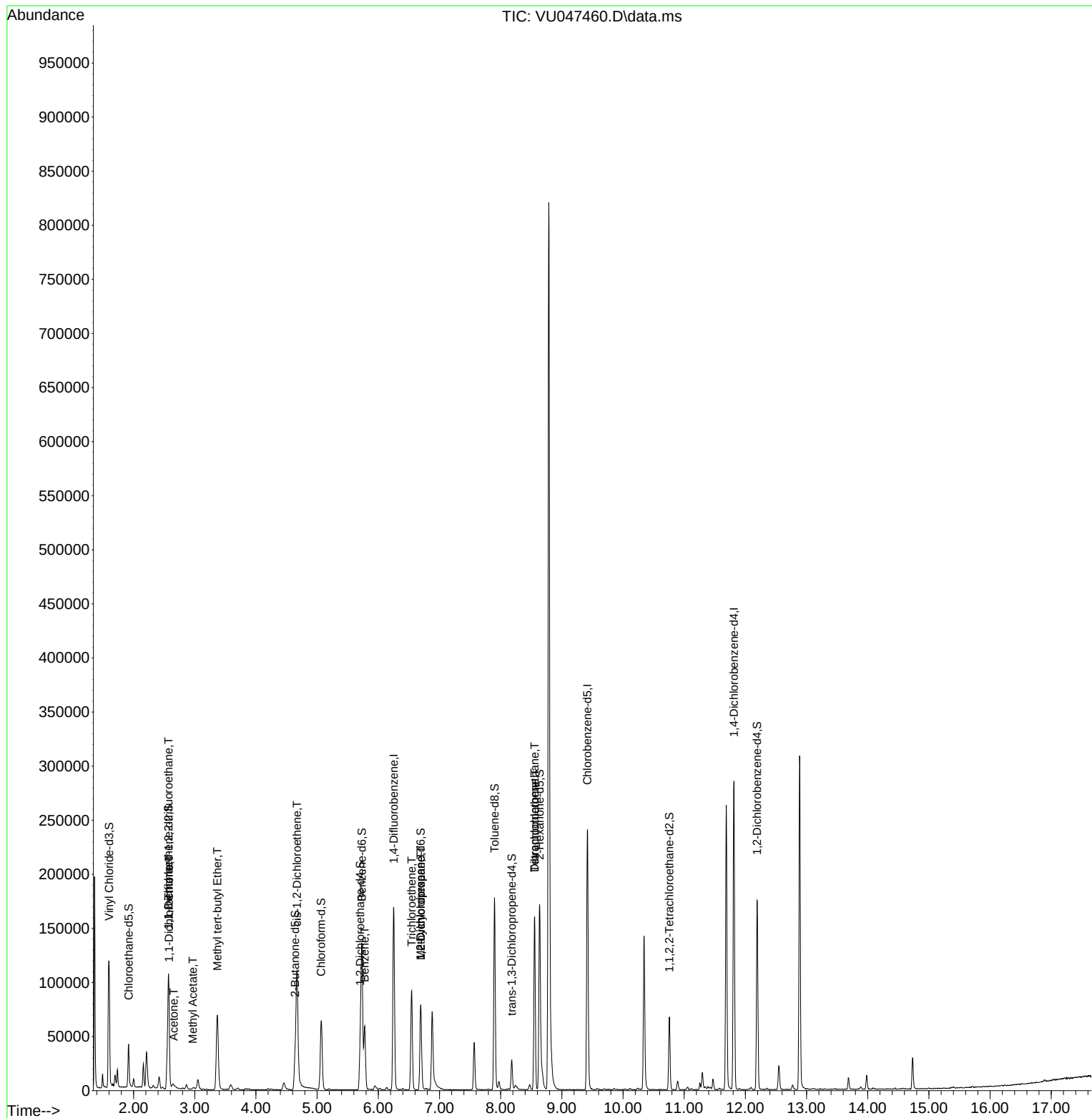
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	143916	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	141940	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79238	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	37544	4.810	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.919	69	28160	4.914	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.572	65	16905	4.903	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	4.642	46	71354	51.346	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.700%
24) Chloroform-d	5.067	84	60274	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.703	65	31160	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.732	84	129458	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.694	67	39374	4.985	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.899	98	122392	4.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.182	79	15580	4.646	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.636	63	72217	48.886	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.780%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33095	4.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	48385	4.816	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	418	0.049	ug/L #	17
12) 1,1-Dichloroethene	2.581	96	1562	0.185	ug/L #	1
13) Acetone	2.658	43	7393	5.790	ug/L #	39
15) Methyl Acetate	2.970	43	561	0.166	ug/L #	50
17) Methyl tert-butyl Ether	3.369	73	81773	3.753	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	50186	5.007	ug/L	95
33) Benzene	5.777	78	55395	1.445	ug/L	100
34) Trichloroethene	6.546	95	29945	2.922	ug/L	96
35) Methylcyclohexane	6.694	83	9014	0.558	ug/L #	41
37) 1,2-Dichloropropane	6.694	63	4128	0.432	ug/L #	88
47) Tetrachloroethene	8.555	164	37403	4.303	ug/L	96
49) Dibromochloromethane	8.555	129	33153	3.488	ug/L #	12

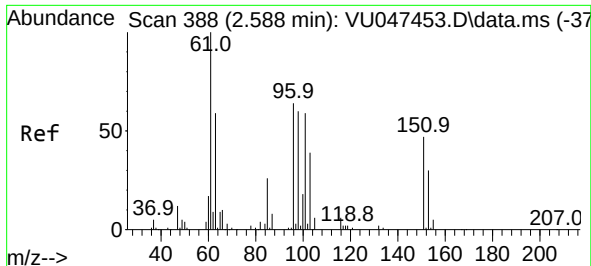
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031022\
Data File : VU047460.D
Acq On : 10 Mar 2022 16:04
Operator : SY/MD
Sample : N1840-02DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY21DL

Quant Time: Mar 11 00:55:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 11 00:52:41 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.049 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU047460.D

Acq: 10 Mar 2022 16:04

Instrument :

MSVOA_U

ClientSampleId :

BFY21DL

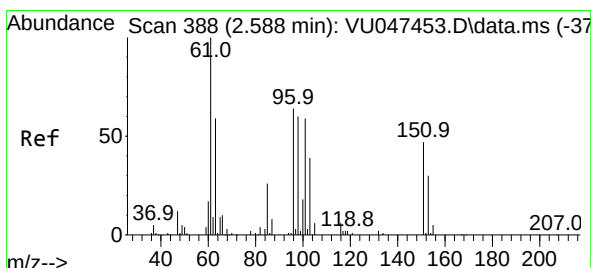
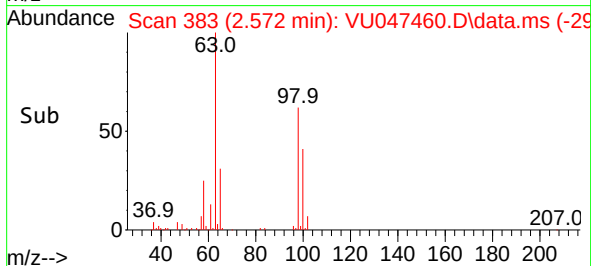
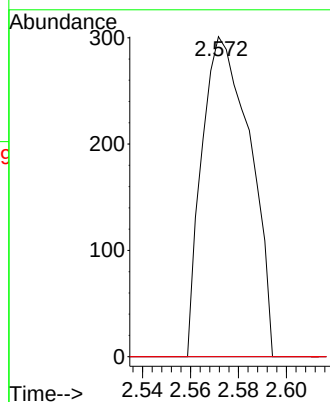
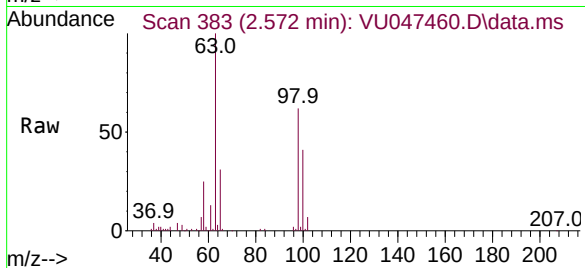
Tgt Ion:101 Resp: 418

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 64.8 97.2#



#12

1,1-Dichloroethene

Concen: 0.185 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.006 min

Lab File: VU047460.D

Acq: 10 Mar 2022 16:04

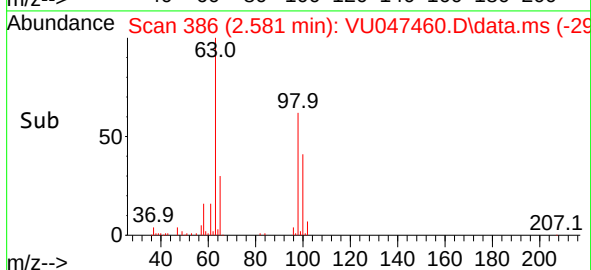
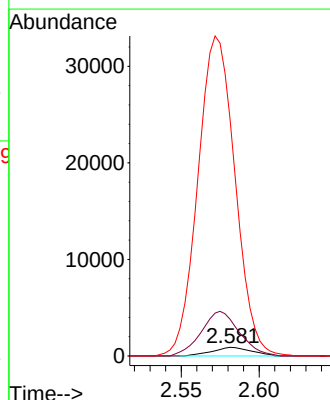
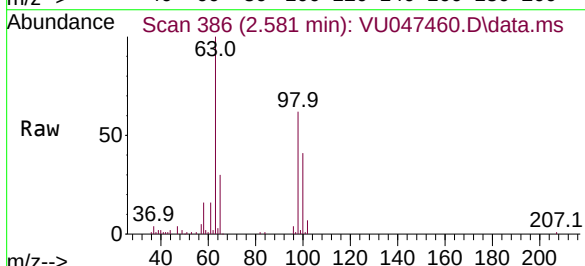
Tgt Ion: 96 Resp: 1562

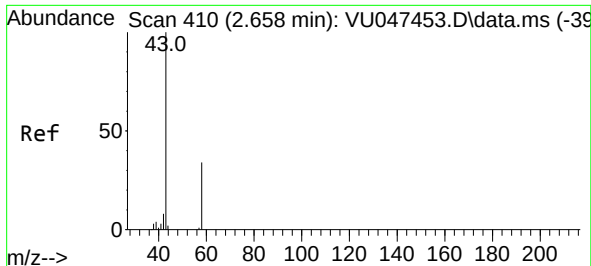
Ion Ratio Lower Upper

96 100

61 425.6 108.8 202.0#

63 2738.6 64.0 119.0#





#13

Acetone

Concen: 5.790 ug/L

RT: 2.658 min Scan# 410

Delta R.T. 0.000 min

Lab File: VU047460.D

Acq: 10 Mar 2022 16:04

Instrument :

MSVOA_U

ClientSampleId :

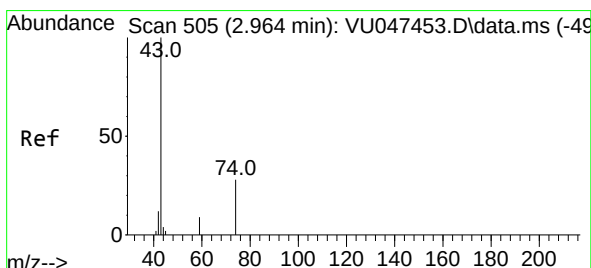
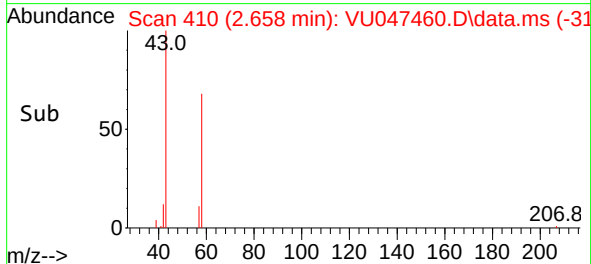
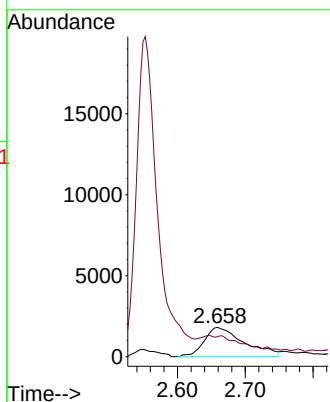
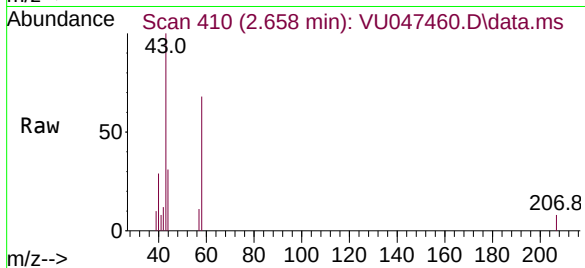
BFY21DL

Tgt Ion: 43 Resp: 7393

Ion Ratio Lower Upper

43 100

58 0.0 0.0 72.6



#15

Methyl Acetate

Concen: 0.166 ug/L

RT: 2.970 min Scan# 507

Delta R.T. 0.007 min

Lab File: VU047460.D

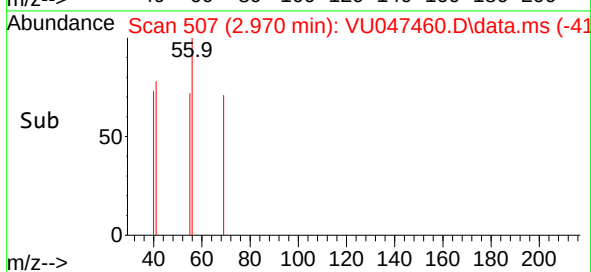
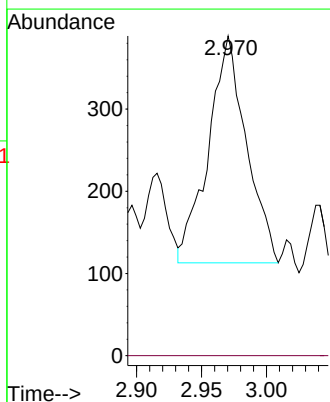
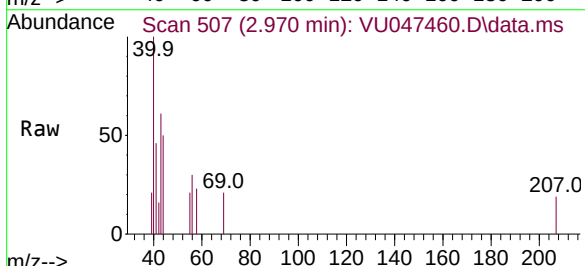
Acq: 10 Mar 2022 16:04

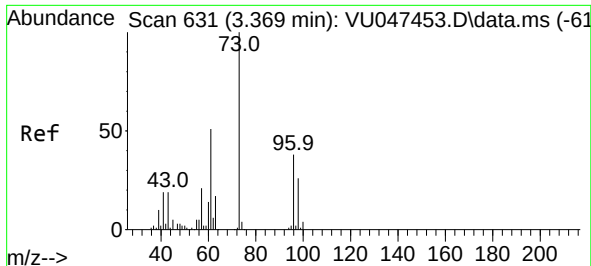
Tgt Ion: 43 Resp: 561

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#





#17

Methyl tert-butyl Ether

Concen: 3.753 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047460.D

Acq: 10 Mar 2022 16:04

Instrument :

MSVOA_U

ClientSampleId :

BFY21DL

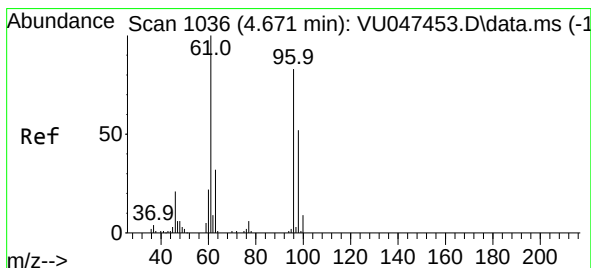
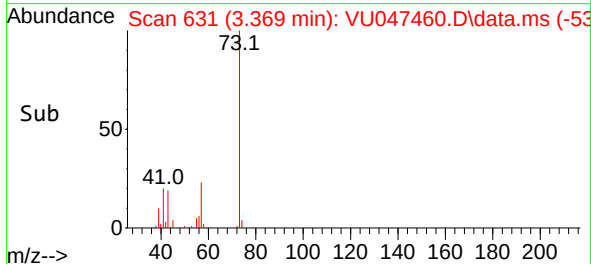
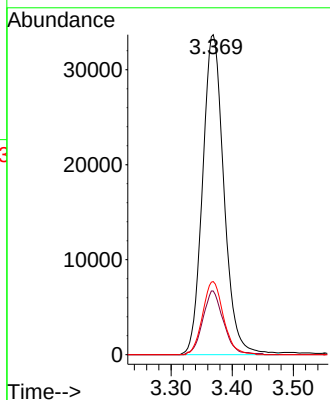
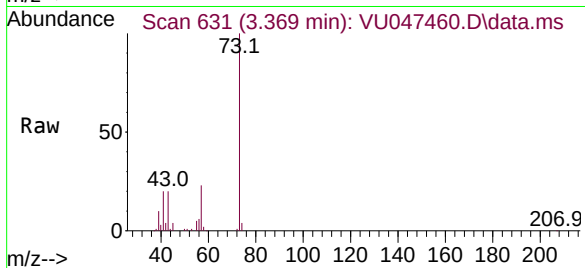
Tgt Ion: 73 Resp: 81773

Ion Ratio Lower Upper

73 100

43 19.3 14.6 22.0

57 22.3 16.5 24.7



#22

cis-1,2-Dichloroethene

Concen: 5.007 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047460.D

Acq: 10 Mar 2022 16:04

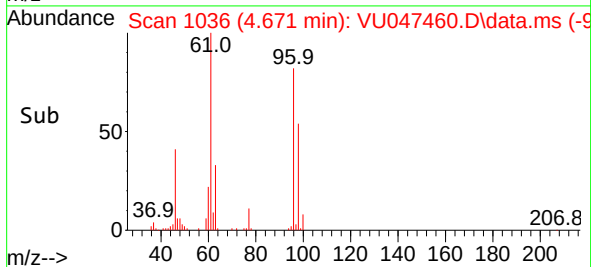
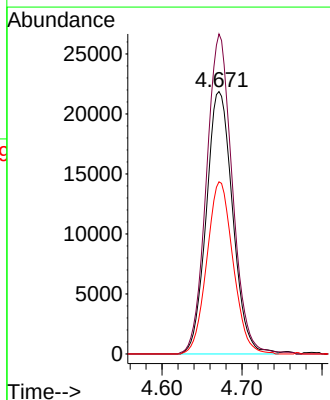
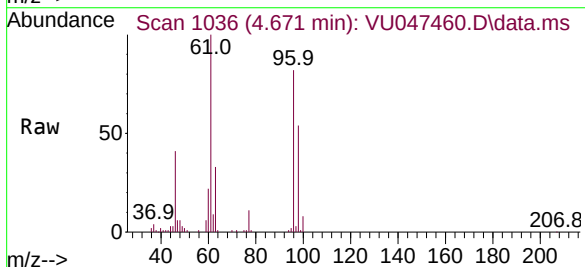
Tgt Ion: 96 Resp: 50186

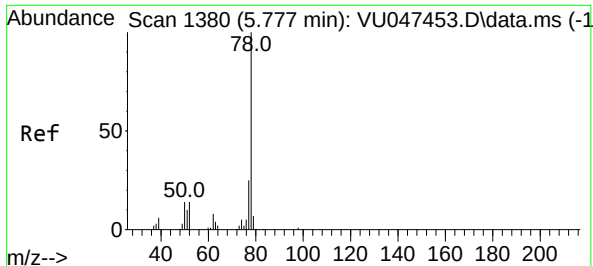
Ion Ratio Lower Upper

96 100

61 122.0 80.8 150.0

98 65.6 44.7 83.1

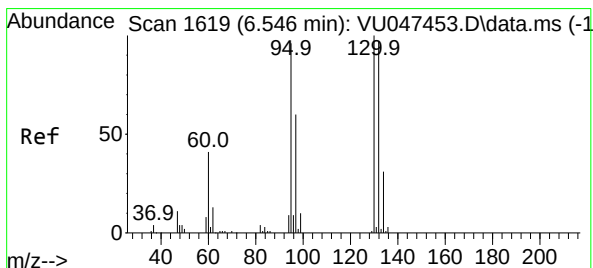
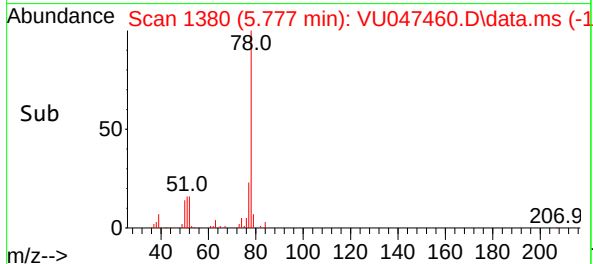
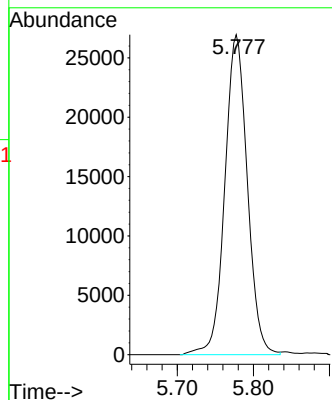
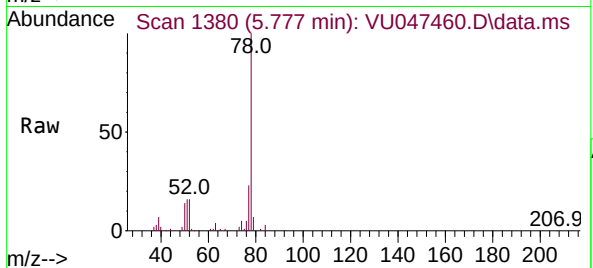




#33
Benzene
Concen: 1.445 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047460.D
Acq: 10 Mar 2022 16:04

Instrument :
MSVOA_U
ClientSampleId :
BFY21DL

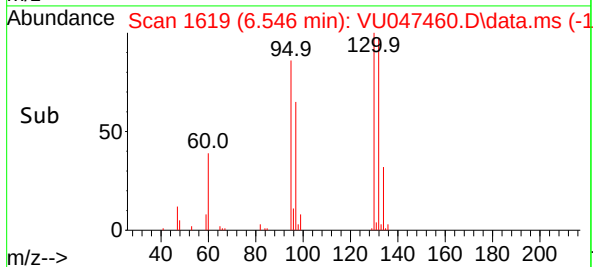
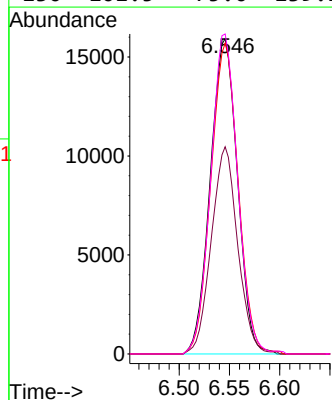
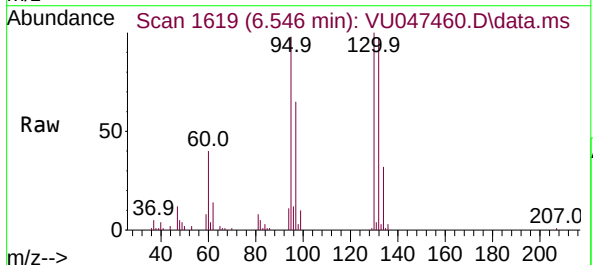
Tgt Ion: 78 Resp: 55395

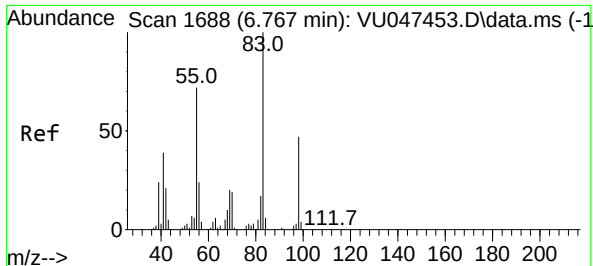


#34
Trichloroethene
Concen: 2.922 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047460.D
Acq: 10 Mar 2022 16:04

Tgt Ion: 95 Resp: 29945

Ion	Ratio	Lower	Upper
95	100		
97	65.7	46.3	85.9
132	98.6	71.7	133.1
130	101.5	75.0	139.2





#35

Methylcyclohexane

Concen: 0.558 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047460.D

Acq: 10 Mar 2022 16:04

Instrument :

MSVOA_U

ClientSampleId :

BFY21DL

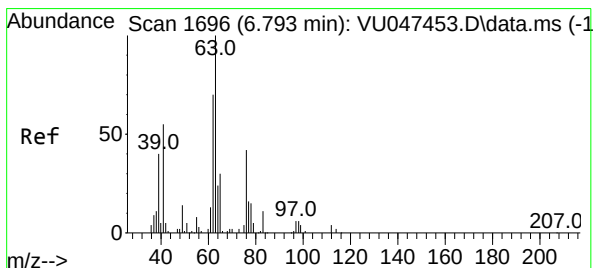
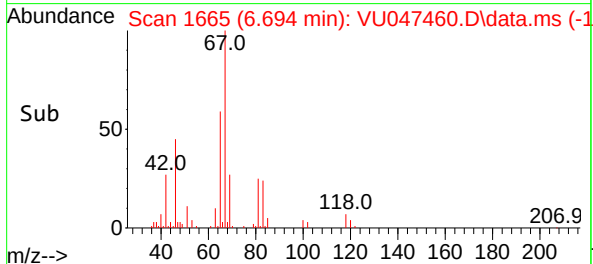
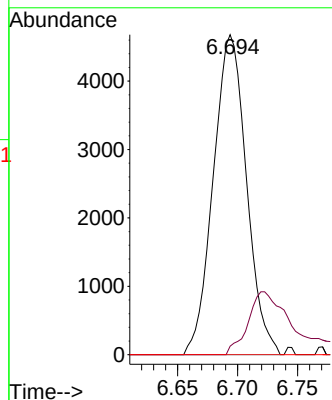
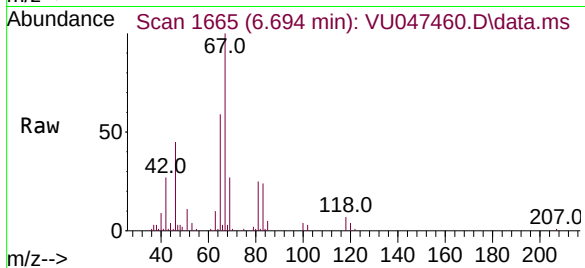
Tgt Ion: 83 Resp: 9014

Ion Ratio Lower Upper

83 100

55 29.3 57.8 86.8#

98 0.7 38.0 57.0#



#37

1,2-Dichloropropane

Concen: 0.432 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.099 min

Lab File: VU047460.D

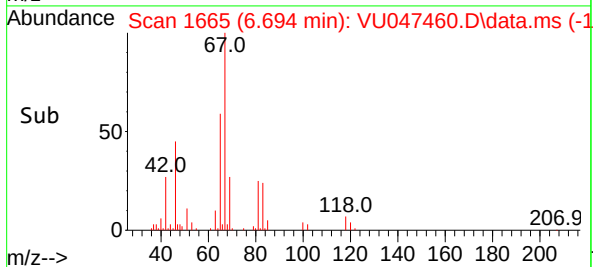
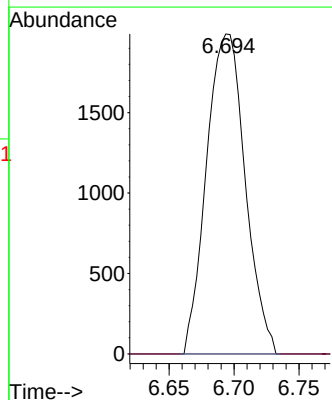
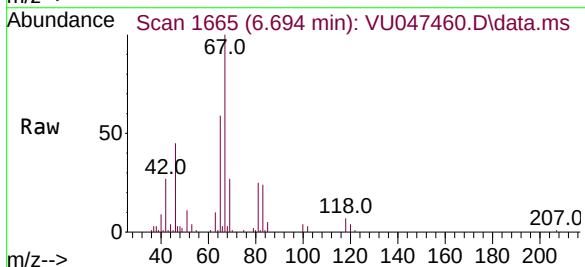
Acq: 10 Mar 2022 16:04

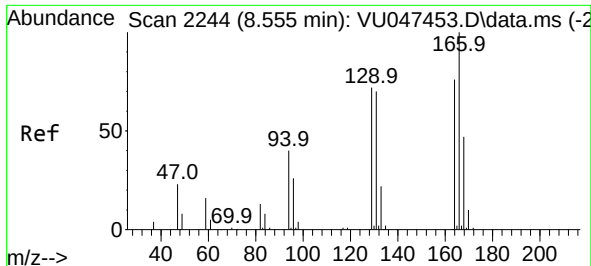
Tgt Ion: 63 Resp: 4128

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 4.303 ug/L

RT: 8.555 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047460.D

Acq: 10 Mar 2022 16:04

Instrument :

MSVOA_U

ClientSampleId :

BFY21DL

Tgt Ion:164 Resp: 37403

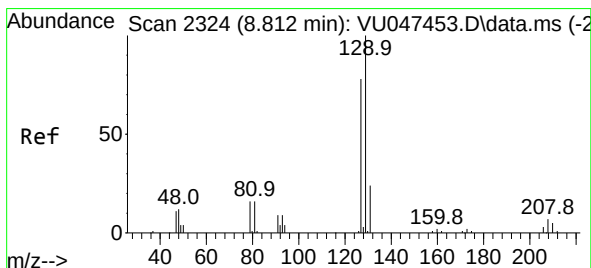
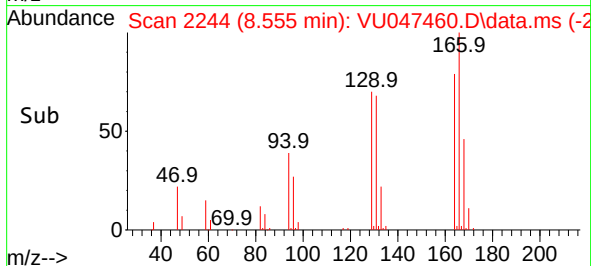
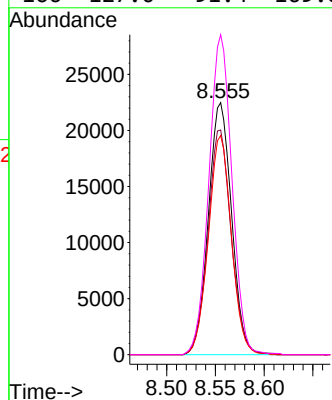
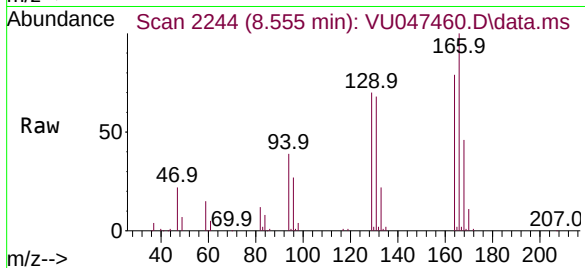
Ion Ratio Lower Upper

164 100

129 89.2 64.9 120.5

131 87.0 63.6 118.2

166 127.0 91.4 169.8



#49

Dibromochloromethane

Concen: 3.488 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU047460.D

Acq: 10 Mar 2022 16:04

Tgt Ion:129 Resp: 33153

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.8#

