

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051528.D
 Acq On : 27 Oct 2022 02:32
 Operator : JC/MD
 Sample : N5300-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAE8

Quant Time: Oct 27 08:26:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 08:11:03 2022
 Response via : Initial Calibration

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

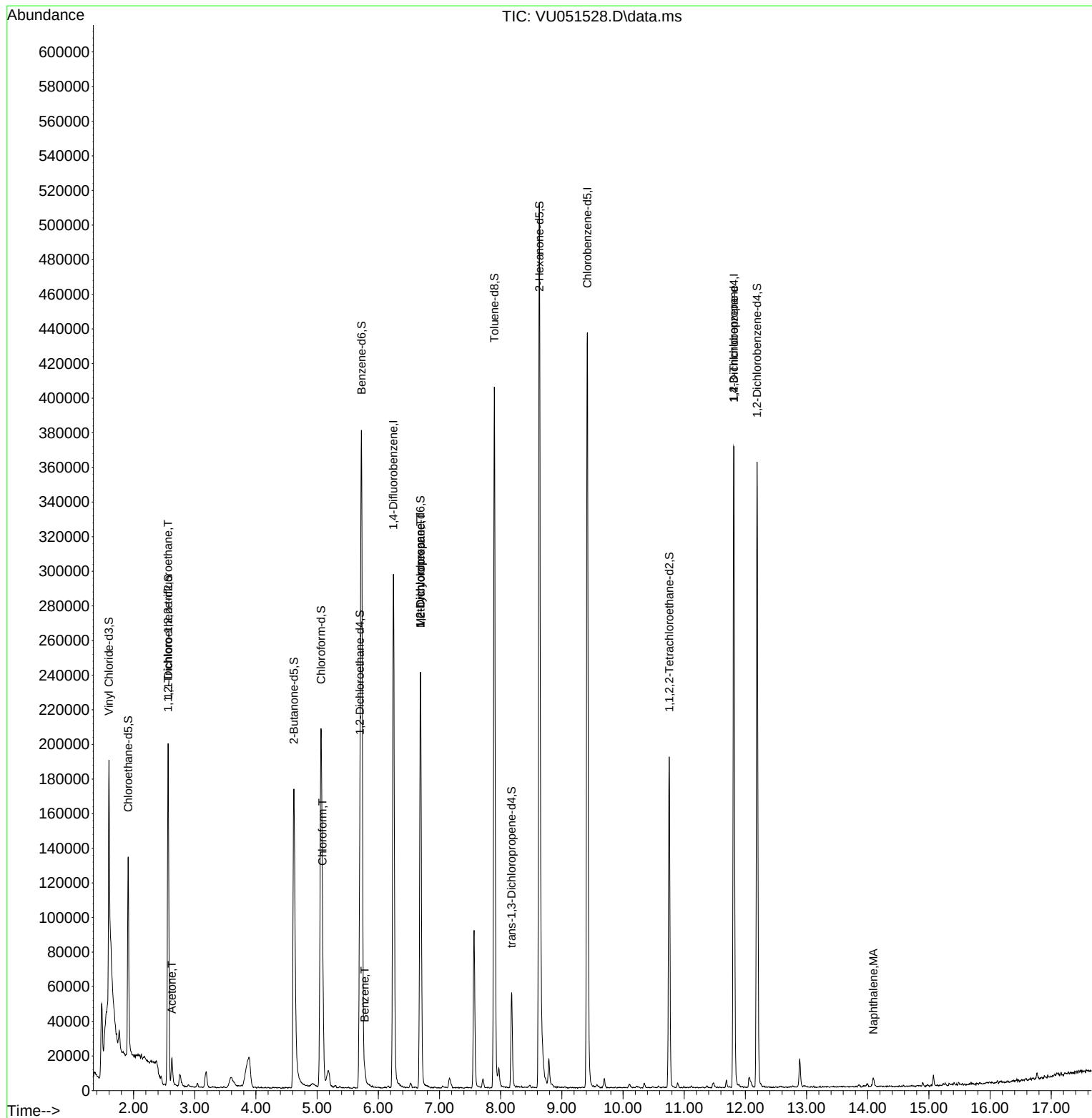
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	248272	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	256220	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	104796	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	94936	4.741	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.912	69	91021	5.290	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.565	65	36795	4.648	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.620	46	242458	54.989	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.980%
24) Chloroform-d	5.063	84	185583	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.700	65	96368	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.726	84	369507	5.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
36) 1,2-Dichloropropane-d6	6.690	67	122001	5.096	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.896	98	286826	4.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.179	79	32348	4.113	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.632	63	173077	65.297	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.600%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	99830	5.221	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	99713	5.474	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1160	0.060	ug/L #	21
13) Acetone	2.626	43	16771	5.071	ug/L	99
25) Chloroform	5.089	83	62043	1.511	ug/L	98
33) Benzene	5.777	78	5978	0.070	ug/L	100
35) Methylcyclohexane	6.690	83	27900	1.036	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	12107	0.516	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	12208	0.923	ug/L #	71
71) Naphthalene	14.092	128	5009	0.168	ug/L #	93

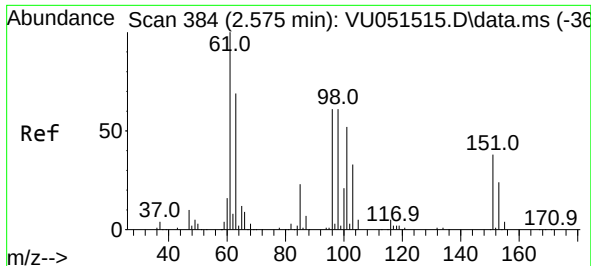
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.060 ug/L

RT: 2.562 min Scan# 3

Delta R.T. -0.013 min

Lab File: VU051528.D

Acq: 27 Oct 2022 02:32

Instrument :

MSVOA_U

ClientSampleId :

BHAE8

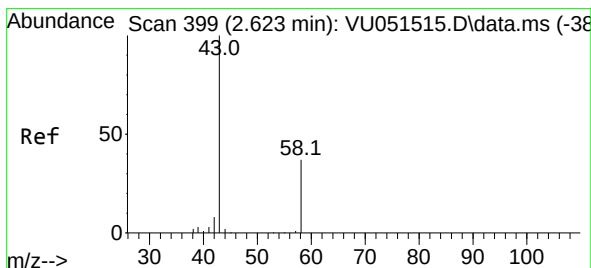
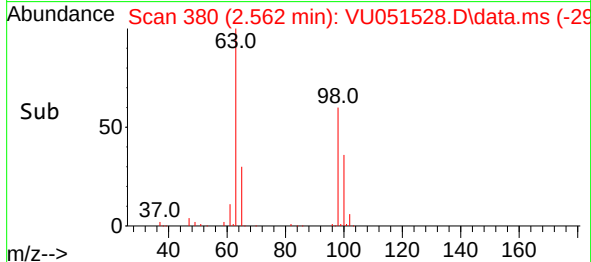
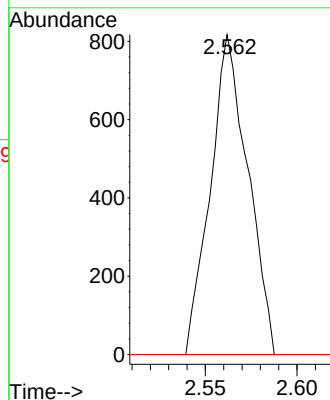
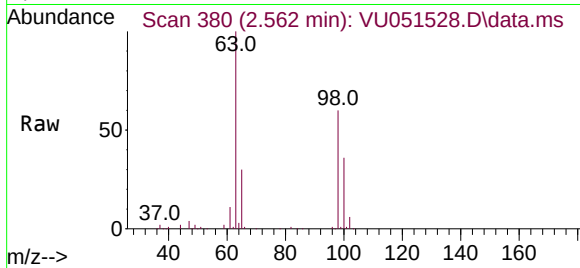
Tgt Ion:101 Resp: 1160

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.5 84.7#



#13

Acetone

Concen: 5.071 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU051528.D

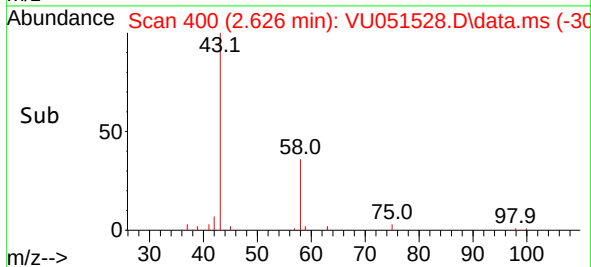
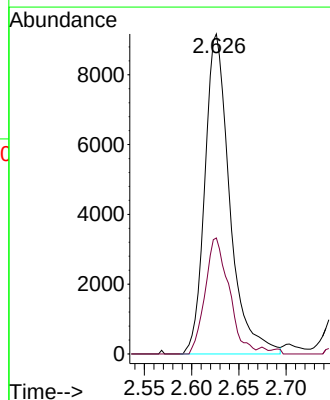
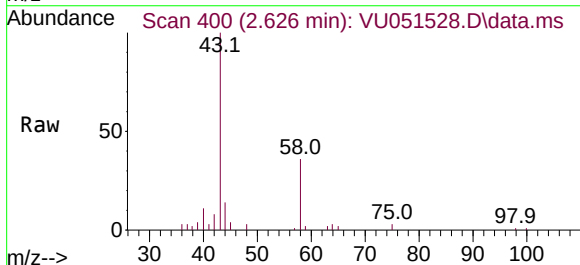
Acq: 27 Oct 2022 02:32

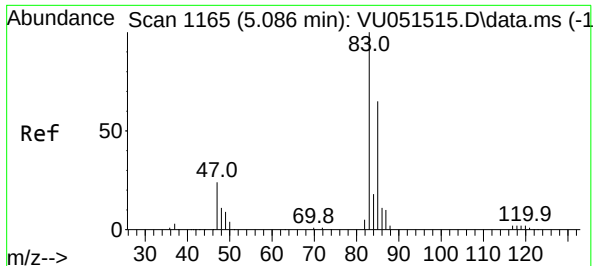
Tgt Ion: 43 Resp: 16771

Ion Ratio Lower Upper

43 100

58 34.9 0.0 68.8





#25

Chloroform

Concen: 1.511 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU051528.D

Acq: 27 Oct 2022 02:32

Instrument :

MSVOA_U

ClientSampleId :

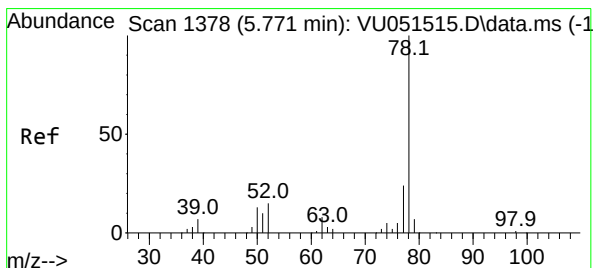
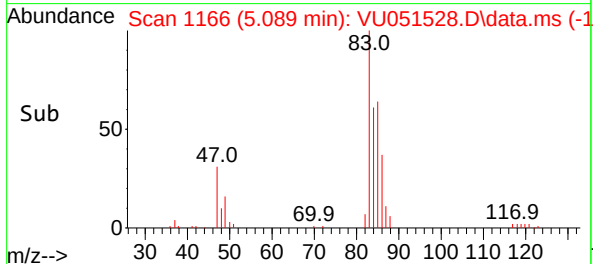
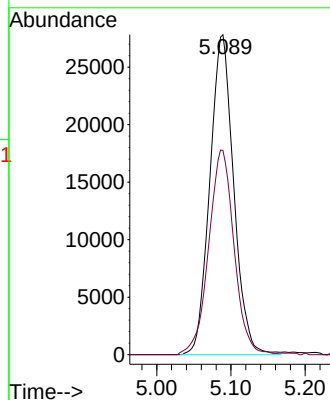
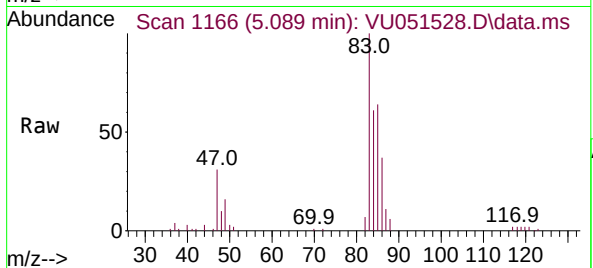
BHAE8

Tgt Ion: 83 Resp: 62043

Ion Ratio Lower Upper

83 100

85 63.8 45.6 84.6



#33

Benzene

Concen: 0.070 ug/L

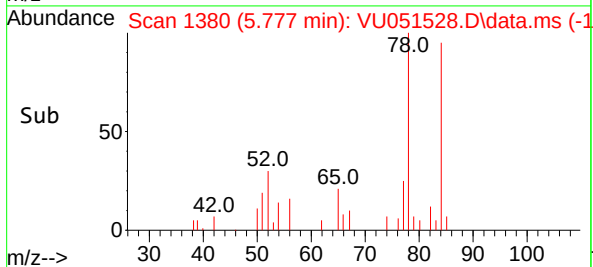
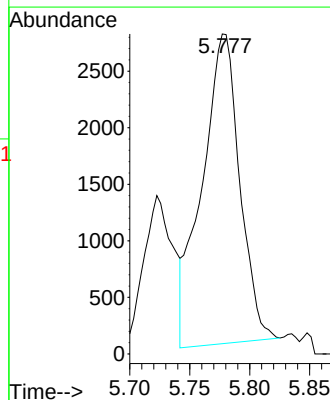
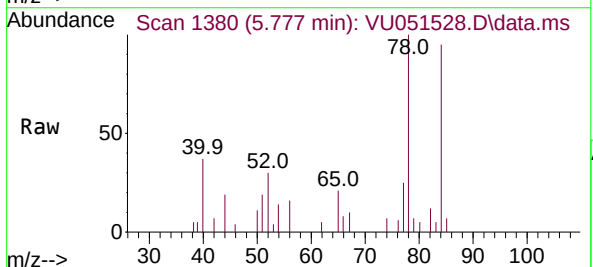
RT: 5.777 min Scan# 1380

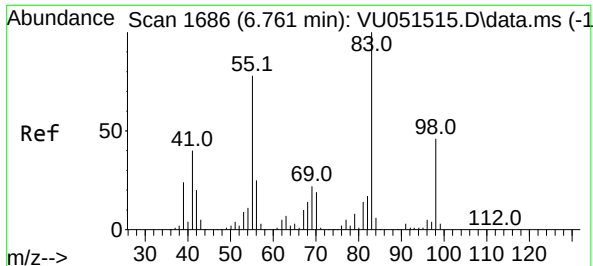
Delta R.T. 0.006 min

Lab File: VU051528.D

Acq: 27 Oct 2022 02:32

Tgt Ion: 78 Resp: 5978





#35

Methylcyclohexane

Concen: 1.036 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU051528.D

Acq: 27 Oct 2022 02:32

Instrument :

MSVOA_U

ClientSampleId :

BHAE8

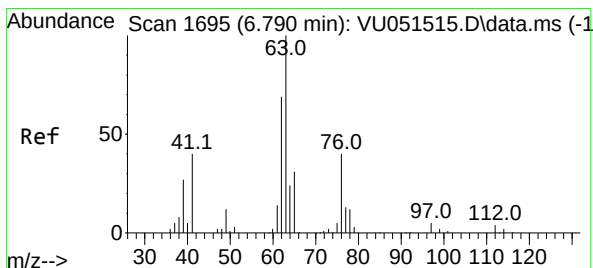
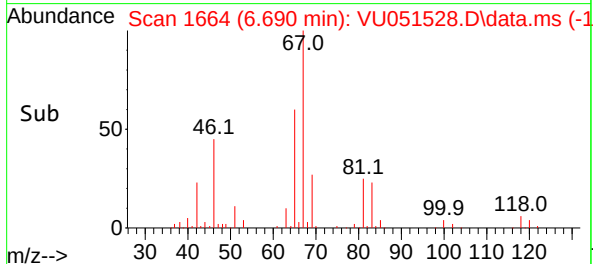
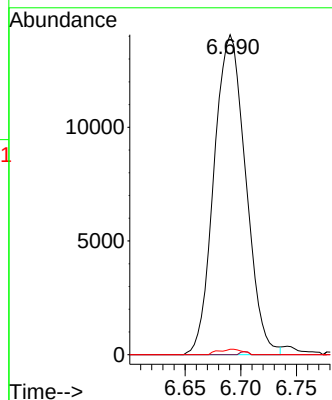
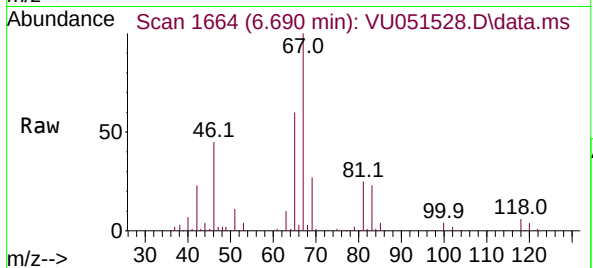
Tgt Ion: 83 Resp: 27900

Ion Ratio Lower Upper

83 100

55 0.2 65.8 98.6#

98 1.3 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.516 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU051528.D

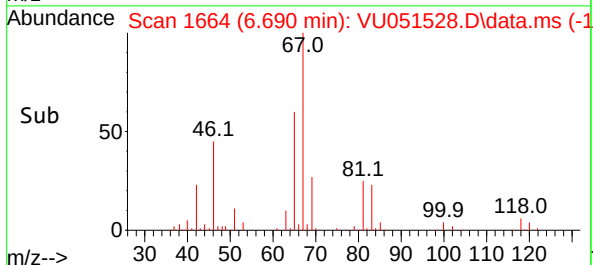
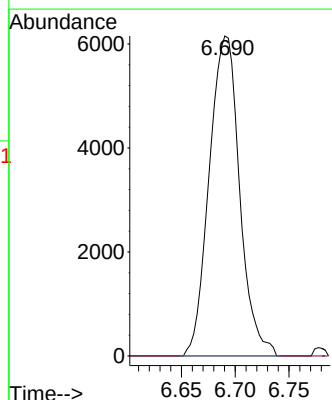
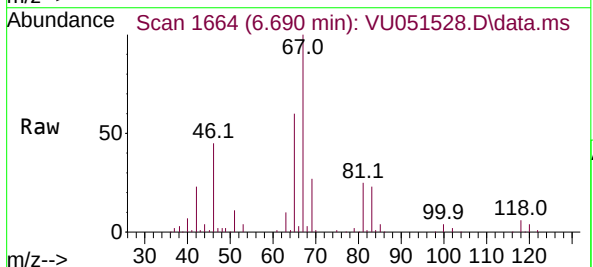
Acq: 27 Oct 2022 02:32

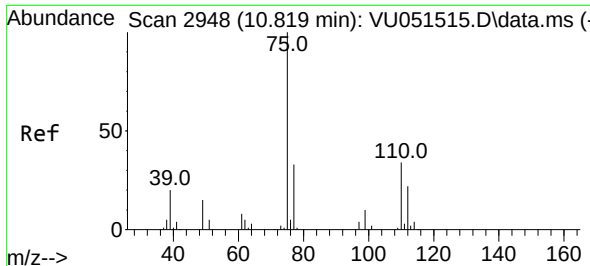
Tgt Ion: 63 Resp: 12107

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

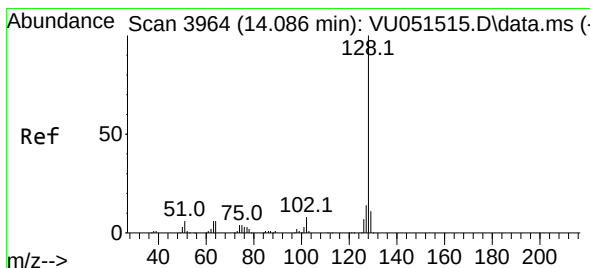
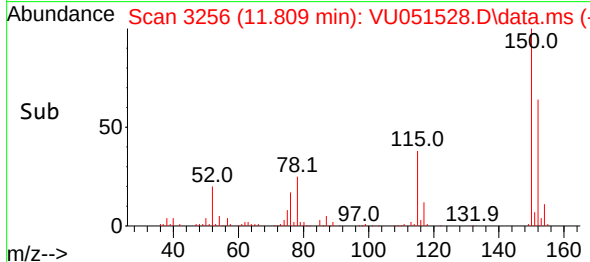
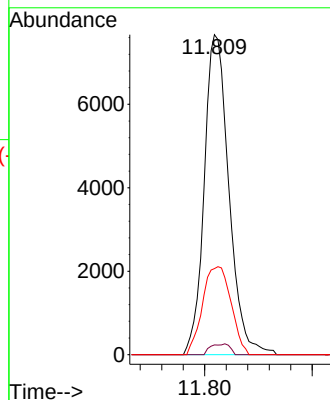
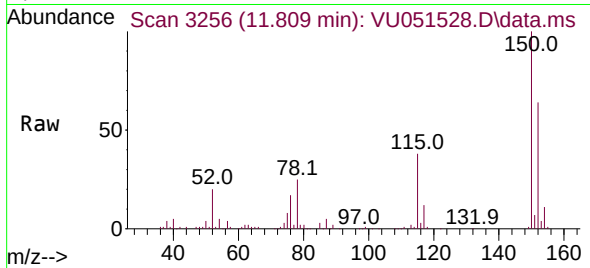




#61
1,2,3-Trichloropropane
Concen: 0.923 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU051528.D
Acq: 27 Oct 2022 02:32

Instrument :
MSVOA_U
ClientSampleId :
BHA8

Tgt Ion: 75 Resp: 12208
Ion Ratio Lower Upper
75 100
110 2.6 27.0 40.6#
77 31.6 26.4 39.6



#71
Naphthalene
Concen: 0.168 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU051528.D
Acq: 27 Oct 2022 02:32

Tgt Ion: 128 Resp: 5009
Ion Ratio Lower Upper
128 100
129 8.7 8.5 12.7
127 10.4 11.1 16.7#

