

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056289.D
 Acq On : 14 Nov 2023 07:23
 Operator : MD/SY
 Sample : 05372-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

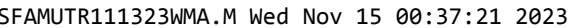
Quant Time: Nov 15 00:37:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 00:09:07 2023
 Response via : Initial Calibration

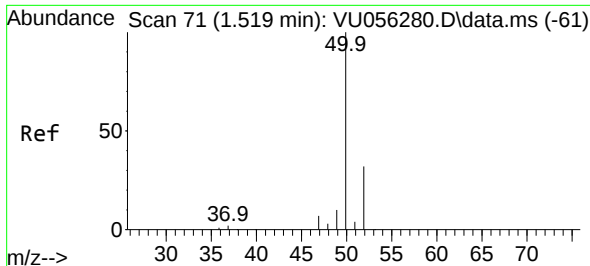
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	291136	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	296957	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	125376	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	64444	2.959	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.200%
7) Chloroethane-d5	1.907	69	56983	3.413	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.200%
11) 1,1-Dichloroethene-d2	2.566	65	32159	3.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	4.621	46	172084	39.631	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.260%
24) Chloroform-d	5.058	84	152795	3.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
26) 1,2-Dichloroethane-d4	5.695	65	74759	3.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
32) Benzene-d6	5.724	84	293071	3.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.200%#
36) 1,2-Dichloropropane-d6	6.685	67	93445	3.504	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.000%
41) Toluene-d8	7.894	98	250477	3.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.200%#
43) trans-1,3-Dichloroprop...	8.174	79	31896	3.119	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.400%
46) 2-Hexanone-d5	8.631	63	136104	33.866	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.740%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	69341	3.639	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	88913	3.839	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.800%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.522	50	9910	0.420	ug/L #	56
8) Chloroethane	1.917	64	13864	0.999	ug/L #	49
13) Acetone	2.628	43	50807	13.738	ug/L	99
14) Carbon disulfide	2.792	76	11982	0.207	ug/L #	87
21) 2-Butanone	4.724	43	7888	1.644	ug/L	75
22) cis-1,2-Dichloroethene	4.669	96	3388	0.163	ug/L	82
34) Trichloroethene	6.541	95	13017	0.564	ug/L	94
35) Methylcyclohexane	6.685	83	22197	0.666	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	10239	0.463	ug/L #	88
48) 2-Hexanone	8.698	43	7319	0.858	ug/L #	94
61) 1,2,3-Trichloropropane	11.807	75	16116	1.498	ug/L #	69

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

Quant Time: Nov 15 00:37:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 15 00:09:07 2023
Response via : Initial Calibration

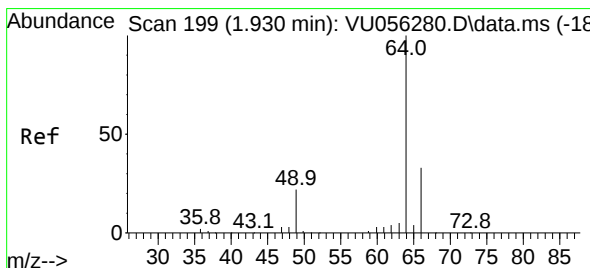
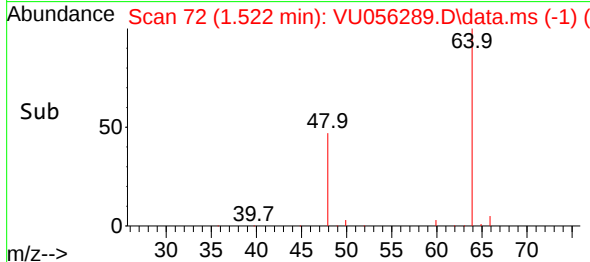
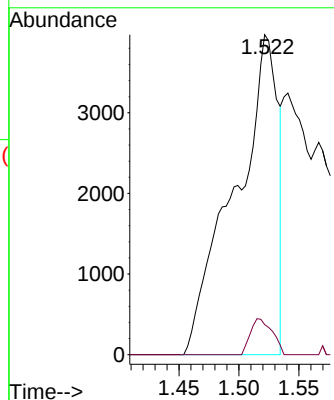
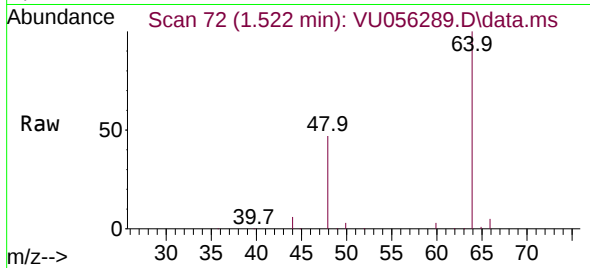




#3
Chloromethane
Concen: 0.420 ug/L
RT: 1.522 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU056289.D
Acq: 14 Nov 2023 07:23

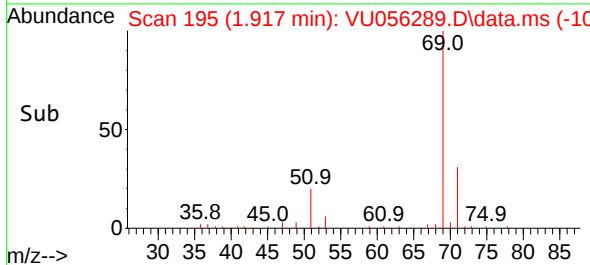
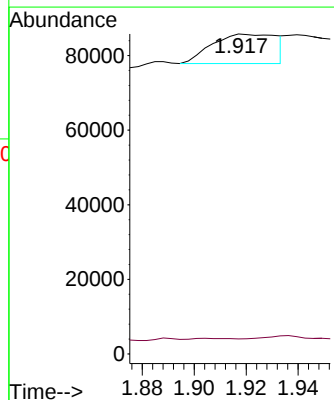
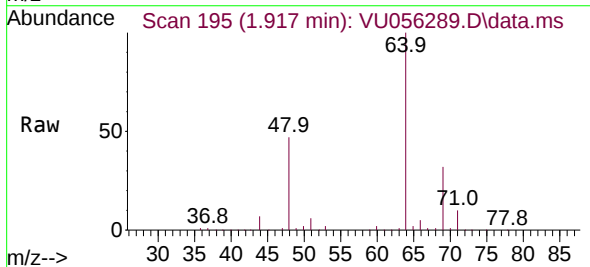
Instrument :
MSVOA_U
ClientSampleId :

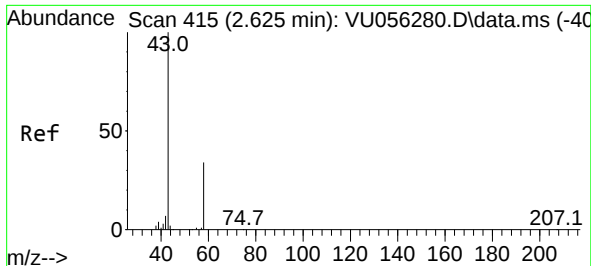
Tgt Ion: 50 Resp: 9910
Ion Ratio Lower Upper
50 100
52 9.4 24.3 45.1#



#8
Chloroethane
Concen: 0.999 ug/L
RT: 1.917 min Scan# 195
Delta R.T. -0.013 min
Lab File: VU056289.D
Acq: 14 Nov 2023 07:23

Tgt Ion: 64 Resp: 13864
Ion Ratio Lower Upper
64 100
66 4.7 23.9 44.5#





#13

Acetone

Concen: 13.738 ug/L

RT: 2.628 min Scan# 415

Delta R.T. 0.003 min

Lab File: VU056289.D

Acq: 14 Nov 2023 07:23

Instrument :

MSVOA_U

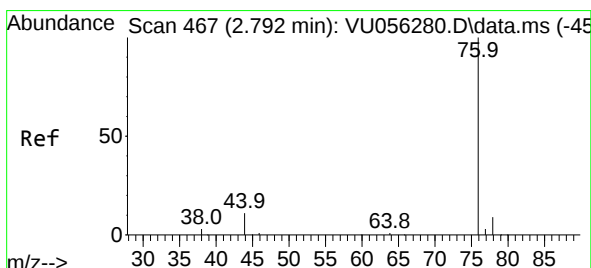
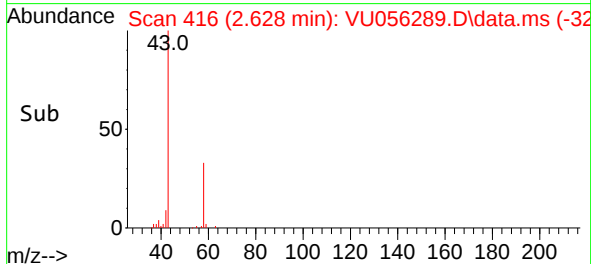
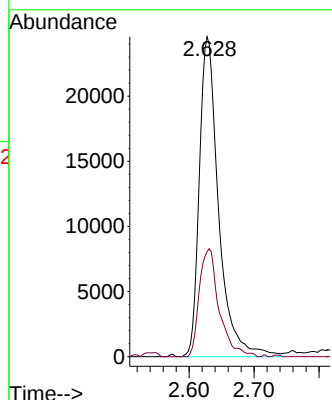
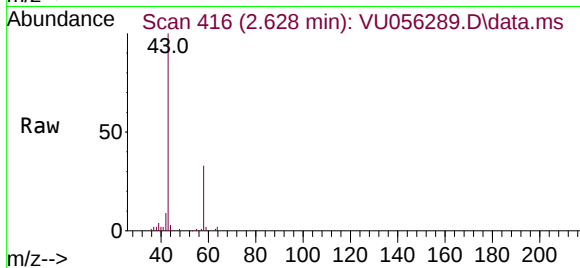
ClientSampleId :

Tgt Ion: 43 Resp: 50807

Ion Ratio Lower Upper

43 100

58 34.6 0.0 70.0



#14

Carbon disulfide

Concen: 0.207 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU056289.D

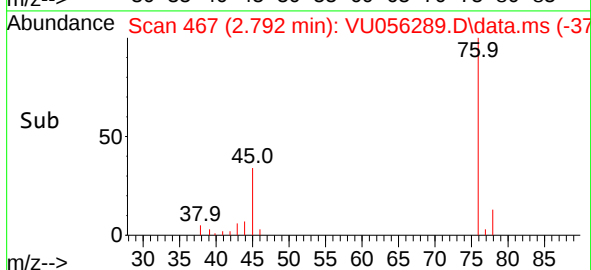
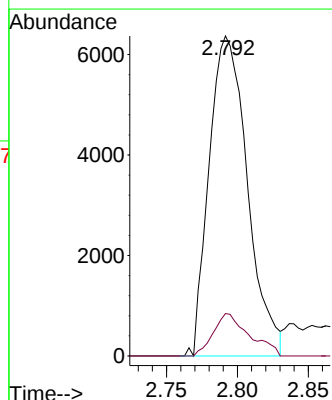
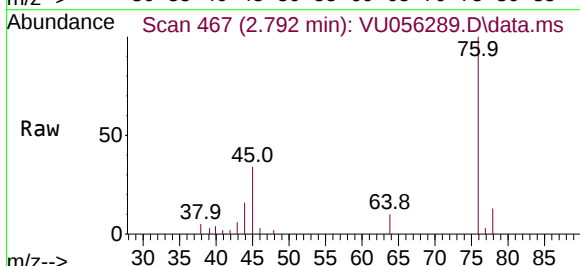
Acq: 14 Nov 2023 07:23

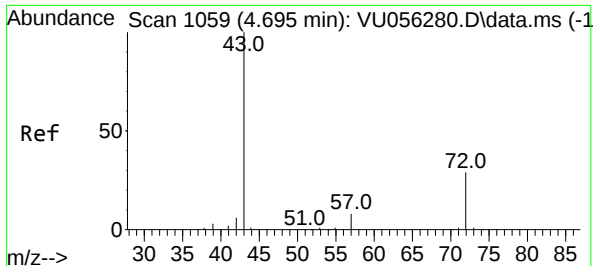
Tgt Ion: 76 Resp: 11982

Ion Ratio Lower Upper

76 100

78 13.2 6.8 10.2#





#21

2-Butanone

Concen: 1.644 ug/L

RT: 4.724 min Scan# 1068

Delta R.T. 0.029 min

Lab File: VU056289.D

Acq: 14 Nov 2023 07:23

Instrument :

MSVOA_U

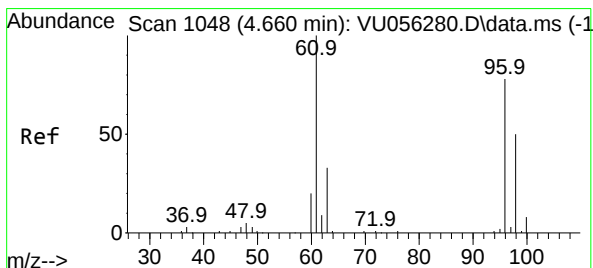
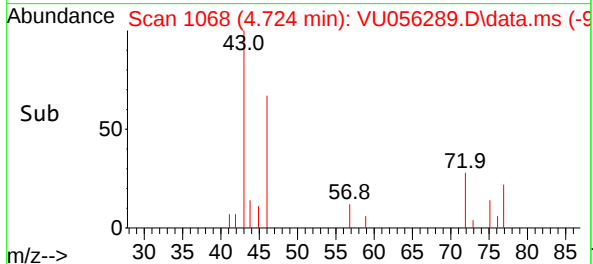
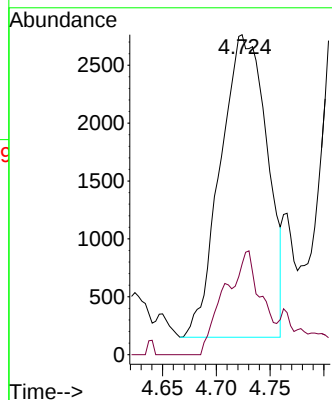
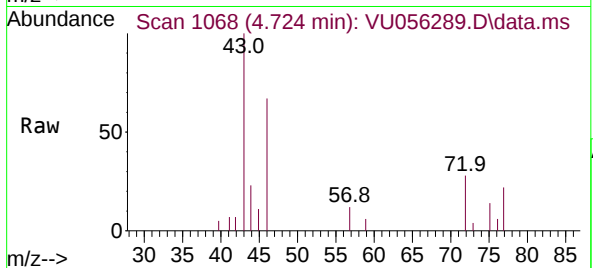
ClientSampleId :

Tgt Ion: 43 Resp: 7888

Ion Ratio Lower Upper

43 100

72 15.2 14.2 42.6



#22

cis-1,2-Dichloroethene

Concen: 0.163 ug/L

RT: 4.669 min Scan# 1051

Delta R.T. 0.009 min

Lab File: VU056289.D

Acq: 14 Nov 2023 07:23

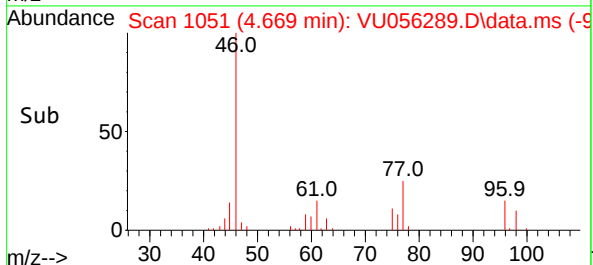
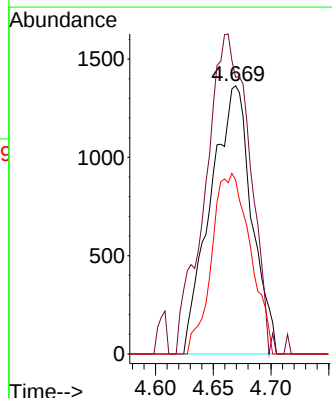
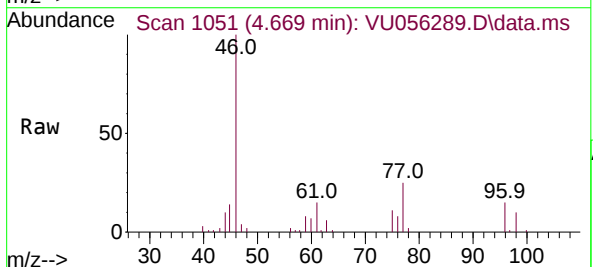
Tgt Ion: 96 Resp: 3388

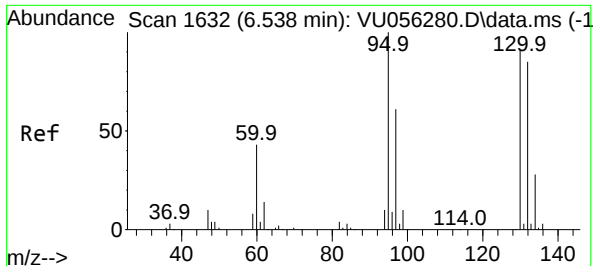
Ion Ratio Lower Upper

96 100

61 103.2 93.2 173.2

98 65.0 44.8 83.2





#34

Trichloroethene

Concen: 0.564 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU056289.D

Acq: 14 Nov 2023 07:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 13017

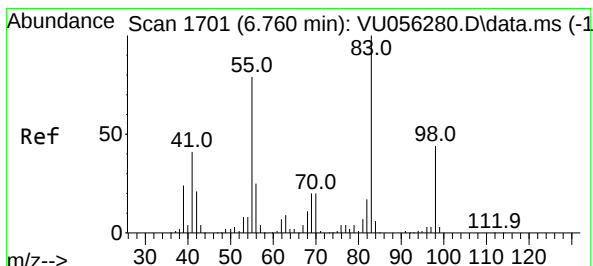
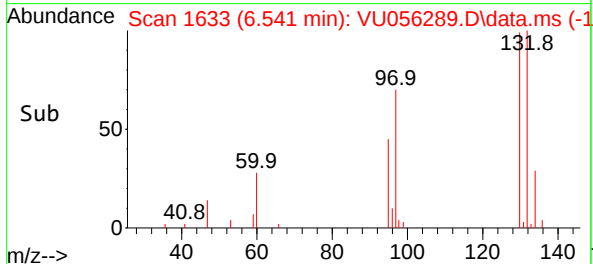
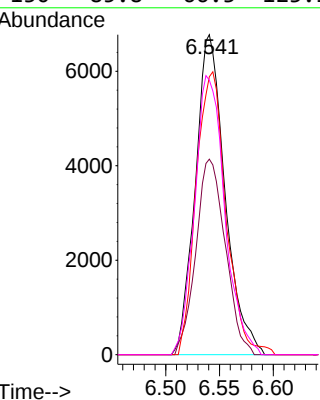
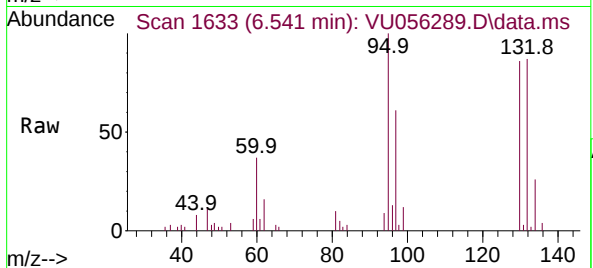
Ion Ratio Lower Upper

95 100

97 61.1 46.5 86.3

132 86.8 62.0 115.2

130 85.8 66.3 123.1



#35

Methylcyclohexane

Concen: 0.666 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056289.D

Acq: 14 Nov 2023 07:23

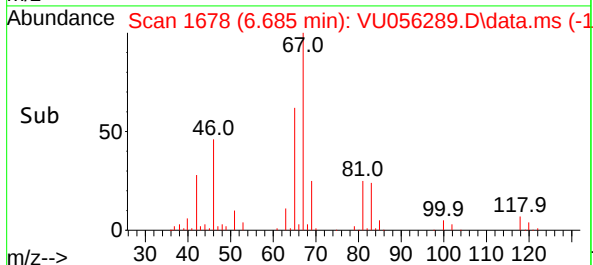
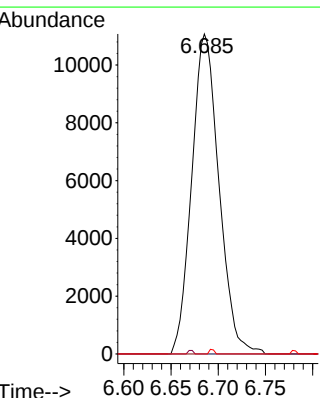
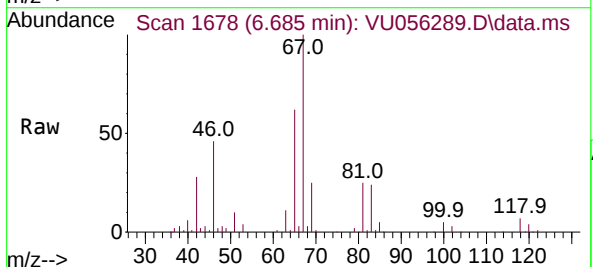
Tgt Ion: 83 Resp: 22197

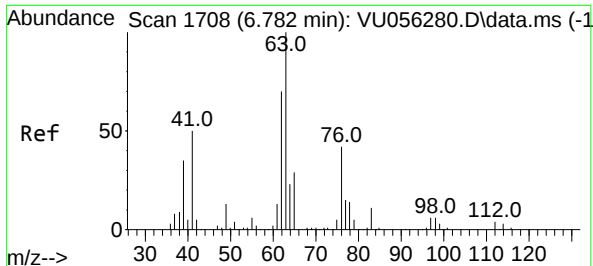
Ion Ratio Lower Upper

83 100

55 0.2 62.9 94.3#

98 0.3 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.463 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056289.D

Acq: 14 Nov 2023 07:23

Instrument :

MSVOA_U

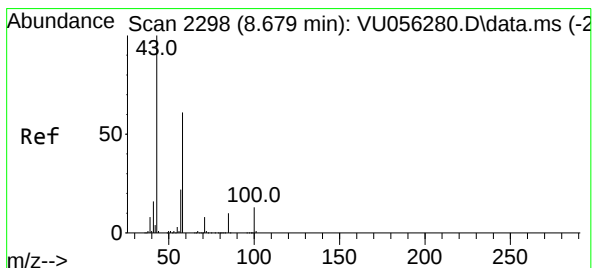
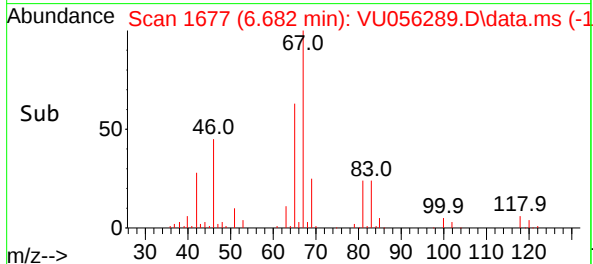
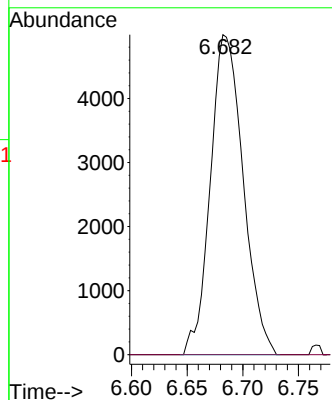
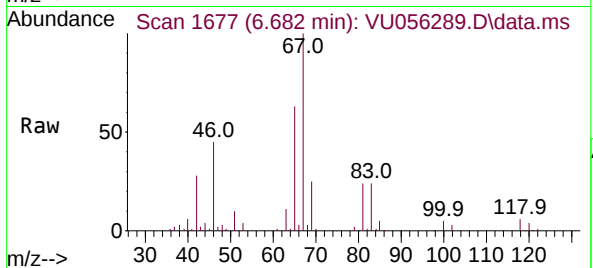
ClientSampleId :

Tgt Ion: 63 Resp: 10239

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#48

2-Hexanone

Concen: 0.858 ug/L

RT: 8.698 min Scan# 2304

Delta R.T. 0.019 min

Lab File: VU056289.D

Acq: 14 Nov 2023 07:23

Tgt Ion: 43 Resp: 7319

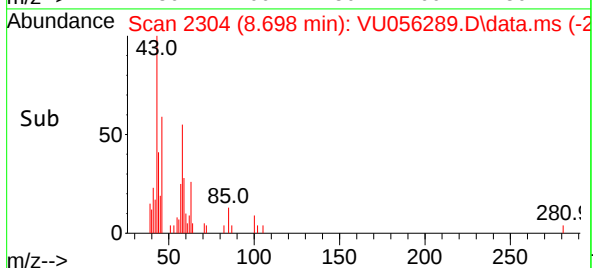
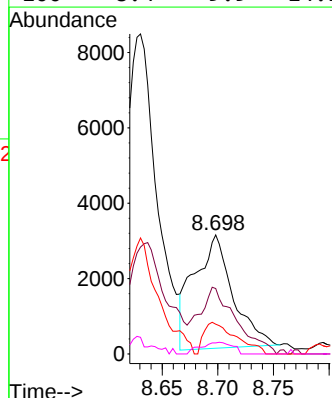
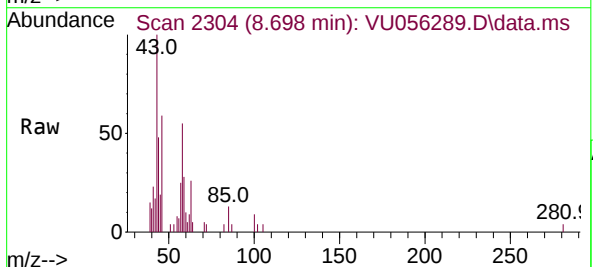
Ion Ratio Lower Upper

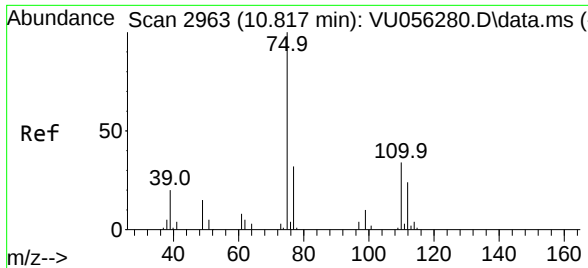
43 100

58 56.3 48.7 73.1

57 23.1 16.8 25.2

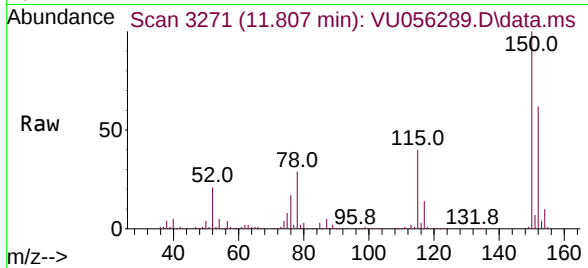
100 8.4 9.9 14.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.498 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056289.D
 Acq: 14 Nov 2023 07:23

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 16116
 Ion Ratio Lower Upper
 75 100
 110 3.3 30.4 45.6#
 77 32.8 27.0 40.6

