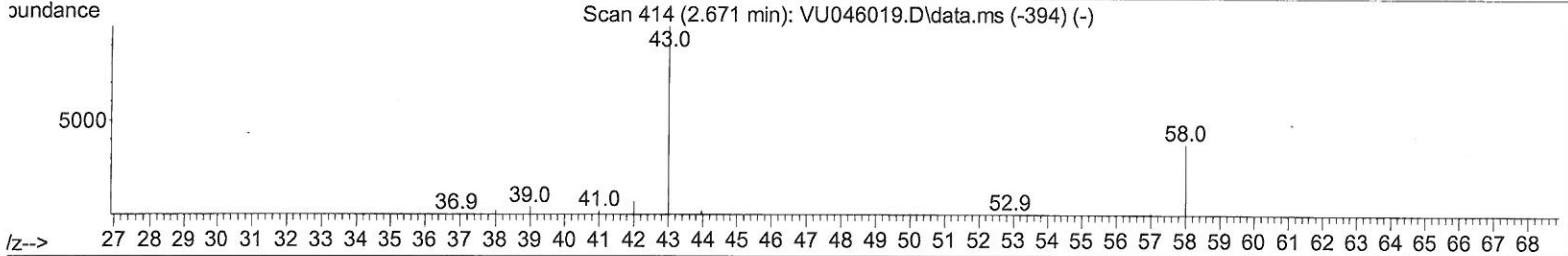Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112921\
Data File : VU046017.D
Acq On   : 29 Nov 2021 12:01
Operator : SY/MD
Sample   : VSTD00531
Misc   : 5.0mL/MSVOA_U/WATER
ALS Vial : 2   Sample Multiplier: 1

Quant Time: Nov 30 01:53:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 30 01:52:37 2021
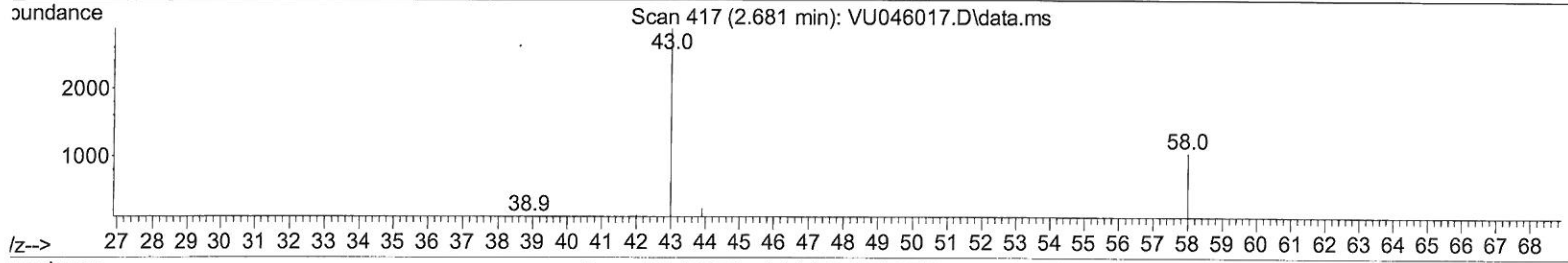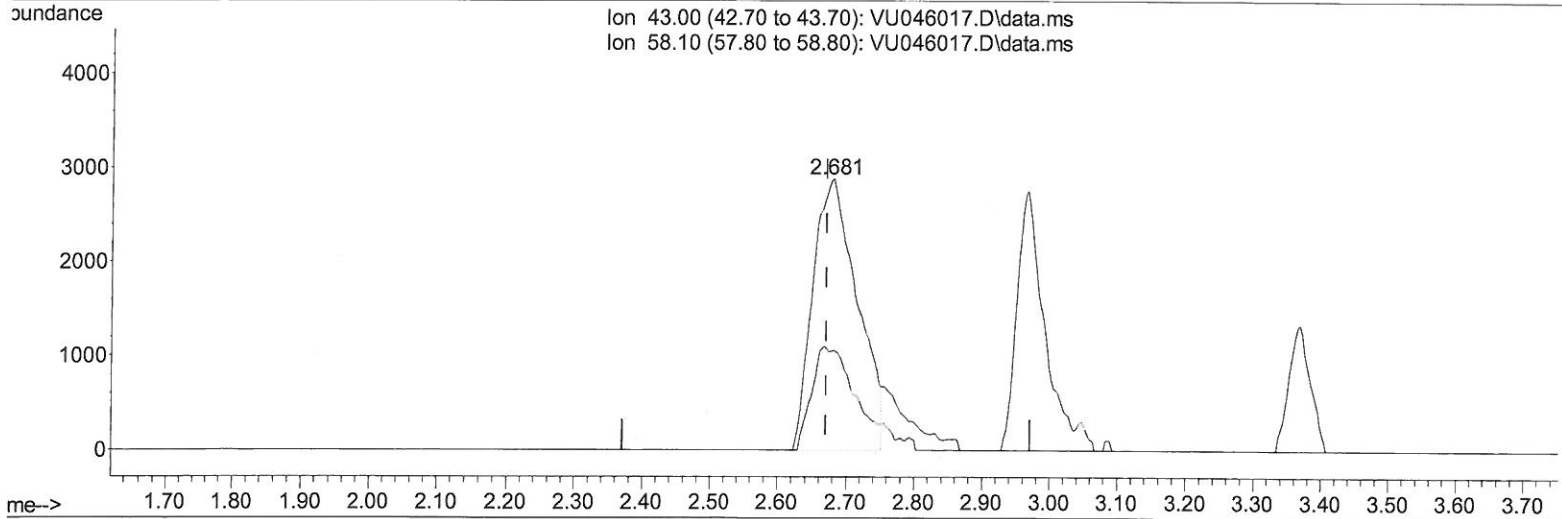Response via : Initial Calibration

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112921\
Data File : VU046017.D
Acq On   : 29 Nov 2021 12:01
Operator : SY/MD
Sample   : VSTD00531
Misc   : 5.0mL/MSVOA_U/WATER
ALS Vial : 2   Sample Multiplier: 1

Quant Time: Nov 30 01:53:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 30 01:52:37 2021
Response via : Initial Calibration

Ion 43.00 (42.70 to 43.70): VU046017.D\data.ms
Ion 58.10 (57.80 to 58.80): VU046017.D\data.ms

Scan 417 (2.681 min): VU046017.D\data.ms

Scan 414 (2.671 min): VU046019.D\data.ms (-394) (-)

TIC: VU046017.D\data.ms

(13) Acetone (T)

2.681min (+ 0.010) 13.34 ug/L

response   12983

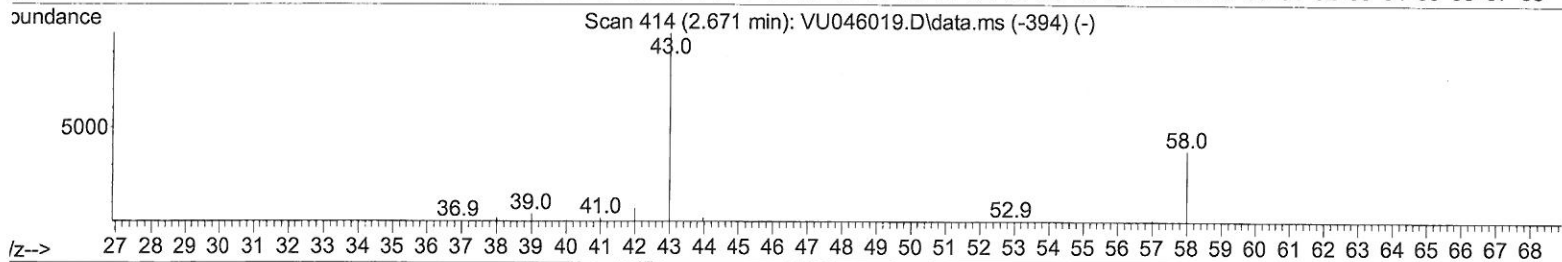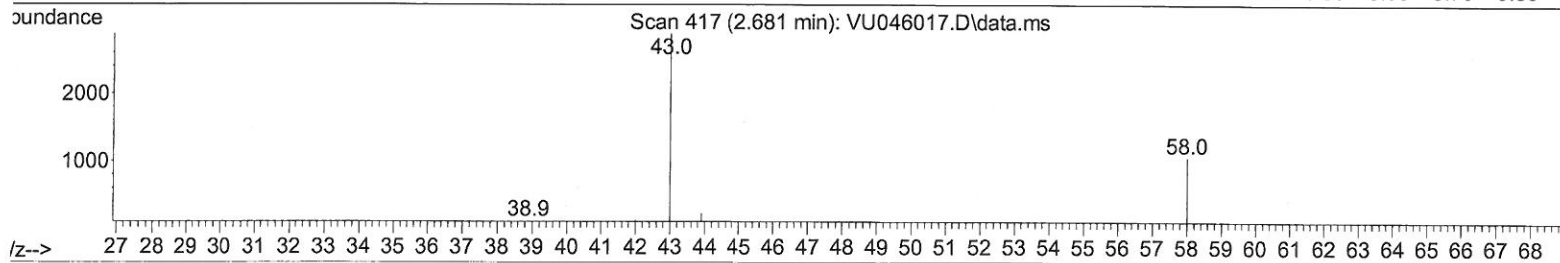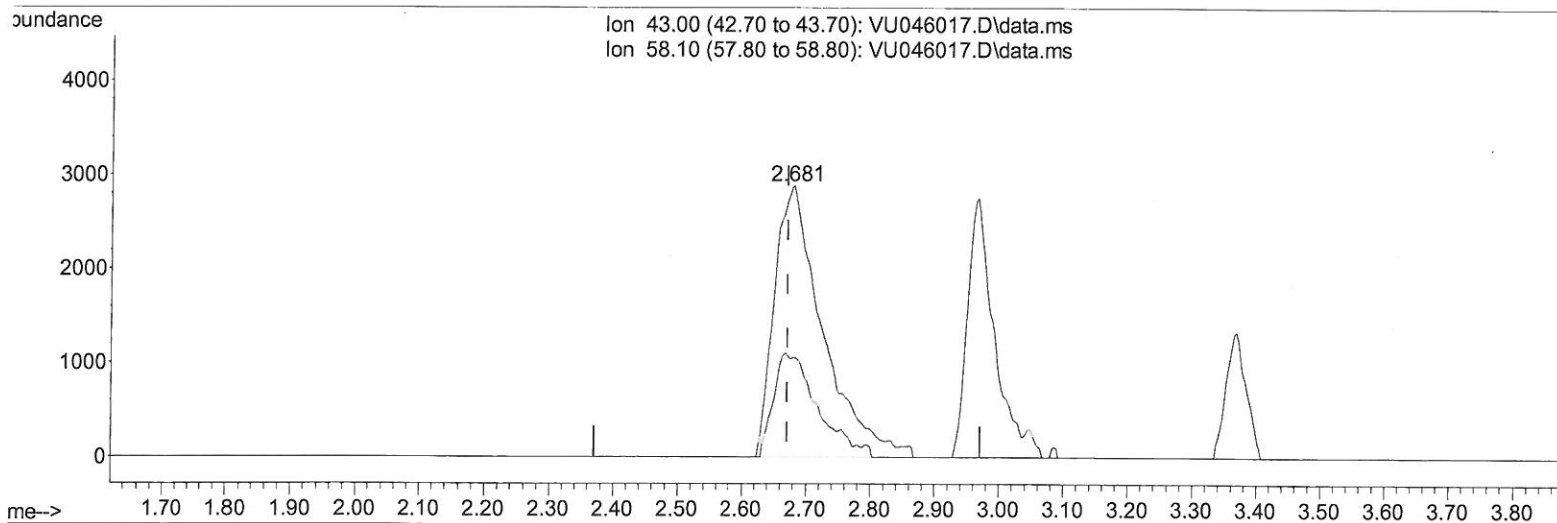| Ion	Exp%	Act%
43.00	100.00	100.00
58.10	33.40	14.77
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112921\
Data File : VU046017.D
Acq On   : 29 Nov 2021 12:01
Operator : SY/MD
Sample   : VSTD00531
Misc   : 5.0mL/MSVOA_U/WATER
ALS Vial : 2   Sample Multiplier: 1

Quant Time: Nov 30 01:53:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 30 01:52:37 2021
Response via : Initial Calibration

Ion 43.00 (42.70 to 43.70): VU046017.D\data.ms
Ion 58.10 (57.80 to 58.80): VU046017.D\data.ms

Scan 417 (2.681 min): VU046017.D\data.ms

Scan 414 (2.671 min): VU046019.D\data.ms (-394) (-)

TIC: VU046017.D\data.ms

(13) Acetone (T)

2.681min (+ 0.010)   15.33 ug/L m

response   14929

Ion	Exp%	Act%
43.00	100.00	100.00
58.10	33.40	12.84
0.00	0.00	0.00
0.00	0.00	0.00

FAMULM112921WMA.M Tue Nov 30 02:01:04 2021

Page: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005031

Manual IntegrationsAPPROVED

Reviewed By :John Carlone   11/30/2021
Supervised By :Mahesh Dadoda   11/30/2021

Ion 43.00 (42.70 to 43.70): VU046017.D\data.ms
Ion 72.10 (71.80 to 72.80): VU046017.D\data.ms

Scan 1103 (4.886 min): VU046017.D\data.ms

Scan 1053 (4.726 min): VU046019.D\data.ms (-1032) (-)

TIC: VU046017.D\data.ms

(22)   2-Butanone (T)

4.886min (+ 0.161)   0.07 ug/L

response   92

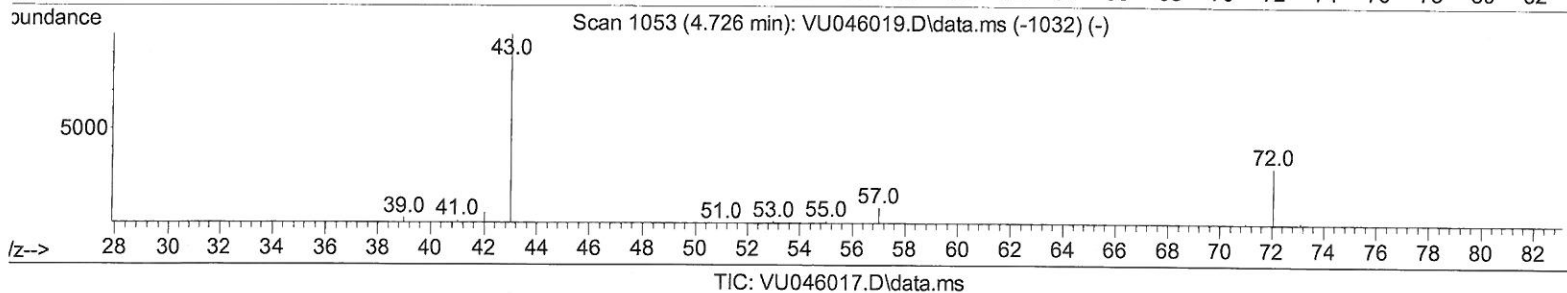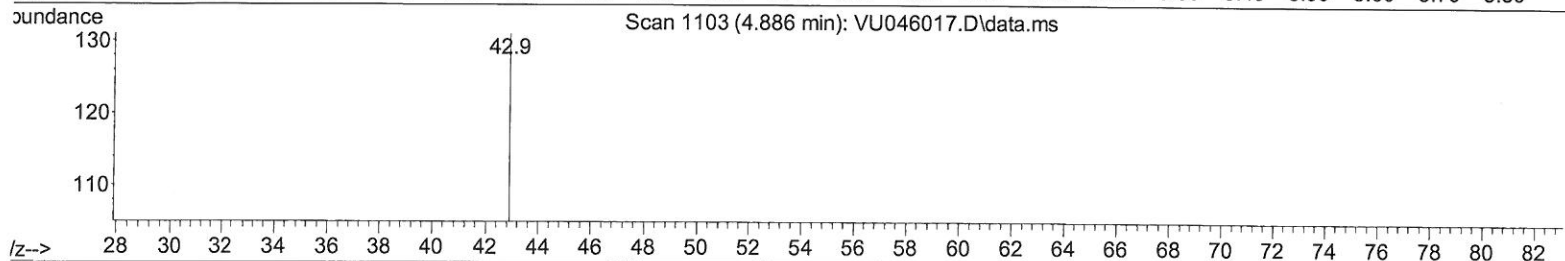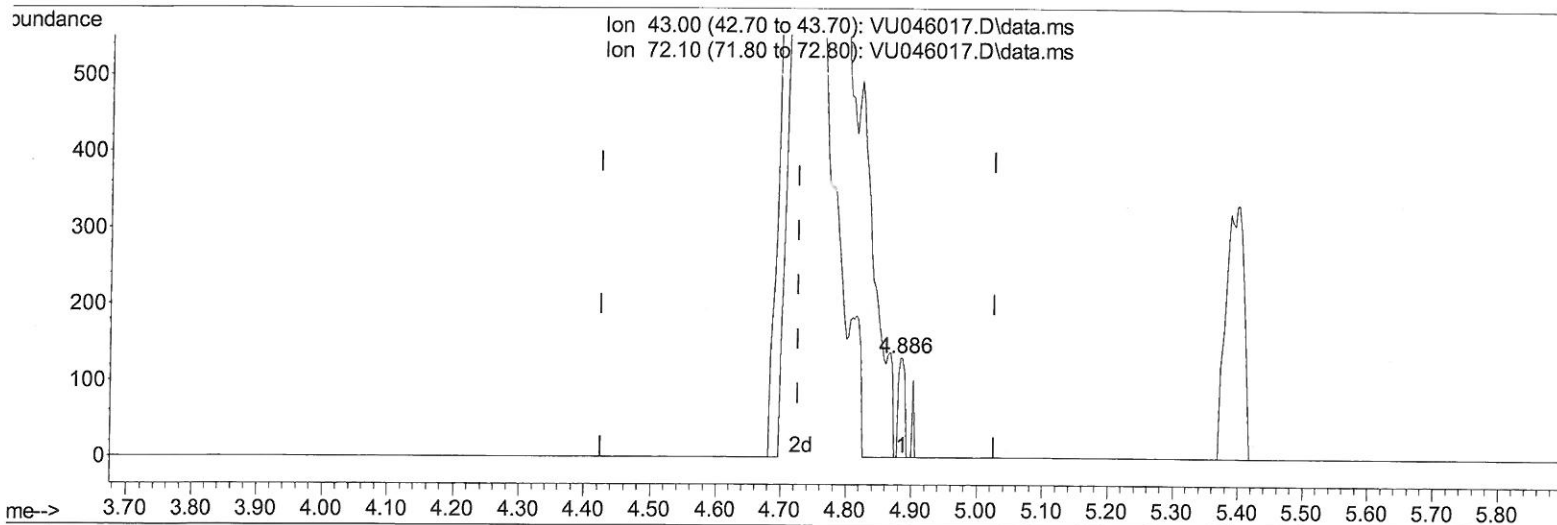| Ion	Exp%	Act%
43.00	100.00	100.00
72.10	29.10	17.39
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112921\
Data File : VU046017.D
Acq On   : 29 Nov 2021 12:01
Operator : SY/MD
Sample   : VSTD00531
Misc   : 5.0mL/MSVOA_U/WATER
ALS Vial : 2   Sample Multiplier: 1

Quant Time: Nov 30 01:53:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 30 01:52:37 2021
Response via : Initial Calibration

Ion 43.00 (42.70 to 43.70): VU046017.D\data.ms
Ion 72.10 (71.80 to 72.80): VU046017.D\data.ms

Scan 1055 (4.732 min): VU046017.D\data.ms

Scan 1053 (4.726 min): VU046019.D\data.ms (-1032) (-)

TIC: VU046017.D\data.ms

(22) 2-Butanone (T)

4.732min (+ 0.006) 11.19 ug/L m

response   14061

Ion	Exp%	Act%
43.00	100.00	100.00
72.10	29.10	0.11#
0.00	0.00	0.00
0.00	0.00	0.00

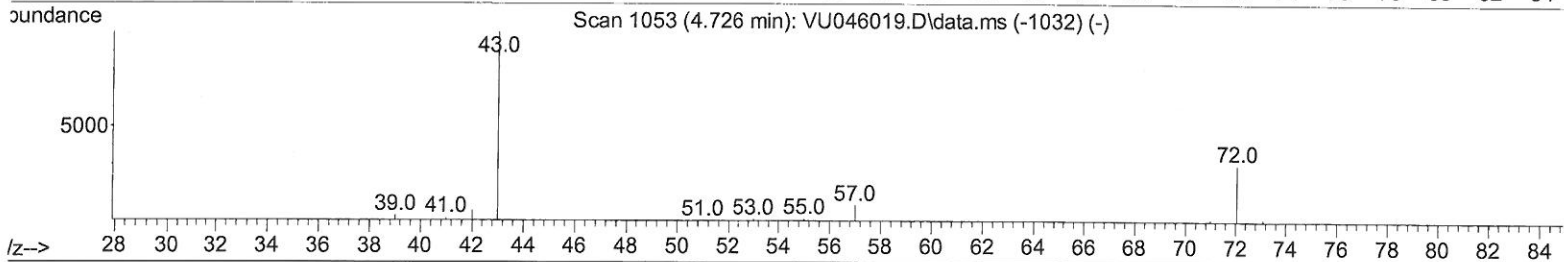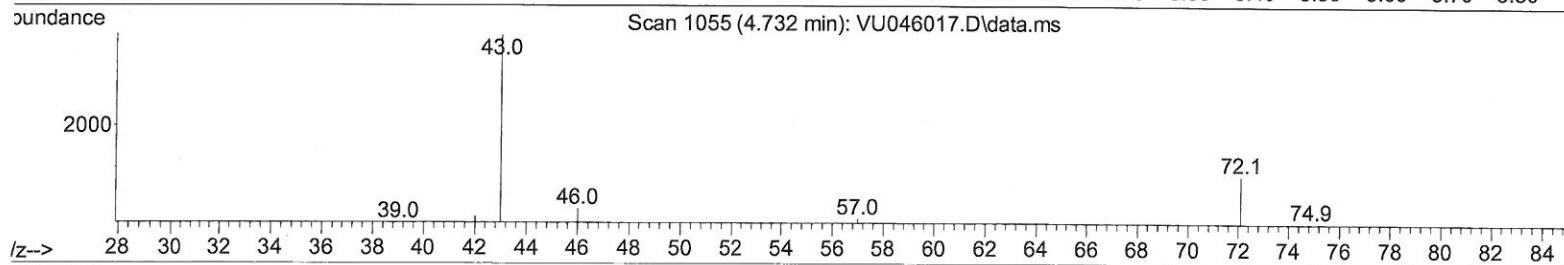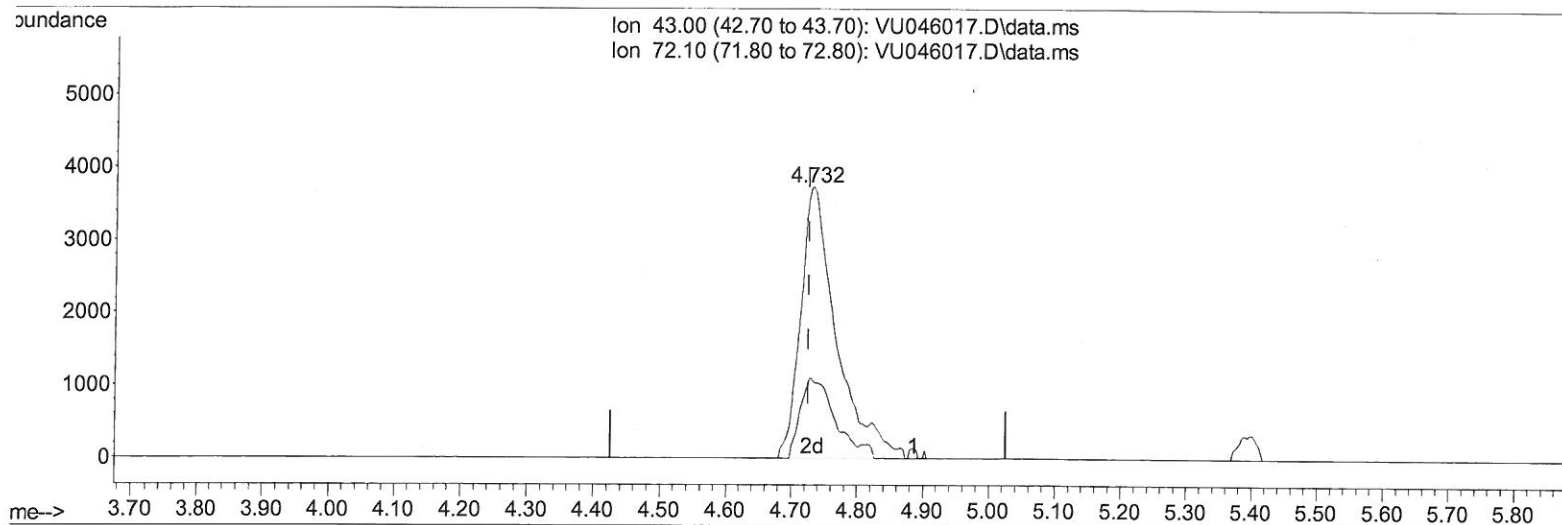FAMULM112921WMA.M Tue Nov 30 02:01:29 2021

Page: 1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112921\
Data File : VU046017.D
Acq On   : 29 Nov 2021 12:01
Operator : SY/MD
Sample   : VSTD00531
Misc   : 5.0mL/MSVOA_U/WATER
ALS Vial : 2   Sample Multiplier: 1

Quant Time: Nov 30 01:53:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 30 01:52:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	159034	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	162048	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	78919	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	6589	5.103	ug/L	0.00
7) Chloroethane-d5	1.919	69	5033	4.868	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	11829	5.156	ug/L	0.00
21) 2-Butanone-d5	4.655	46	10126	9.480	ug/L	0.00
24) Chloroform-d	5.070	84	10728	4.693	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	7774	5.138	ug/L	0.00
32) Benzene-d6	5.732	84	22619	4.586	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	7050	4.475	ug/L	0.00
41) Toluene-d8	7.902	98	19551	4.500	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	3110	4.183	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	5207	6.328	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	10229	4.343	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	7916	5.048	ug/L	0.00

Compound	R.T.	QIon	Response	Conc	Units	Qvalue
Target Compounds						
2) Dichlorodifluoromethane	1.388	85	8289	5.650	ug/L	98
3) Chloromethane	1.523	50	8361	5.023	ug/L	97
5) Vinyl chloride	1.607	62	7655	4.850	ug/L	98
6) Bromomethane	1.864	94	3961	4.773	ug/L	100
8) Chloroethane	1.938	64	4493	4.751	ug/L	96
9) Trichlorofluoromethane	2.144	101	9845	5.145	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	5410	4.695	ug/L	96
12) 1,1-Dichloroethene	2.587	96	5279	4.871	ug/L	90
13) Acetone	2.681	43	14929m	15.334	ug/L	
14) Carbon disulfide	2.800	76	16588	5.261	ug/L	97
15) Methyl Acetate	2.967	43	7646	5.129	ug/L	95
16) Methylene chloride	3.054	84	7088	5.356	ug/L	94
17) trans-1,2-Dichloroethene	3.359	96	5440	4.682	ug/L	94
18) Methyl tert-butyl Ether	3.369	73	15610	3.936	ug/L	98
19) 1,1-Dichloroethane	3.877	63	10295	4.545	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	5789	4.419	ug/L	97
22) 2-Butanone	4.732	43	14061m	11.192	ug/L	
23) Bromochloromethane	4.986	128	3001	4.713	ug/L	95
25) Chloroform	5.095	83	12238	5.299	ug/L	99
27) 1,2-Dichloroethane	5.800	62	8286	4.463	ug/L	100
29) Cyclohexane	5.391	56	7975	3.555	ug/L	100
30) 1,1,1-Trichloroethane	5.320	97	9271	4.563	ug/L	99
31) Carbon tetrachloride	5.529	117	7681	4.683	ug/L	100
33) Benzene	5.780	78	22432	4.109	ug/L	100
34) Trichloroethene	6.546	95	6164	4.623	ug/L	98
35) Methylcyclohexane	6.767	83	8283	3.612	ug/L	96
37) 1,2-Dichloropropane	6.796	63	6281	4.341	ug/L #	97
38) Bromodichloromethane	7.108	83	8137	4.433	ug/L #	95
39) cis-1,3-Dichloropropene	7.613	75	8105	3.669	ug/L	92
40) 4-Methyl-2-pentanone	7.796	43	15692	7.352	ug/L	96
42) Toluene	7.973	91	23081	4.033	ug/L	99

md 12/6/21 (handwritten annotation)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112921\
Data File : VU046017.D
Acq On   : 29 Nov 2021 12:01
Operator : SY/MD
Sample   : VSTD00531
Misc   : 5.0mL/MSVOA_U/WATER
ALS Vial : 2   Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 30 01:52:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.214	75	7701	3.651	ug/L	96
45) 1,1,2-Trichloroethane	8.404	97	6072	4.483	ug/L	93
46) Tetrachloroethene	8.558	164	4382	4.592	ug/L	94
48) 2-Hexanone	8.687	43	13524	7.492	ug/L	99
49) Dibromochloromethane	8.816	129	5883	4.415	ug/L	99
50) 1,2-Dibromoethane	8.928	107	6350	4.422	ug/L	96
51) Chlorobenzene	9.449	112	16466	4.722	ug/L	98
52) Ethylbenzene	9.574	91	23659	3.871	ug/L	99
53) m,p-Xylene	9.700	106	9296	3.973	ug/L	95
54) o-xylene	10.105	106	8863	3.844	ug/L	99
55) Styrene	10.118	104	14203	3.652	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	9845	4.145	ug/L	98
59) Bromoform	10.295	173	4356	4.825	ug/L #	95
60) 1,2,3-Trichloropropane	10.825	75	8858	4.714	ug/L	96
61) Isopropylbenzene	10.487	105	22368	3.919	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	16666	3.439	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	16473	3.359	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	11559	4.545	ug/L	93
65) 1,4-Dichlorobenzene	11.838	146	12665	4.905	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	12108	4.637	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.999	75	2137	3.943	ug/L	90
69) 1,3,5-Trichlorobenzene	13.224	180	8034	4.272	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	6893	4.032	ug/L	98
71) Naphthalene	14.089	128	20450	3.181	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	6724	3.841	ug/L	92

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