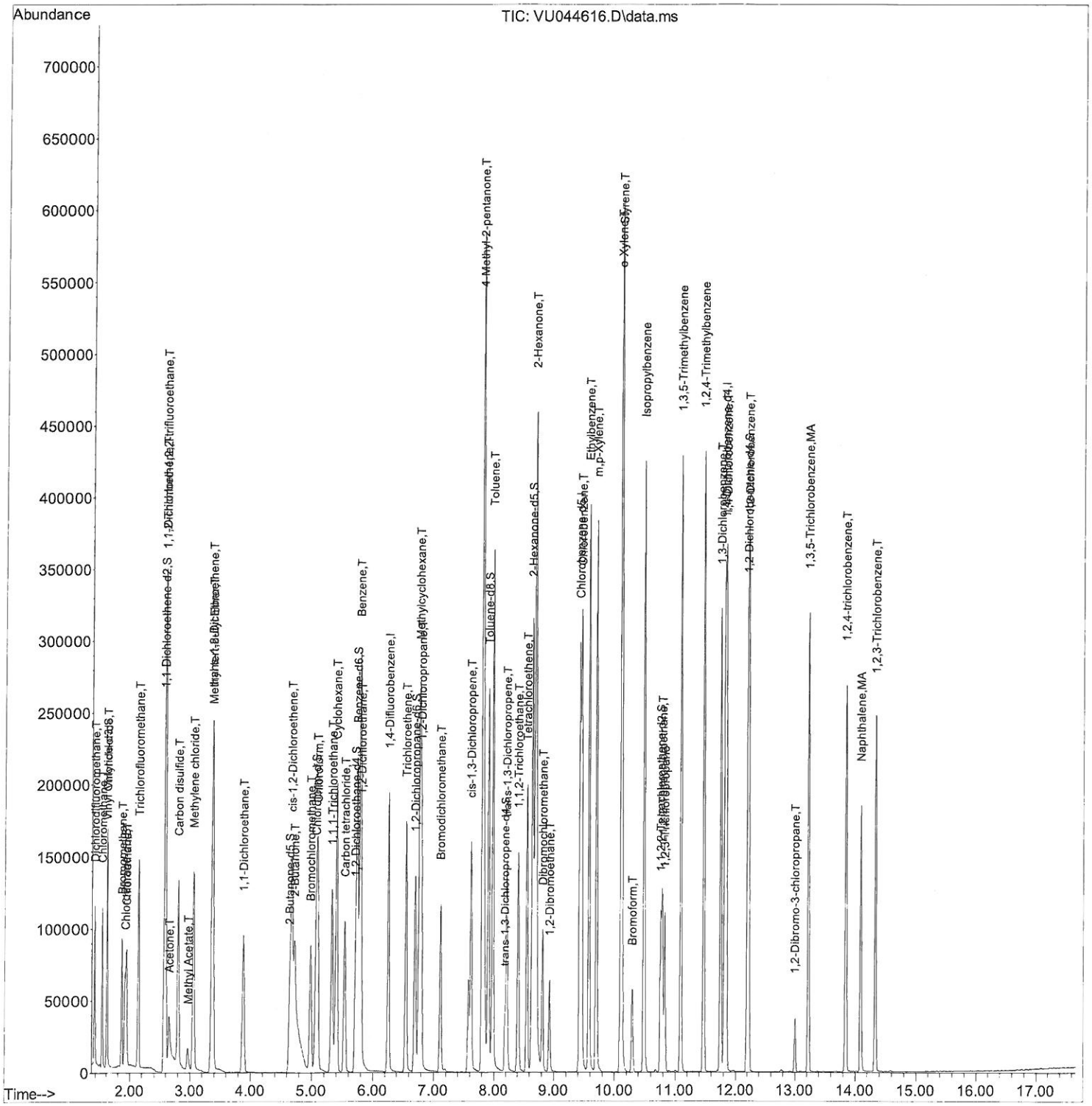
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
Data File : VU044616.D
Acq On : 09 Sep 2021 16:09
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 10 01:44:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 10 01:38:15 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VICV027

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:27 AM



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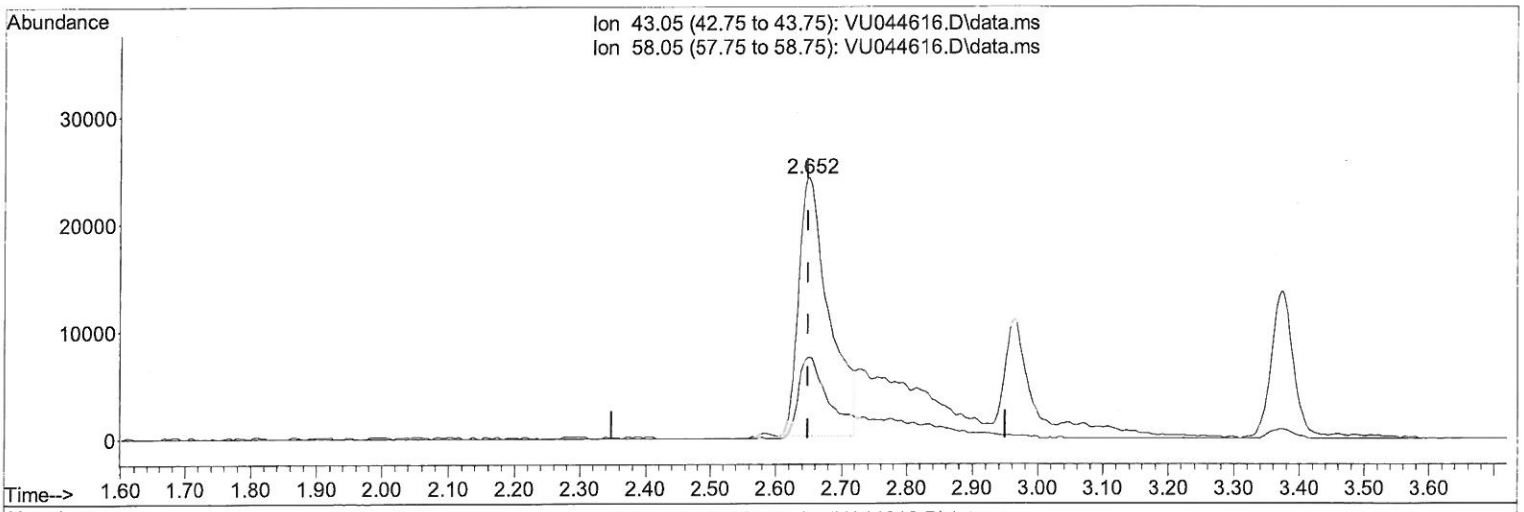

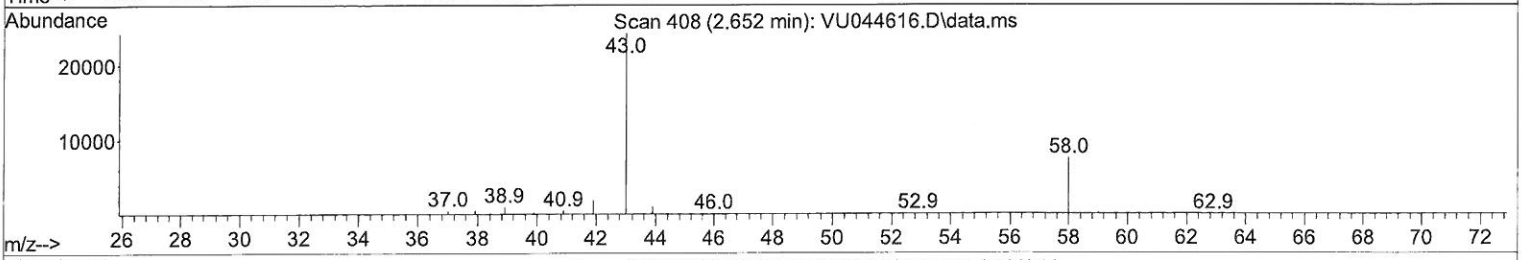

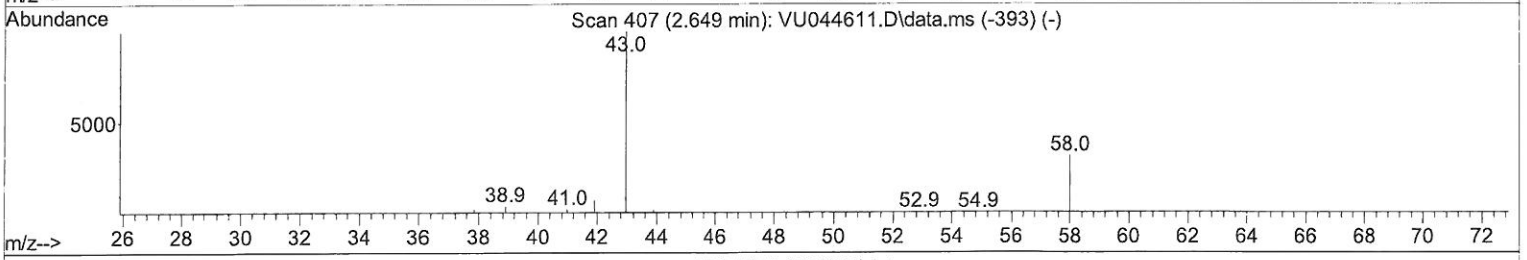

TIC: VU044616.D\data.ms

(13) Acetone (T)

2.652min (+ 0.003) 31.08 ug/L

response 76655

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	21.20	32.43
0.00	0.00	0.00
0.00	0.00	0.00

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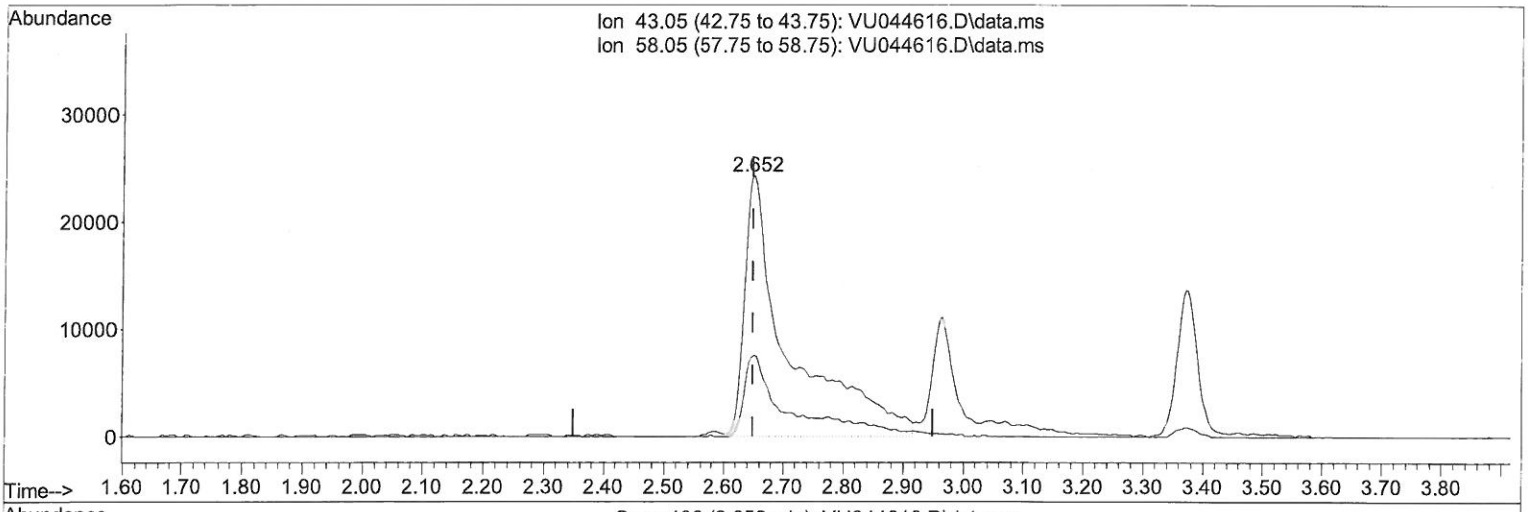

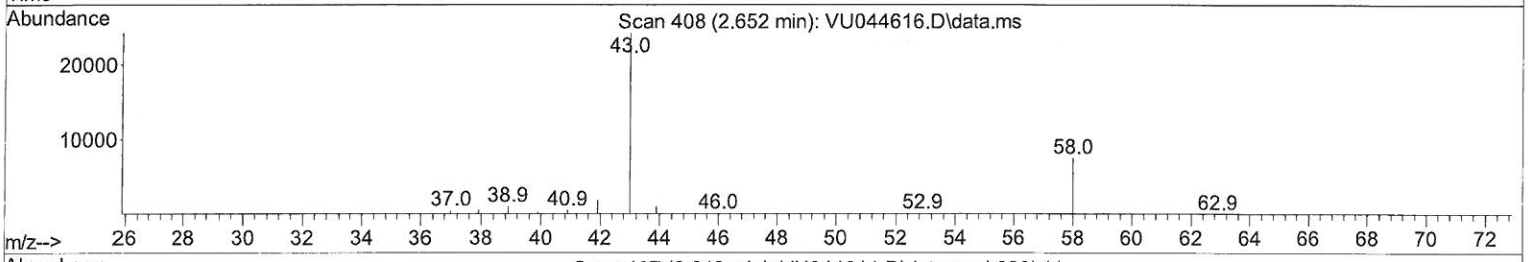

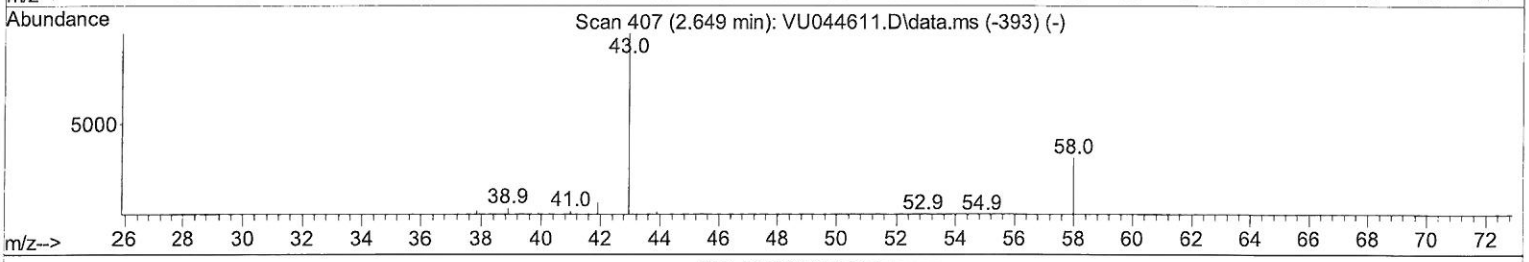

TIC: VU044616.D\data.ms

(13) Acetone (T)

2.652min (+ 0.003) 51.12 ug/L m SMD 09/10/21

response 126071

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	21.20	19.72
0.00	0.00	0.00
0.00	0.00	0.00

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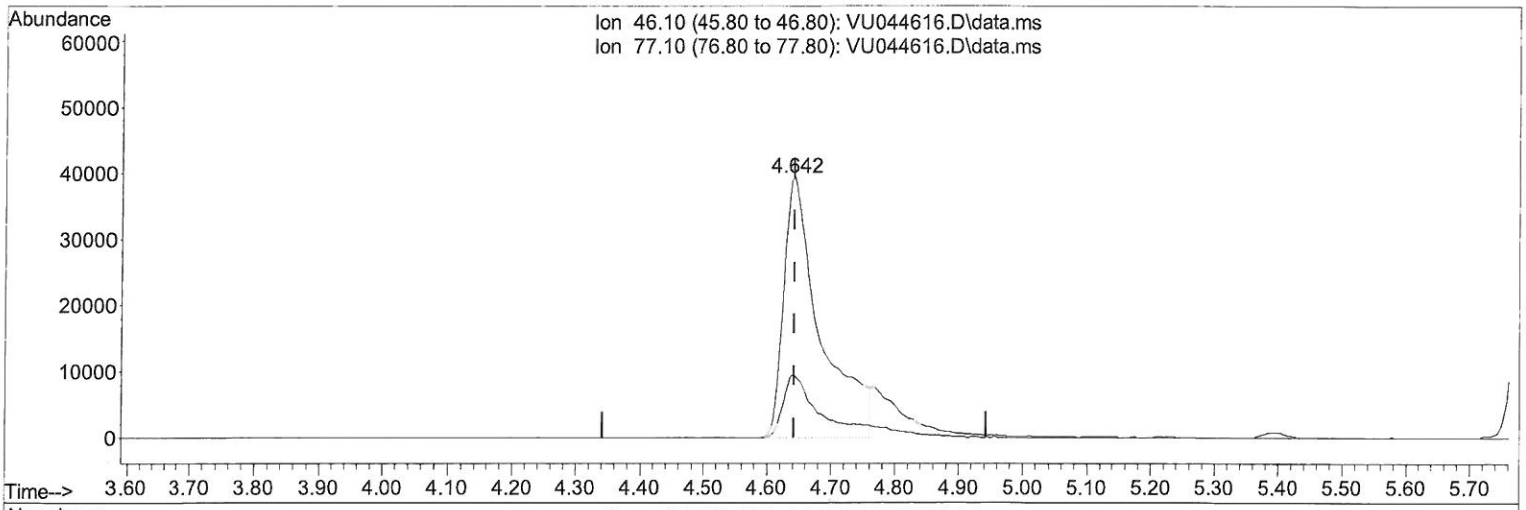

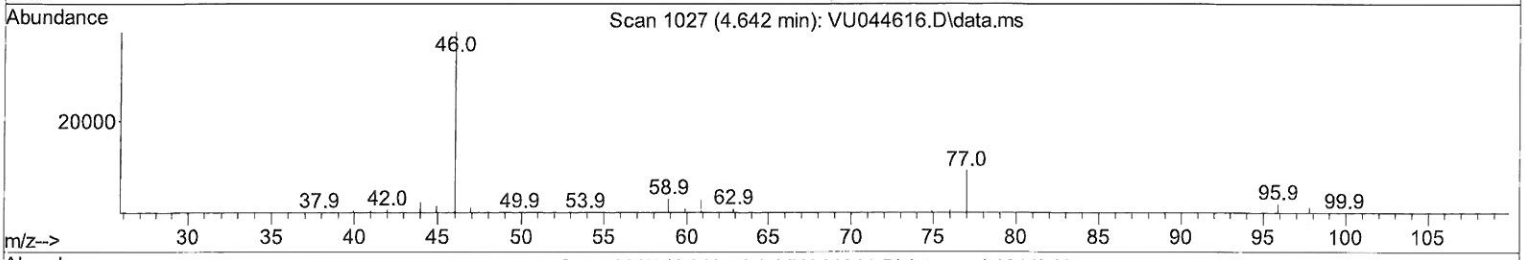

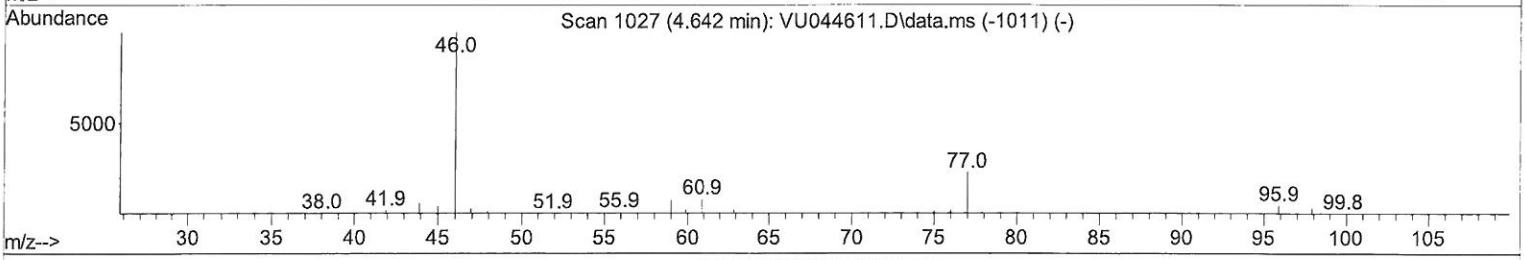

TIC: VU044616.D\data.ms

(20) 2-Butanone-d5 (S)

4.642min (+ 0.000) 41.44 ug/L

response 156915

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	21.23
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : VU044616.D
Acq On : 09 Sep 2021 16:09
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 10 01:38:15 2021
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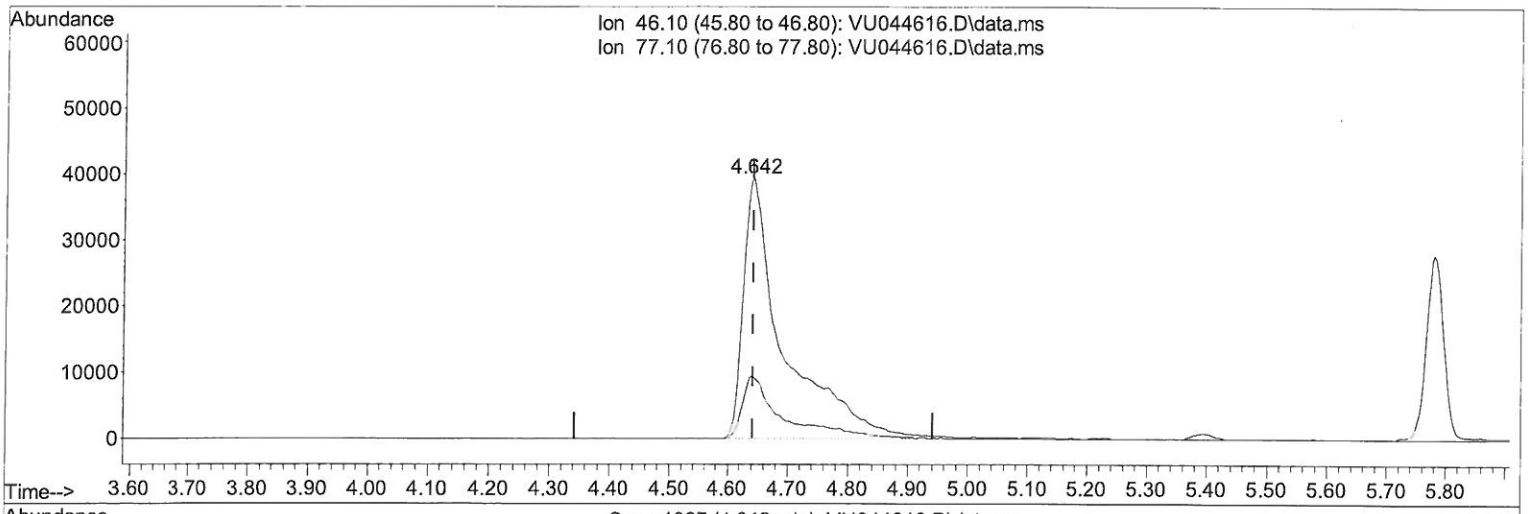
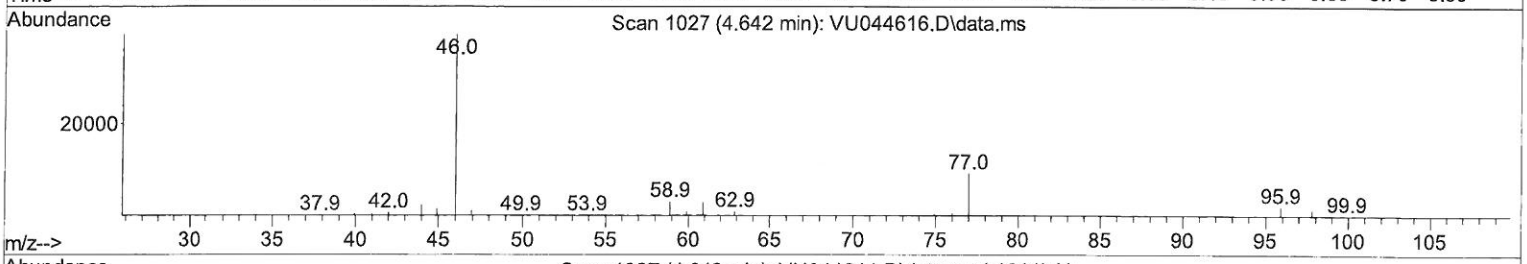
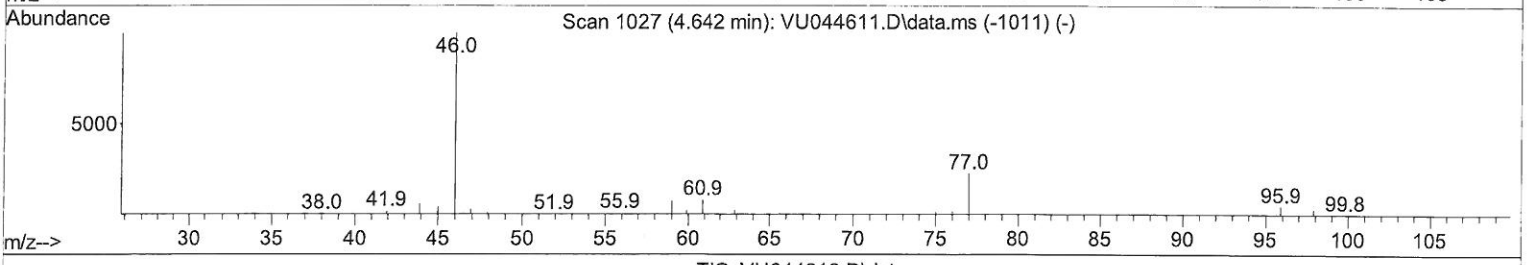
Instrument :
MSVOA_U
ClientSampleId :
VICV027

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:27 AM







TIC: VU044616.D\data.ms

(20) 2-Butanone-d5 (S)

4.642min (+ 0.000) 48.46 ug/L m

response 183504

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	18.15
0.00	0.00	0.00
0.00	0.00	0.00

MD 09/10/21

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ClientSampleId : VICV027

Manual Integrations APPROVED
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9/10/2021 10:50:27 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	153095	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	154836	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	80003	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	43450	4.810	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.200%			
7) Chloroethane-d5	1.919	69	44197	4.794	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.800%			
11) 1,1-Dichloroethene-d2	2.571	65	21534	4.720	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.400%			
20) 2-Butanone-d5	4.642	46	183504m	48.461	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.920%			
24) Chloroform-d	5.073	84	94979	4.999	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.000%			
26) 1,2-Dichloroethane-d4	5.710	65	55148	4.868	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.400%			
32) Benzene-d6	5.735	84	193568	4.903	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.000%			
36) 1,2-Dichloropropane-d6	6.697	67	62499	4.820	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.400%			
41) Toluene-d8	7.902	98	168065	4.890	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.800%			
43) trans-1,3-Dichloroprop...	8.185	79	22329	4.886	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.800%			
46) 2-Hexanone-d5	8.642	63	143830	48.965	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.920%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	54083	4.704	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.000%			
66) 1,2-Dichlorobenzene-d4	12.198	152	61272	4.641	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	65060	5.329	ug/L	100
3) Chloromethane	1.520	50	75301	5.131	ug/L	100
5) Vinyl chloride	1.607	62	77700	5.190	ug/L	98
6) Bromomethane	1.861	94	39608	5.163	ug/L	98
8) Chloroethane	1.938	64	48323	5.065	ug/L	98
9) Trichlorofluoromethane	2.144	101	89445	5.306	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	54431	5.260	ug/L	99
12) 1,1-Dichloroethene	2.587	96	51558	5.242	ug/L	92
13) Acetone	2.652	43	126071m	51.117	ug/L	
14) Carbon disulfide	2.800	76	160747	5.162	ug/L	99
15) Methyl Acetate	2.964	43	20818	4.675	ug/L	98
16) Methylene chloride	3.054	84	64293	4.111	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	141825	5.217	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	55090	5.269	ug/L	97
19) 1,1-Dichloroethane	3.877	63	112035	5.300	ug/L	100
21) 2-Butanone	4.722	43	208574	50.649	ug/L	93
22) cis-1,2-Dichloroethene	4.674	96	61398	5.327	ug/L	97
23) Bromochloromethane	4.983	128	25599	5.243	ug/L	93

MD 09/10/21

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MMDadoda
9/10/2021 10:50:27 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.095	83	113276	5.029	ug/L	99
27) 1,2-Dichloroethane	5.803	62	80304	5.445	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	88693	5.257	ug/L	99
30) Cyclohexane	5.394	56	101424	5.249	ug/L	99
31) Carbon tetrachloride	5.533	117	68984	5.224	ug/L	100
33) Benzene	5.780	78	243026	5.289	ug/L	100
34) Trichloroethene	6.549	95	60401	5.310	ug/L	99
35) Methylcyclohexane	6.767	83	98900	5.290	ug/L	99
37) 1,2-Dichloropropane	6.796	63	65020	5.280	ug/L	100
38) Bromodichloromethane	7.111	83	77916	5.219	ug/L	96
39) cis-1,3-Dichloropropene	7.613	75	91395	5.239	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	498556	52.015	ug/L	99
42) Toluene	7.976	91	255188	5.317	ug/L	98
44) trans-1,3-Dichloropropene	8.217	75	79809	5.361	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	46381	5.297	ug/L	99
47) Tetrachloroethene	8.558	164	41141	5.208	ug/L	99
48) 2-Hexanone	8.693	43	372156	52.165	ug/L	99
49) Dibromochloromethane	8.816	129	49376	5.368	ug/L	99
50) 1,2-Dibromoethane	8.931	107	44220	5.365	ug/L	99
51) Chlorobenzene	9.452	112	156260	5.252	ug/L	99
52) Ethylbenzene	9.574	91	275235	5.294	ug/L	99
53) m,p-Xylene	9.700	106	104635	5.293	ug/L	99
54) o-Xylene	10.105	106	101340	5.366	ug/L	97
55) Styrene	10.118	104	178883	5.412	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	61635	5.243	ug/L	99
59) Bromoform	10.298	173	26102	5.249	ug/L	99
60) Isopropylbenzene	10.491	105	267601	5.344	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	45356	5.131	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	225408	5.420	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	233398	5.464	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	123024	5.269	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	124493	5.168	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	116943	5.276	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	9767	5.024	ug/L	88
69) 1,3,5-Trichlorobenzene	13.224	180	90528	5.100	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	76674	5.121	ug/L	99
71) Naphthalene	14.092	128	141269	4.836	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	70377	5.106	ug/L	99

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