

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120519\
 Data File : VU036008.D
 Acq On : 05 Dec 2019 21:08
 Operator : JC/SP
 Sample : K6132-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQR3

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.372	3	10	24	rBV	92941	92239	8.67%	0.994%
2	1.504	46	51	56	rBV2	20709	19801	1.86%	0.213%
3	1.610	77	84	94	rBV2	225895	258695	24.31%	2.787%
4	1.932	177	184	199	rVB	147011	190623	17.91%	2.054%
5	2.012	203	209	220	rVB3	39520	57128	5.37%	0.616%
6	2.221	270	274	284	rVB2	13965	17696	1.66%	0.191%
7	2.404	327	331	340	rVB3	17232	24887	2.34%	0.268%
8	2.491	350	358	369	rVB4	7011	12964	1.22%	0.140%
9	2.594	373	390	411	rBV	229652	384555	36.14%	4.143%
10	2.822	451	461	473	rBV2	5479	10835	1.02%	0.117%
11	3.070	527	538	549	rBV5	13581	31933	3.00%	0.344%
12	3.173	557	570	585	rVB2	31459	65991	6.20%	0.711%
13	3.398	628	640	657	rVB7	11104	27797	2.61%	0.300%
14	4.578	993	1007	1020	rBV4	19867	45961	4.32%	0.495%
15	4.706	1023	1047	1087	rBV	121101	429933	40.40%	4.632%
16	5.111	1156	1173	1199	rBV	205173	465721	43.77%	5.018%
17	5.430	1259	1272	1283	rBV8	11438	23189	2.18%	0.250%
18	5.771	1357	1378	1407	rBV2	410676	1034416	97.21%	11.145%
19	5.935	1421	1429	1443	rVB8	10070	22851	2.15%	0.246%
20	6.291	1524	1540	1563	rBV	334173	654300	61.49%	7.050%
21	6.732	1662	1677	1707	rBV	249632	512124	48.13%	5.518%
22	7.423	1875	1892	1904	rBV8	11285	25331	2.38%	0.273%
23	7.603	1934	1948	1967	rBV	108862	210379	19.77%	2.267%
24	7.934	2035	2051	2067	rBV	433933	771288	72.48%	8.310%
25	8.214	2127	2138	2156	rBV2	66783	130646	12.28%	1.408%
26	8.680	2266	2283	2322	rBV	453877	1064094	100.00%	11.465%
27	9.449	2508	2522	2558	rVB	477623	874654	82.20%	9.424%
28	9.722	2598	2607	2617	rBV6	7420	12965	1.22%	0.140%
29	10.783	2925	2937	2961	rVB	205834	352223	33.10%	3.795%
30	11.494	3150	3158	3171	rVB4	7945	12231	1.15%	0.132%
31	11.838	3252	3265	3282	rBV	392374	659886	62.01%	7.110%
32	12.031	3316	3325	3335	rVB2	8091	13777	1.29%	0.148%
33	12.118	3341	3352	3367	rVB3	11193	18833	1.77%	0.203%
34	12.217	3370	3383	3401	rVB	404279	687859	64.64%	7.411%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : TRACE VOA SOM01.0

35	12.886	3582	3591	3605	rVB5	8422	14550	1.37%	0.157%
36	13.262	3699	3708	3719	rVB9	13042	22937	2.16%	0.247%
37	13.471	3764	3773	3782	rBV9	15451	25748	2.42%	0.277%

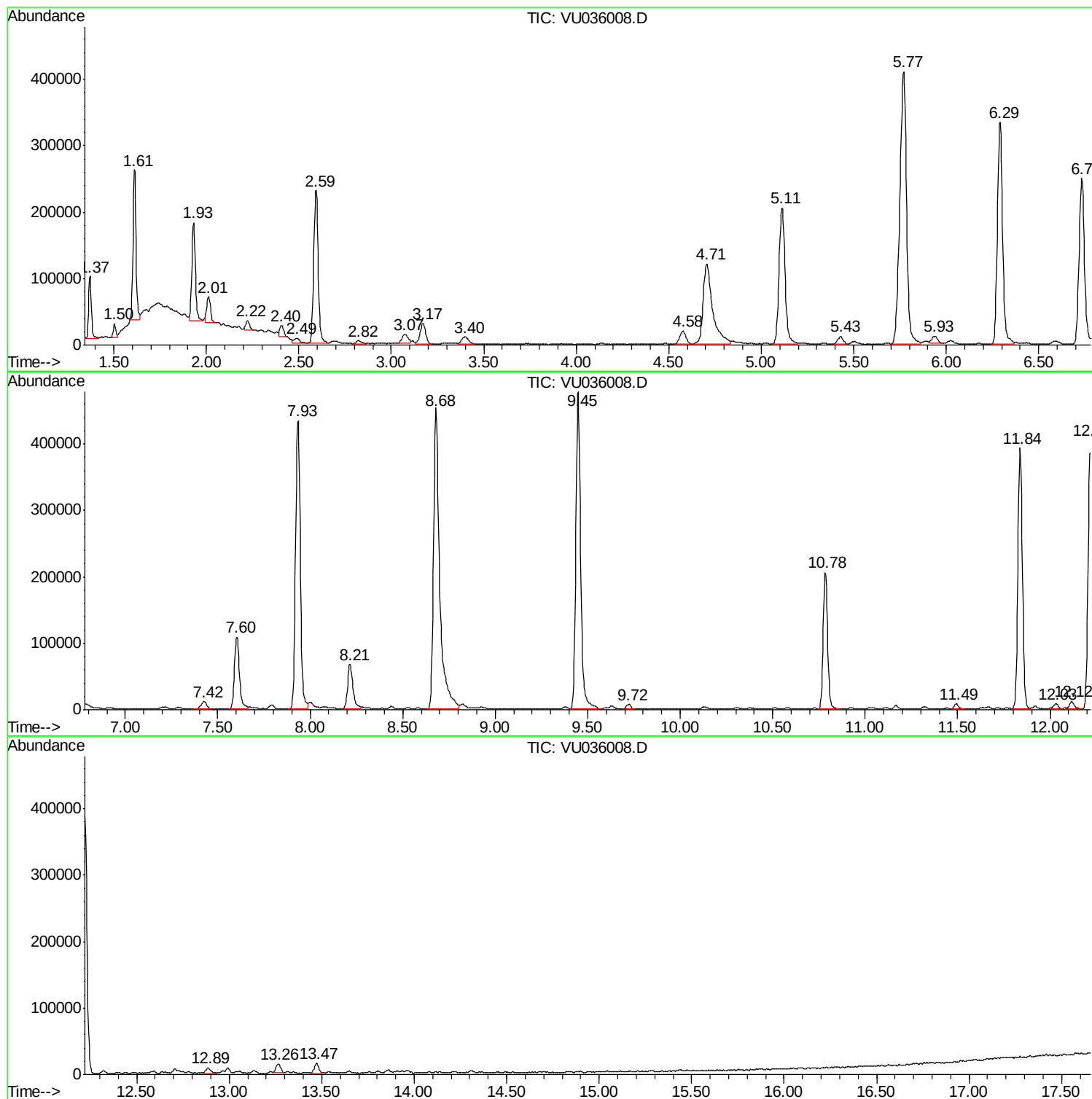
Sum of corrected areas: 9281040

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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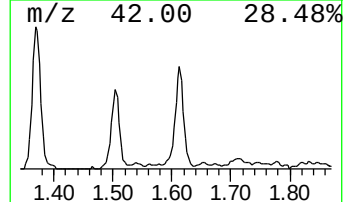
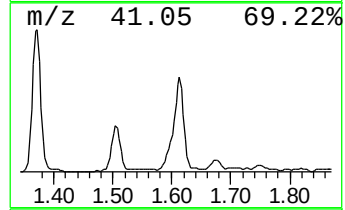
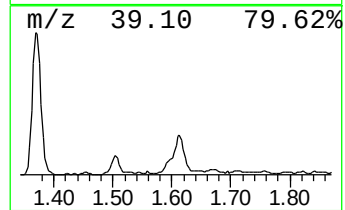
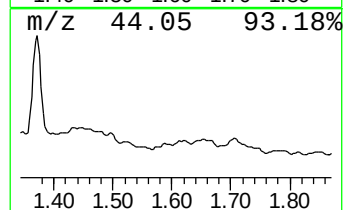
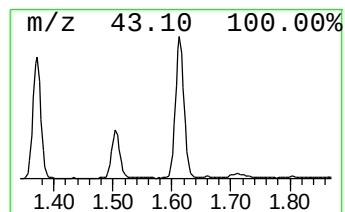
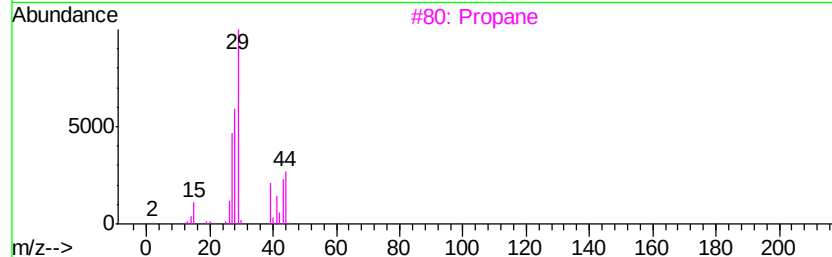
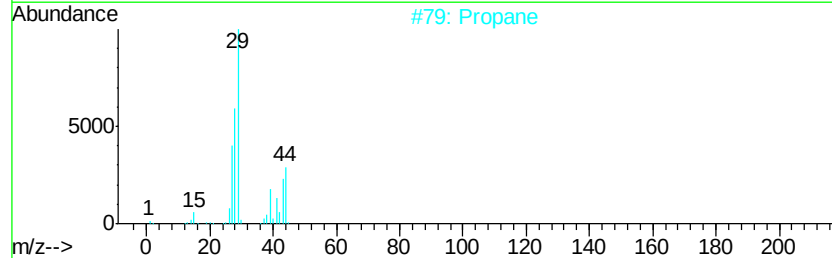
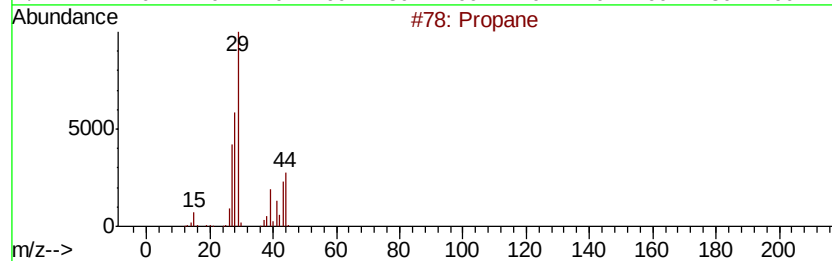
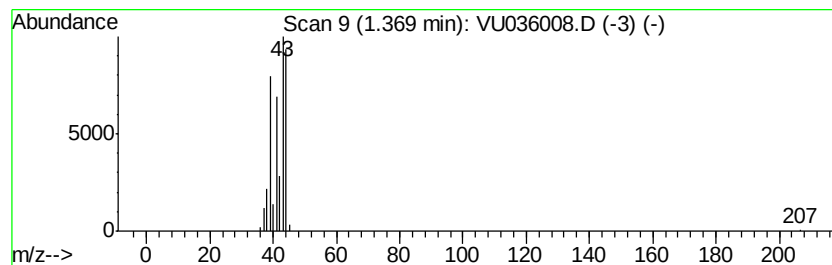
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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.70 ug/L	92239	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane	44	C3H8	000074-98-6	90
2		Propane	44	C3H8	000074-98-6	83
3		Propane	44	C3H8	000074-98-6	9
4		Propene	42	C3H6	000115-07-1	9
5		Cyclopropene	40	C3H4	002781-85-3	2



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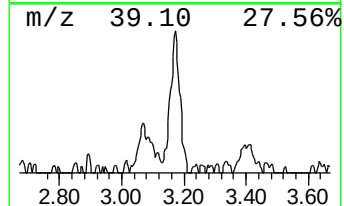
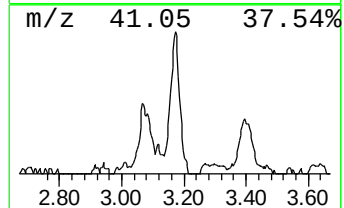
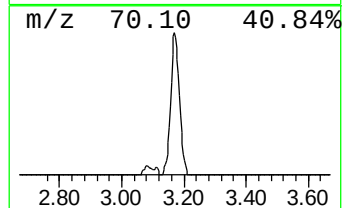
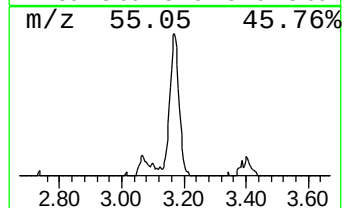
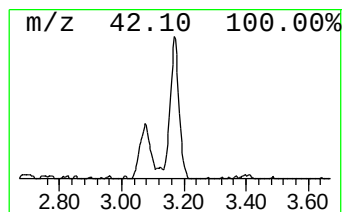
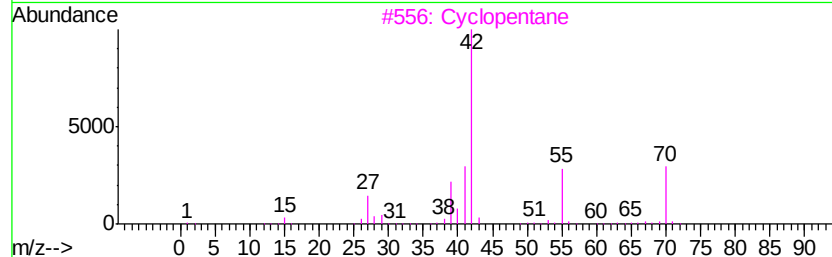
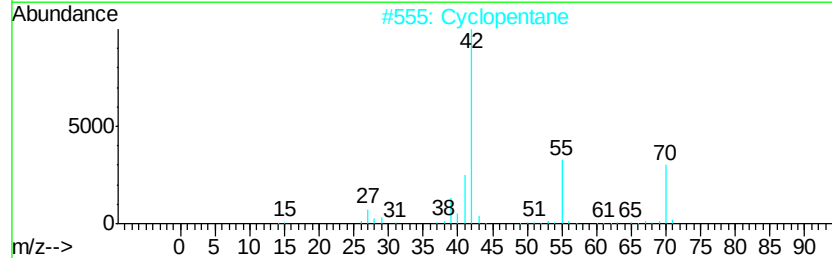
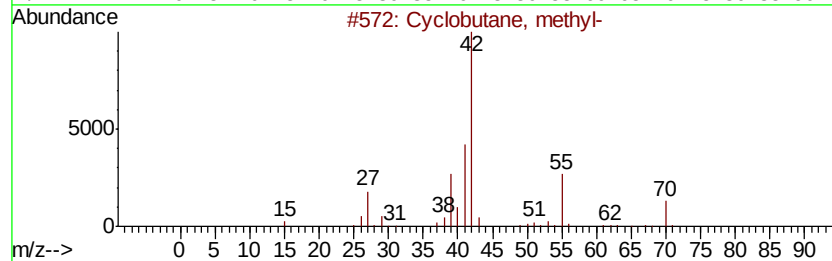
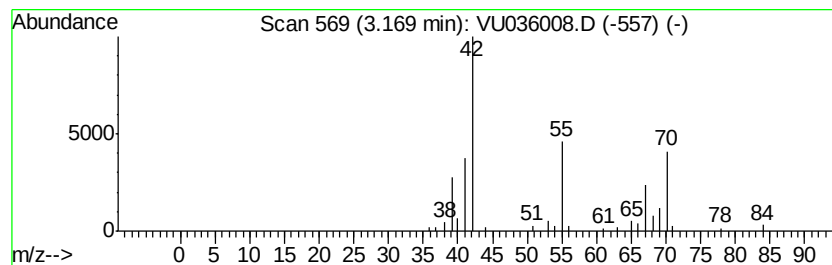
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TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic3.17 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	0.50 ug/L	65991	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutane, methyl-	70	C5H10	000598-61-8	58
2		Cyclopentane	70	C5H10	000287-92-3	53
3		Cyclopentane	70	C5H10	000287-92-3	53
4		1-Pentene	70	C5H10	000109-67-1	50
5		Cyclopropane, ethyl-	70	C5H10	001191-96-4	47



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.37	0.7	ug/L	92239	1	6.29	654300	5.0
(DEL) Alkane: Cyc...	3.17	0.5	ug/L	65991	1	6.29	654300	5.0