

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061623\
 Data File : VU054574.D
 Acq On : 16 Jun 2023 15:23
 Operator : MD/SY
 Sample : 03284-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCGZ6

Integration Parameters: rteint.p

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

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU054574.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.361	17	22	31	rVB2	15347	16790	1.88%	0.196%
2	1.489	56	62	77	rBV	107500	109935	12.33%	1.285%
3	1.599	88	96	118	rVB	368392	410371	46.02%	4.797%
4	1.731	132	137	145	rVB	12995	16578	1.86%	0.194%
5	1.914	186	194	209	rVB	91132	127065	14.25%	1.485%
6	1.994	210	219	229	rVB	62026	87703	9.84%	1.025%
7	2.081	239	246	257	rVB2	17193	24278	2.72%	0.284%
8	2.203	276	284	302	rVB	38557	56039	6.28%	0.655%
9	2.370	328	336	345	rVB2	12209	18354	2.06%	0.215%
10	2.563	384	396	411	rBV2	128111	216418	24.27%	2.530%
11	2.644	411	421	436	rVB	9138	20352	2.28%	0.238%
12	3.129	563	572	580	rBV3	7460	14005	1.57%	0.164%
13	3.181	582	588	600	rVB2	7288	14888	1.67%	0.174%
14	3.358	632	643	653	rBV4	10278	19036	2.13%	0.223%
15	3.866	786	801	823	rVB2	74587	176176	19.76%	2.060%
16	4.628	1025	1038	1074	rBV2	143276	516215	57.89%	6.035%
17	5.058	1157	1172	1193	rVB	162613	364387	40.86%	4.260%
18	5.312	1235	1251	1265	rBV3	39248	90528	10.15%	1.058%
19	5.721	1358	1378	1413	rBV2	318841	867936	97.33%	10.147%
20	6.245	1526	1541	1565	rBV	304108	596458	66.89%	6.973%
21	6.541	1620	1633	1649	rBV	106755	208290	23.36%	2.435%
22	6.685	1666	1678	1694	rBV2	212282	419531	47.05%	4.904%
23	7.563	1940	1951	1975	rBV	87864	161101	18.07%	1.883%
24	7.894	2041	2054	2073	rBV	346769	621887	69.74%	7.270%
25	8.177	2132	2142	2161	rBV2	49098	89272	10.01%	1.044%
26	8.402	2200	2212	2220	rBV6	4955	8962	1.01%	0.105%
27	8.470	2223	2233	2247	rVB2	5242	10173	1.14%	0.119%
28	8.547	2247	2257	2271	rVB6	10229	18532	2.08%	0.217%
29	8.631	2271	2283	2316	rBV2	434562	891723	100.00%	10.425%
30	9.415	2512	2527	2553	rBV	421812	739228	82.90%	8.642%
31	10.753	2931	2943	2959	rBV	158578	260305	29.19%	3.043%
32	10.891	2976	2986	2995	rBV2	8978	14140	1.59%	0.165%
33	11.807	3259	3271	3292	rBV	442491	713450	80.01%	8.341%
34	12.068	3341	3352	3377	rBV3	16841	44846	5.03%	0.524%
35	12.190	3377	3390	3409	rVV	360128	589064	66.06%	6.886%

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Integration Parameters: rteint.p
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

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Title : TRACE VOA SFAM1.0

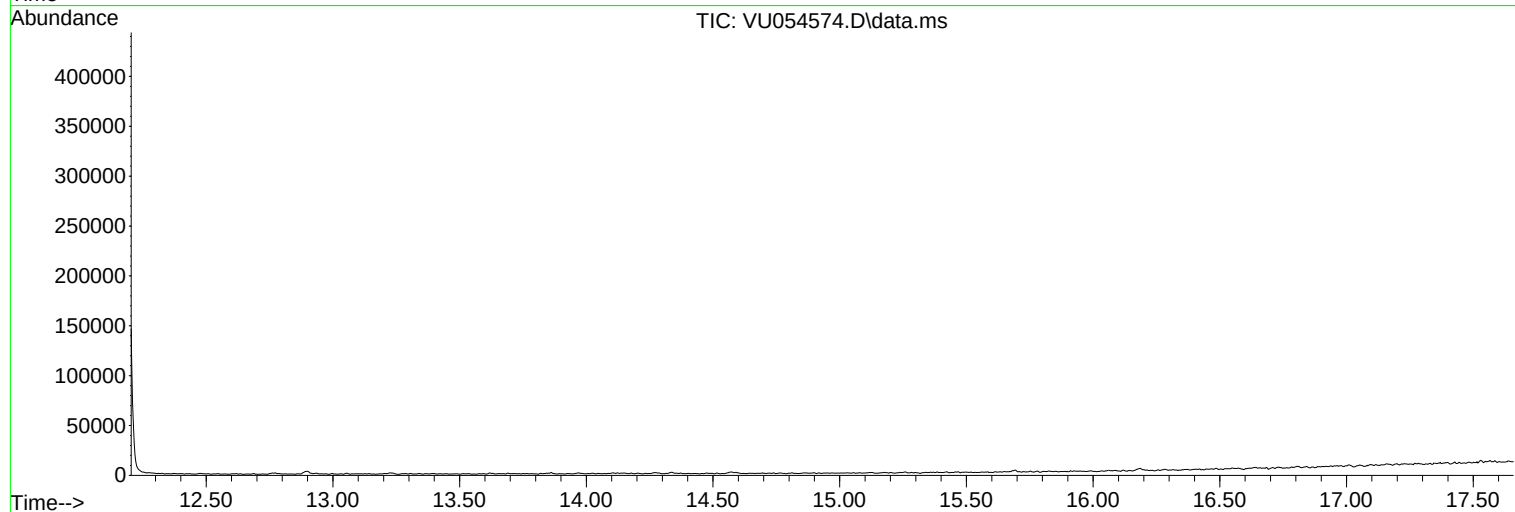
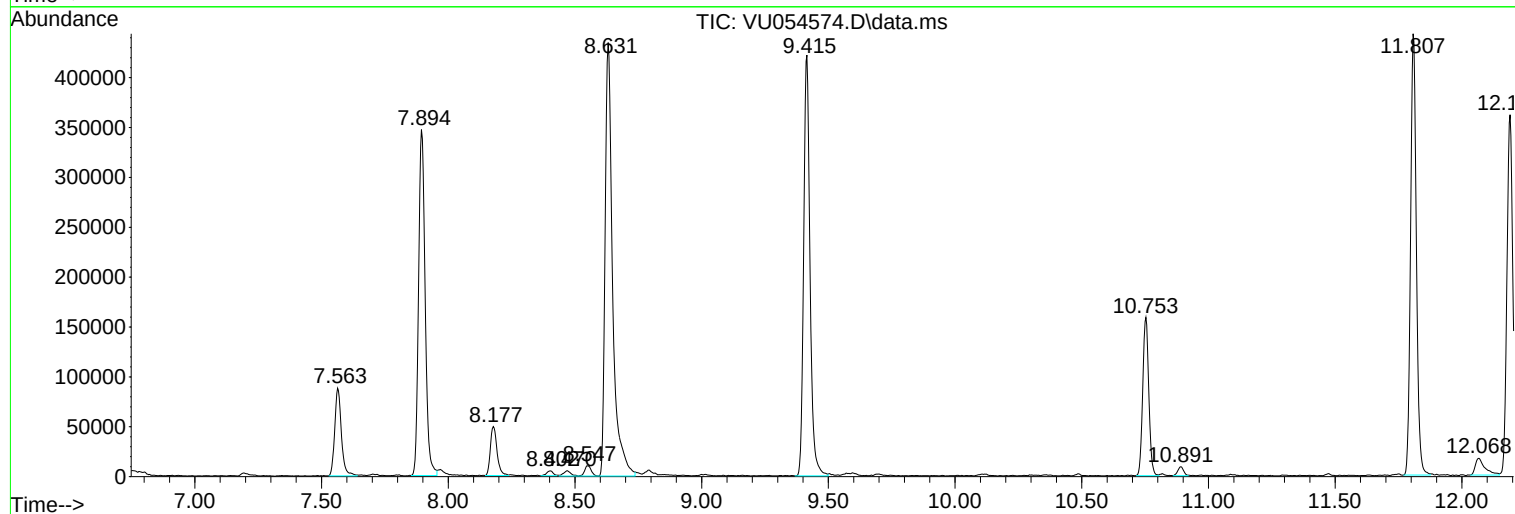
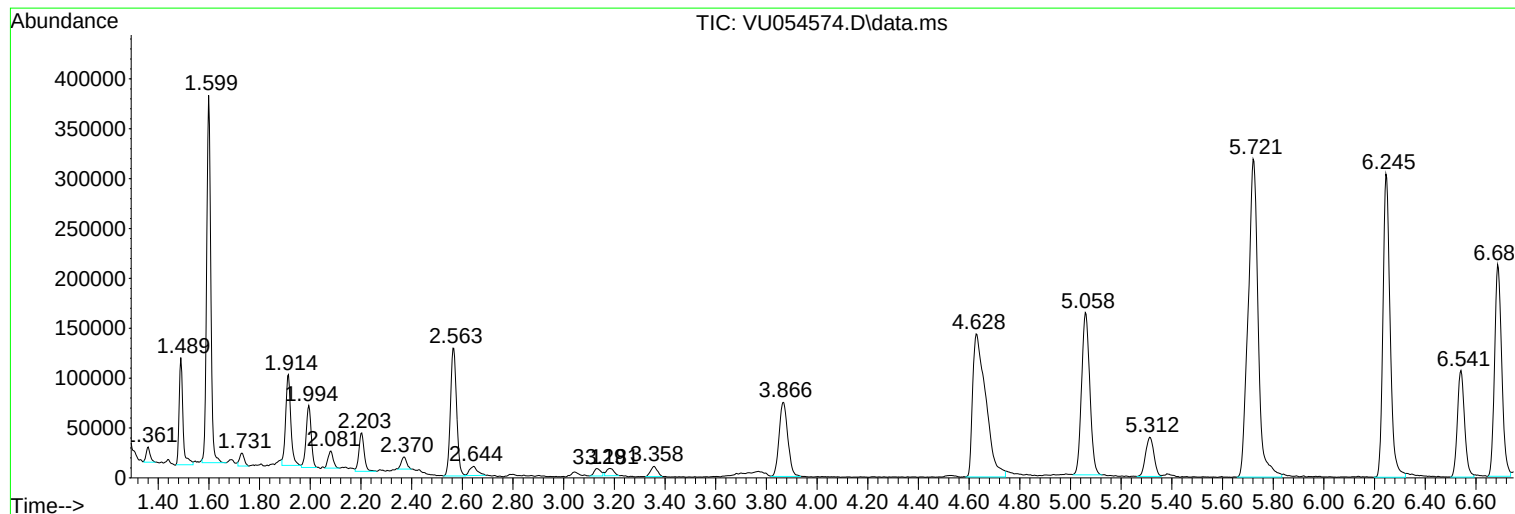
Sum of corrected areas: 8554016

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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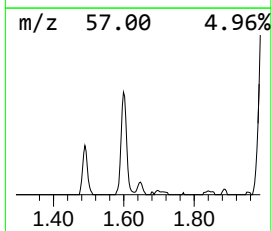
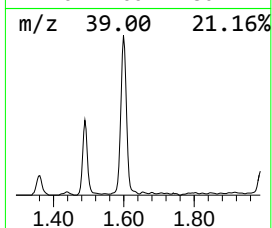
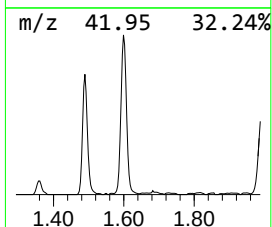
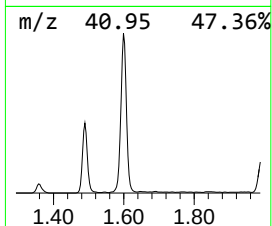
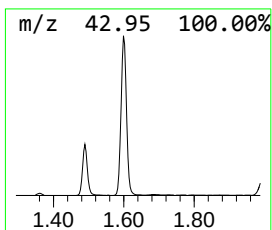
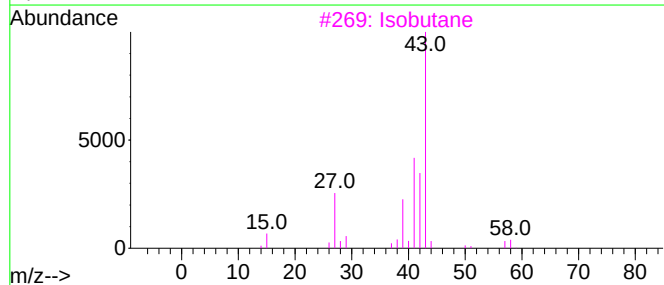
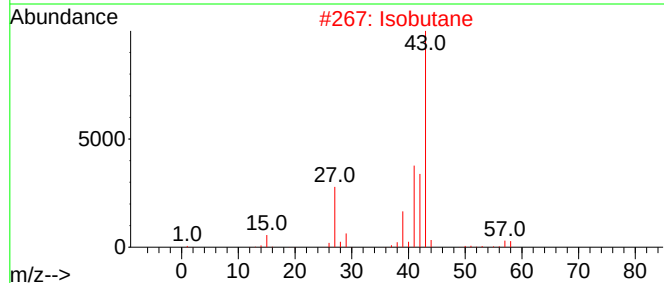
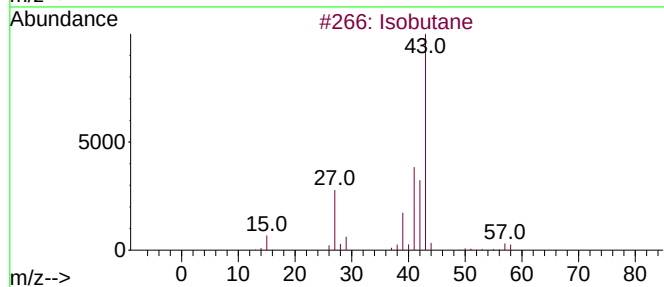
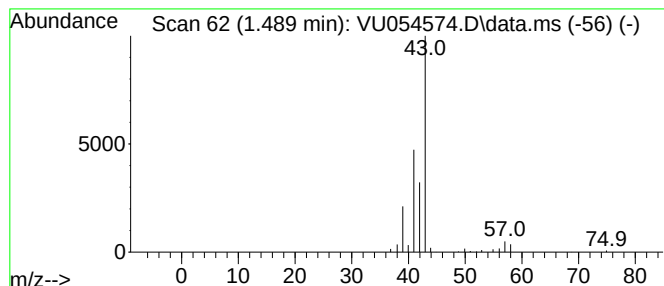
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.489	0.92 ug/L	109935	1,4-Difluorobenzene	6.245

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isobutane	58	C4H10	000075-28-5	64
2		Isobutane	58	C4H10	000075-28-5	64
3		Isobutane	58	C4H10	000075-28-5	50
4		Isobutane	58	C4H10	000075-28-5	50
5		Isobutane	58	C4H10	000075-28-5	42



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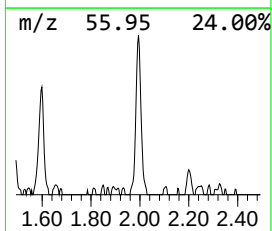
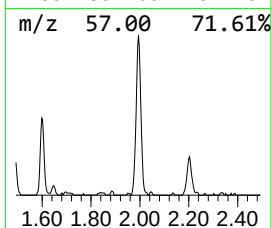
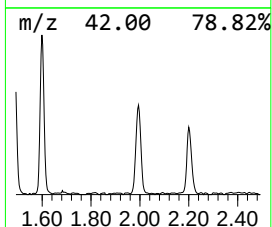
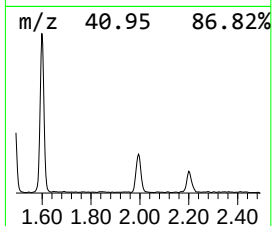
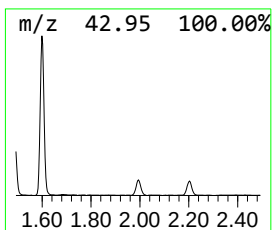
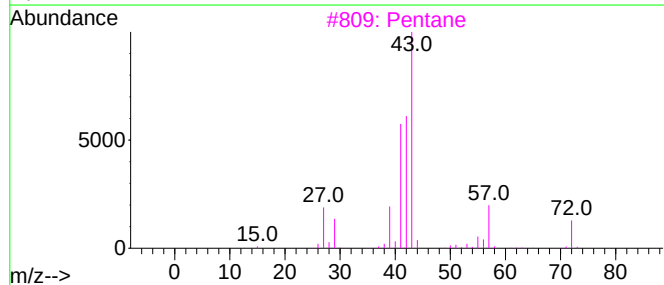
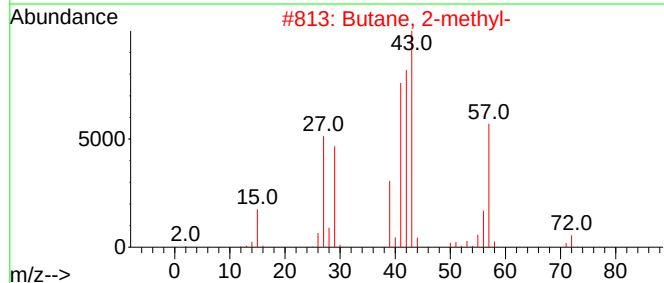
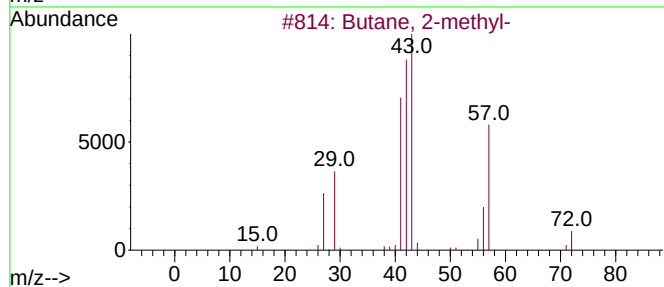
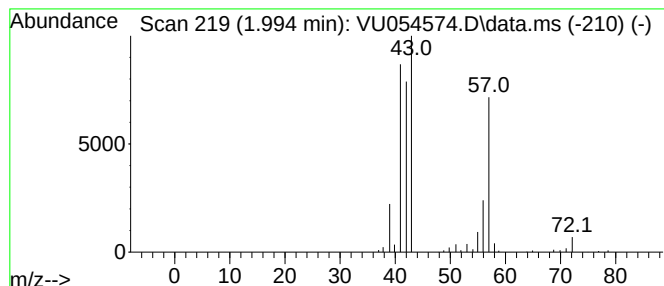
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.994	0.74 ug/L	87703	1,4-Difluorobenzene	6.245

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methyl-	72	C5H12	000078-78-4	86
2		Butane, 2-methyl-	72	C5H12	000078-78-4	80
3		Pentane	72	C5H12	000109-66-0	59
4		3-Buten-1-ol	72	C4H8O	000627-27-0	25
5		1-Butene	56	C4H8	000106-98-9	11



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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	1.489	0.9	ug/L	109935	1	6.245	596458	5.0
(DEL) Alkane: S...	1.994	0.7	ug/L	87703	1	6.245	596458	5.0