LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061623\
Data File : VU054573.D
Acq On : 16 Jun 2023 14:59
Operator : MD/SY
Sample : 03284-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCGZ5

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: VU054573.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	15	22	41	rVB	170576	192685	2.36%	0.862%
2	1.489	55	62	82	rVB2	141229	150608	1.84%	0.673%
3	1.599	87	96	105	rBV2	258600	302843	3.71%	1.354%
4	1.730	128	137	150	rVB	639754	790530	9.68%	3.535%
5	1.914	188	194	207	rVV	92616	129854	1.59%	0.581%
6	1.994	211	219	232	rVB	101347	140083	1.72%	0.626%
7	2.203	276	284	302	rVB	56486	82951	1.02%	0.371%
8	2.370	324	336	346	rBV	89934	148630	1.82%	0.665%
9	2.566	384	397	414	rBV	132355	232752	2.85%	1.041%
10	3.181	568	588	612	rBV	786205	1797106	22.01%	8.035%
11	3.351	627	641	664	rVB2	281928	579549	7.10%	2.591%
12	3.865	787	801	819	rVB	160595	376205	4.61%	1.682%
13	4.640	1019	1042	1099	rBV2	1930002	8165054	100.00%	36.508%
14	5.058	1159	1172	1191	rVB2	168031	372681	4.56%	1.666%
15	5.724	1360	1379	1389	rBV2	334672	938914	11.50%	4.198%
16	6.245	1528	1541	1564	rBV	312578	612328	7.50%	2.738%
17	6.537	1616	1632	1665	rBV	812621	1613476	19.76%	7.214%
18	6.685	1666	1678	1693	rVV	223331	446623	5.47%	1.997%
19	7.563	1940	1951	1969	rBV2	88749	166668	2.04%	0.745%
20	7.894	2043	2054	2068	rBV	359964	631363	7.73%	2.823%
21	8.177	2132	2142	2154	rBV2	56064	96851	1.19%	0.433%
22	8.550	2245	2258	2272	rBV2	67508	119207	1.46%	0.533%
23	8.630	2272	2283	2316	rBV2	505629	1006723	12.33%	4.501%
24	9.415	2514	2527	2530	rBV	446349	661468	8.10%	2.958%
25	9.441	2531	2535	2556	rVB	554547	876567	10.74%	3.919%
26	10.753	2931	2943	2961	rBV	175381	284426	3.48%	1.272%
27	11.807	3256	3271	3289	rVB	454483	753918	9.23%	3.371%
28	12.190	3377	3390	3408	rBV	395193	695055	8.51%	3.108%

Sum of corrected areas: 22365118

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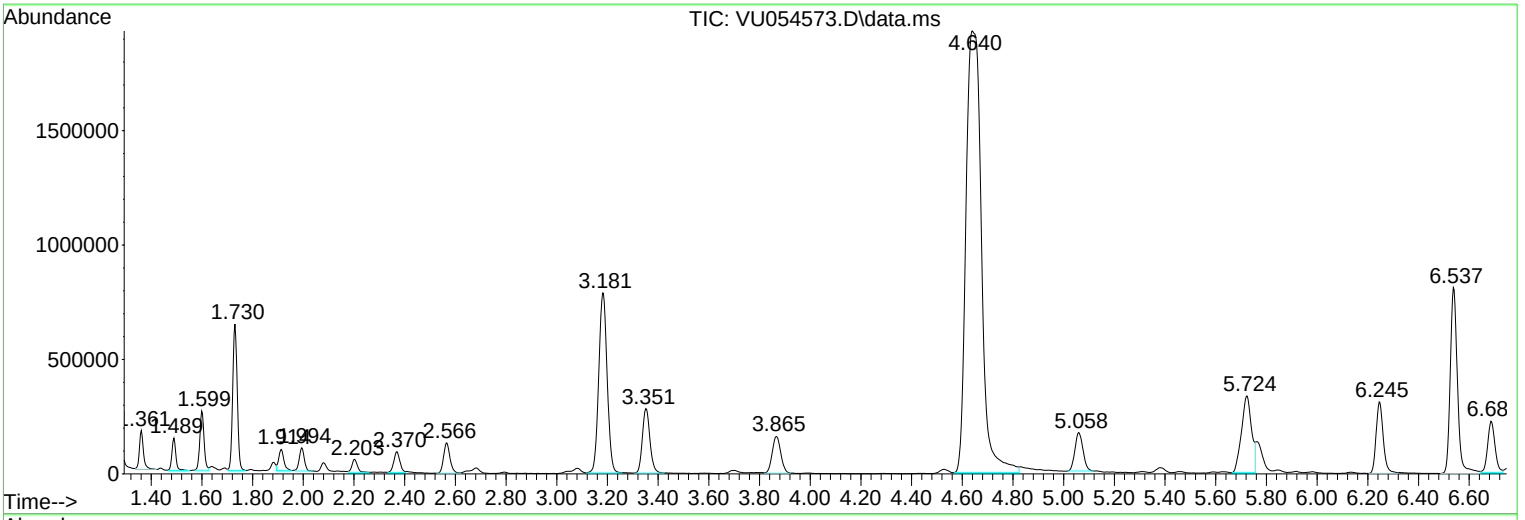
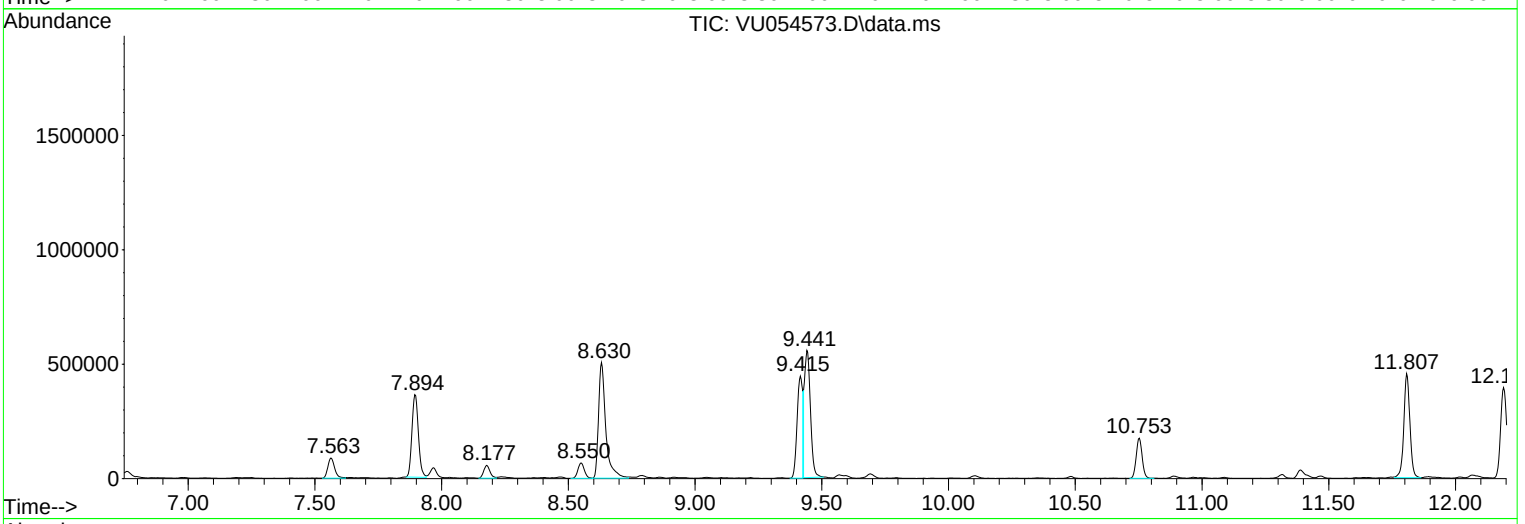
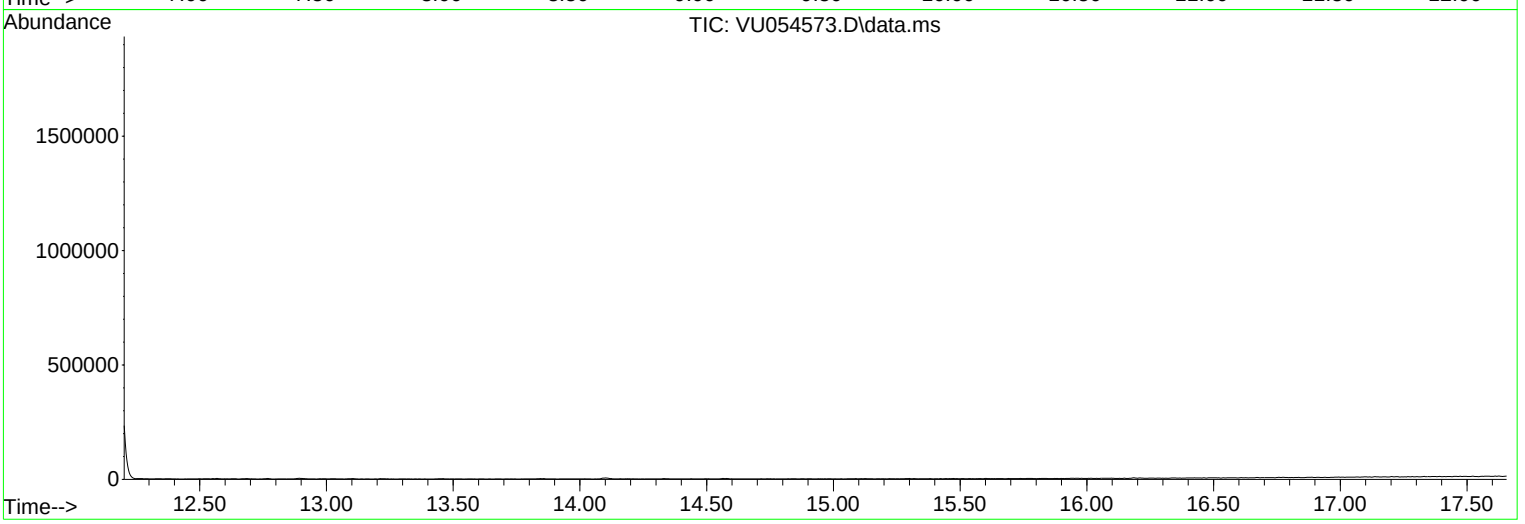
MSVOA_U
ClientSampleId :
DCGZ5

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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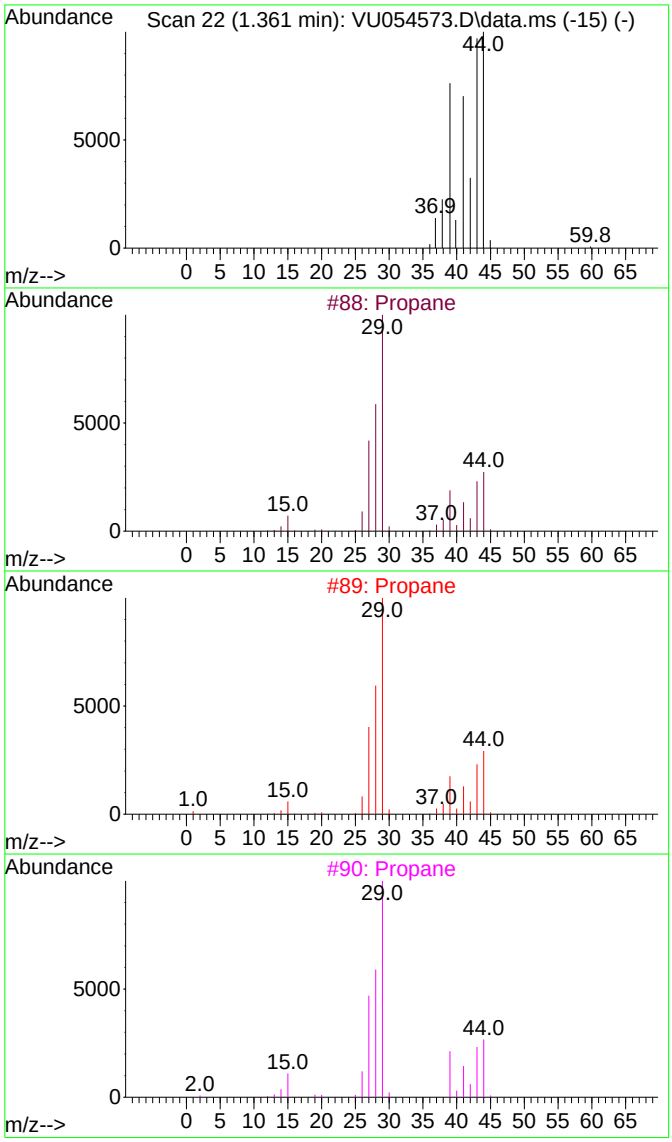
Quant Title : TRACE VOA SFAM1.0

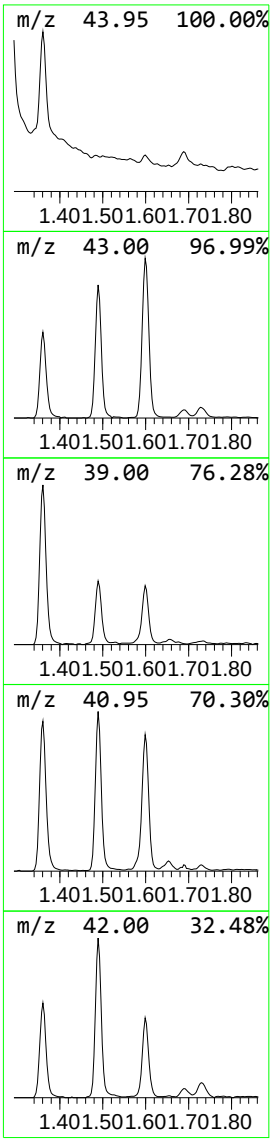
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.361	1.57 ug/L	192685	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	90
2	Propane	44	C3H8	000074-98-6	74
3	Propane	44	C3H8	000074-98-6	9
4	Propene	42	C3H6	000115-07-1	9
5	Ethylene oxide	44	C2H4O	000075-21-8	3





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Instrument :
MSVOA_U
ClientSampleId :
DCGZ5

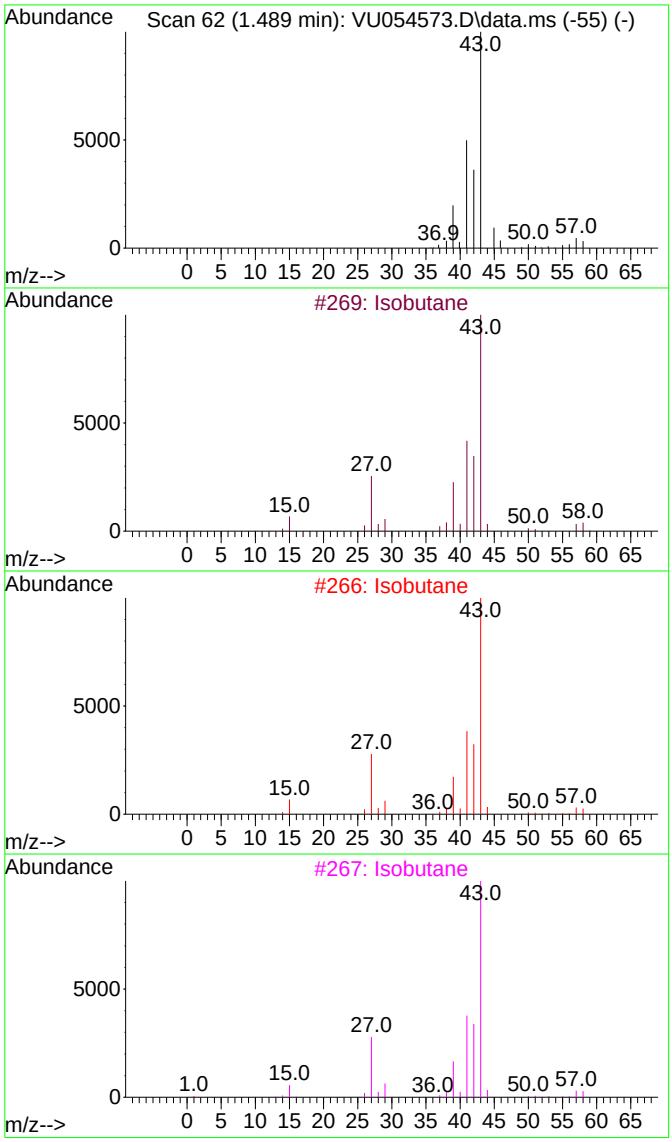
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0

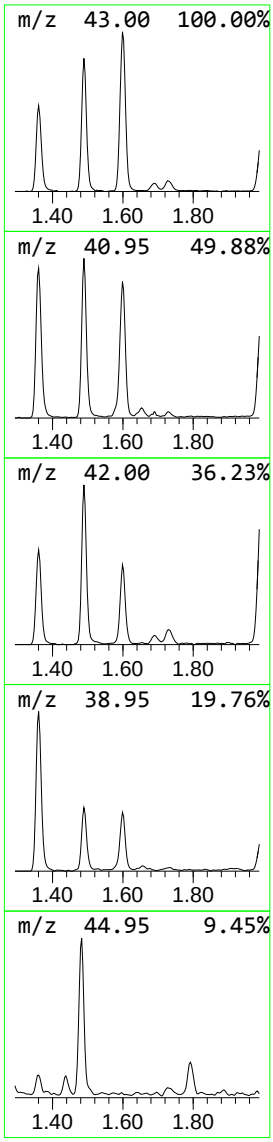
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.489	1.23 ug/L	150608	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	53
2	Isobutane	58	C4H10	000075-28-5	53
3	Isobutane	58	C4H10	000075-28-5	53
4	Isobutane	58	C4H10	000075-28-5	42
5	Isobutane	58	C4H10	000075-28-5	38





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Operator : MD/SY
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCGZ5

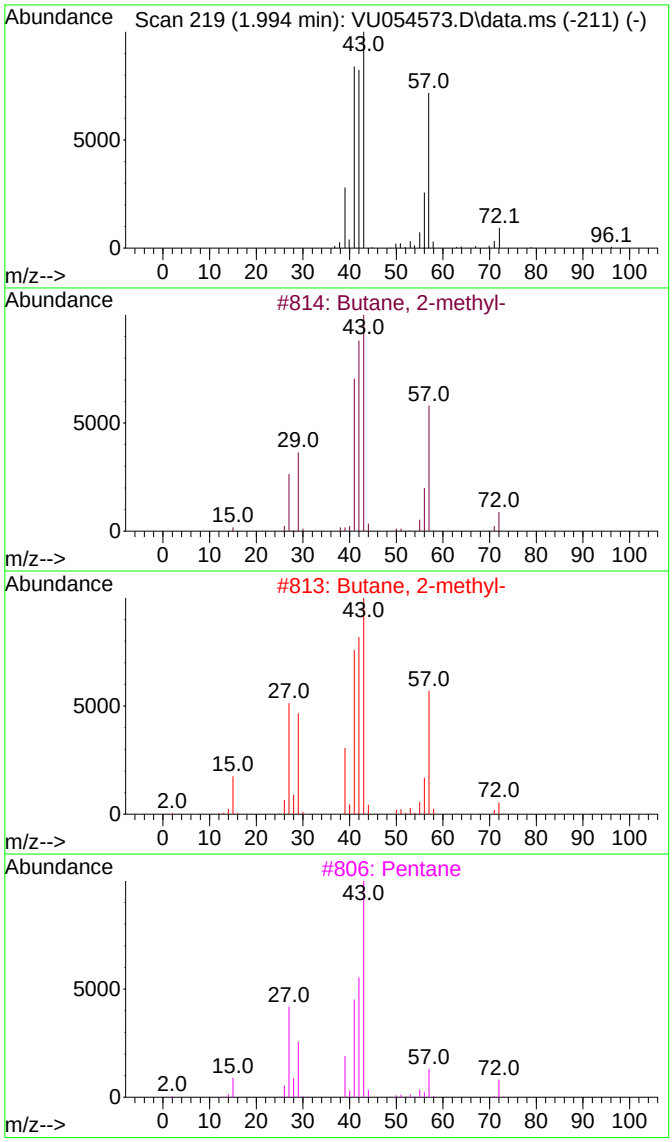
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0

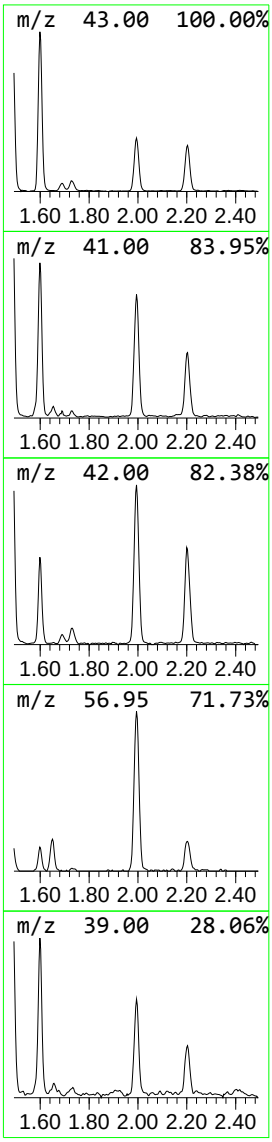
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.994	1.14 ug/L	140083	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	Pentane	72	C5H12	000109-66-0	50
4	Pentane	72	C5H12	000109-66-0	37
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	12





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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCGZ5

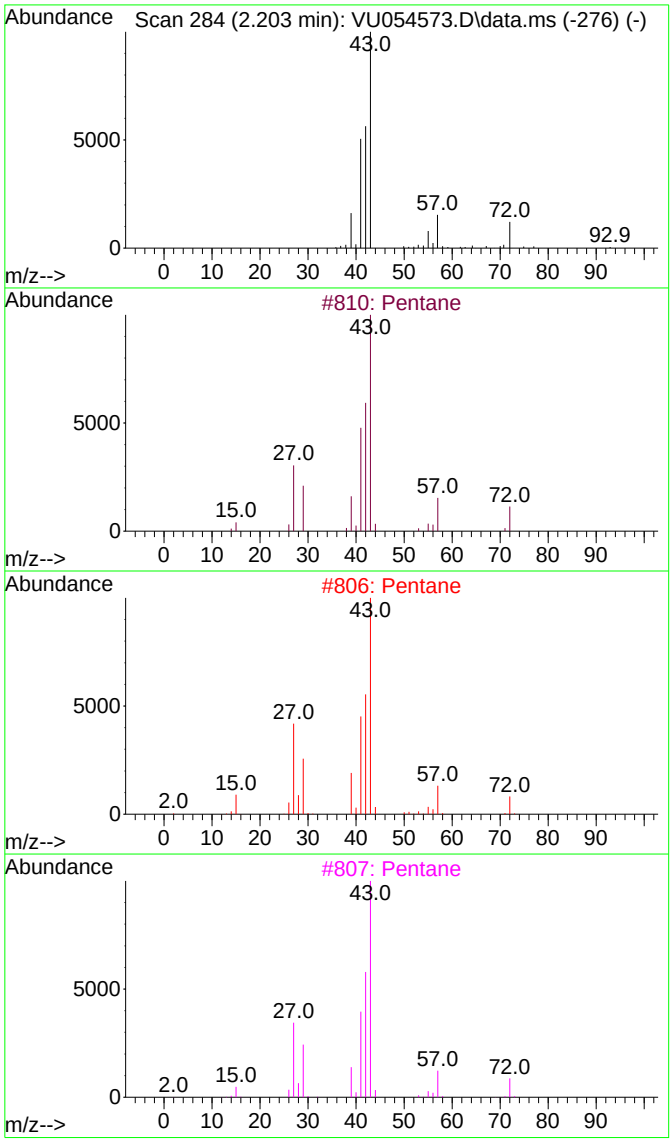
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0

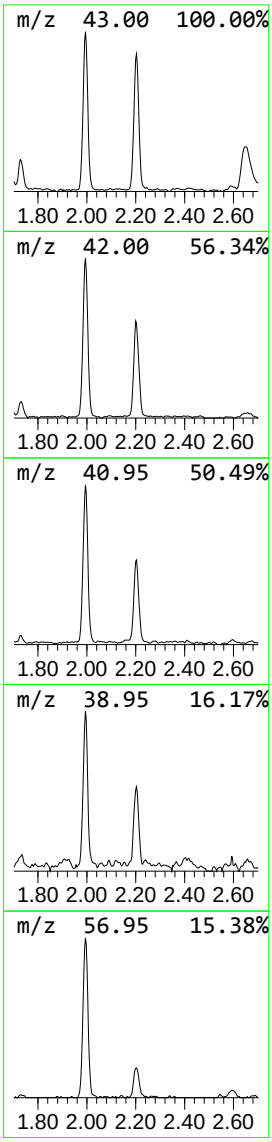
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.203	0.68 ug/L	82951	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	80
3	Pentane	72	C5H12	000109-66-0	72
4	Pentane	72	C5H12	000109-66-0	64
5	Pentane	72	C5H12	000109-66-0	42





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Operator : MD/SY
Sample : 03284-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCGZ5

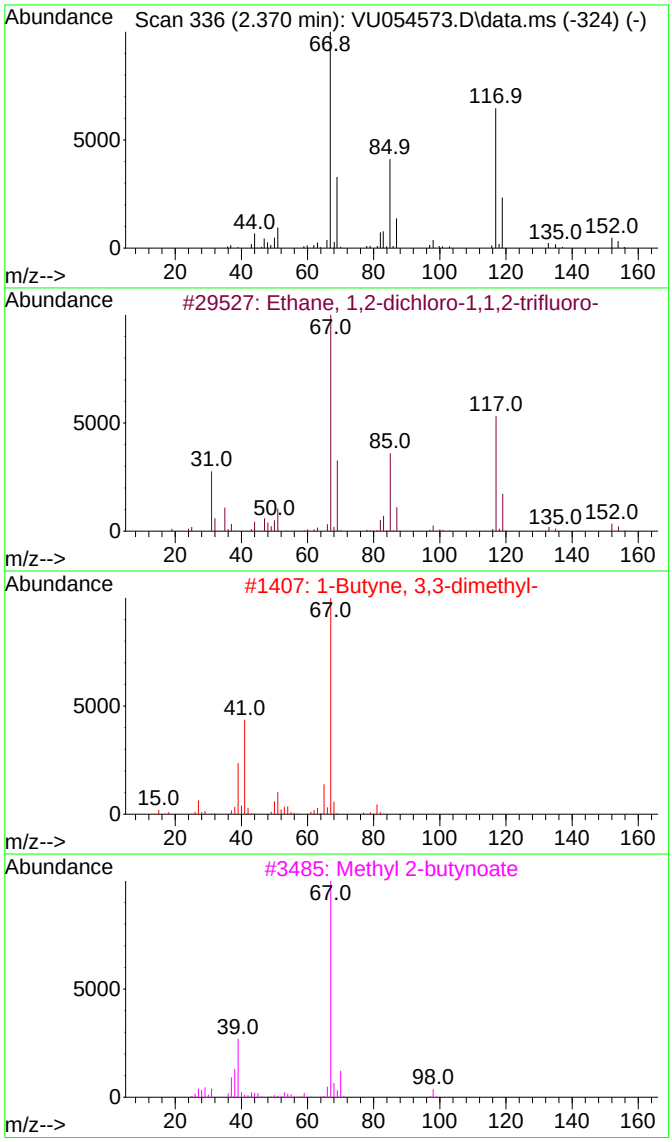
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0

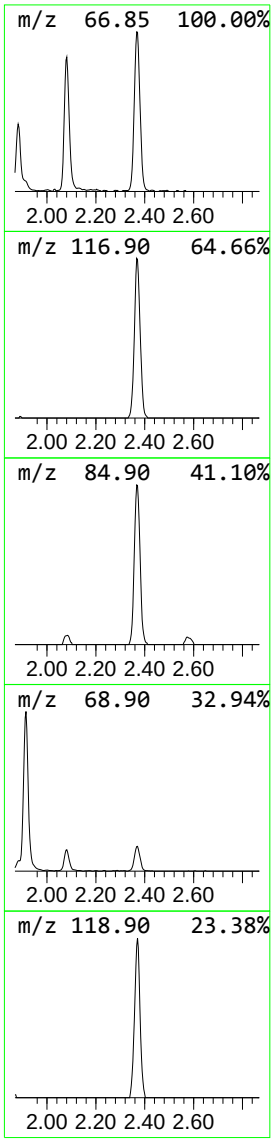
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Ethane, 1,2-dichloro-1,1,2-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.370	1.21 ug/L	148630	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	86
2	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	16
3	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9
4	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	9





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SFAM1.0

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.361	1.6	ug/L	192685	1	6.245	612328	5.0
(DEL) Alkane: S...	1.489	1.2	ug/L	150608	1	6.245	612328	5.0
(DEL) Alkane: S...	1.994	1.1	ug/L	140083	1	6.245	612328	5.0
(DEL) Alkane: S...	2.203	0.7	ug/L	82951	1	6.245	612328	5.0
Ethane, 1,2-dic...	2.370	1.2	ug/L	148630	1	6.245	612328	5.0