LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100923\
Data File : VV032355.D
Acq On : 10 Oct 2023 02:17
Operator : SY/MD
Sample : 04774-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX872

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_V\Method\SFAMVTR092923WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV032355.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.085	9	14	32	rVB	145773	194946	6.48%	1.887%
2	1.192	41	47	61	rVB	92166	84103	2.80%	0.814%
3	1.278	66	74	93	rVV	157552	174933	5.82%	1.693%
4	1.532	146	153	165	rVB	51962	61266	2.04%	0.593%
5	1.597	165	173	185	rBV	60003	75630	2.52%	0.732%
6	1.767	218	226	240	rVB	43267	59672	1.98%	0.578%
7	2.060	306	317	332	rBV2	93979	145706	4.85%	1.410%
8	2.159	332	348	367	rVB8	17790	43276	1.44%	0.419%
9	2.696	502	515	539	rBV	434731	773535	25.73%	7.488%
10	2.809	540	550	569	rVB2	18734	47922	1.59%	0.464%
11	3.815	847	863	887	rBV	1003091	2441030	81.18%	23.630%
12	3.931	891	899	932	rVB2	61480	203931	6.78%	1.974%
13	4.256	983	1000	1022	rBV2	57465	162423	5.40%	1.572%
14	4.738	1136	1150	1166	rVB	24033	55583	1.85%	0.538%
15	4.960	1204	1219	1273	rBV2	138207	426303	14.18%	4.127%
16	5.539	1386	1399	1416	rBV	112327	238593	7.93%	2.310%
17	5.834	1476	1491	1503	rBV	1536931	3006877	100.00%	29.107%
18	5.992	1530	1540	1552	rBV	73158	143449	4.77%	1.389%
19	6.921	1819	1829	1852	rBV	34581	73762	2.45%	0.714%
20	7.246	1919	1930	1945	rBV	155057	286157	9.52%	2.770%
21	7.320	1946	1953	1979	rVB	44139	90186	3.00%	0.873%
22	7.561	2019	2028	2051	rBV	21391	48541	1.61%	0.470%
23	8.031	2164	2174	2212	rBV	215821	452993	15.07%	4.385%
24	8.789	2399	2410	2430	rBV	173156	304953	10.14%	2.952%
25	9.079	2491	2500	2516	rBV2	23432	41409	1.38%	0.401%
26	10.156	2825	2835	2854	rBV	65830	108149	3.60%	1.047%
27	11.188	3145	3156	3173	rBV	169362	269928	8.98%	2.613%
28	11.490	3238	3250	3263	rBV2	31983	70524	2.35%	0.683%
29	11.564	3263	3273	3290	rVB	150570	244548	8.13%	2.367%

Sum of corrected areas: 10330328

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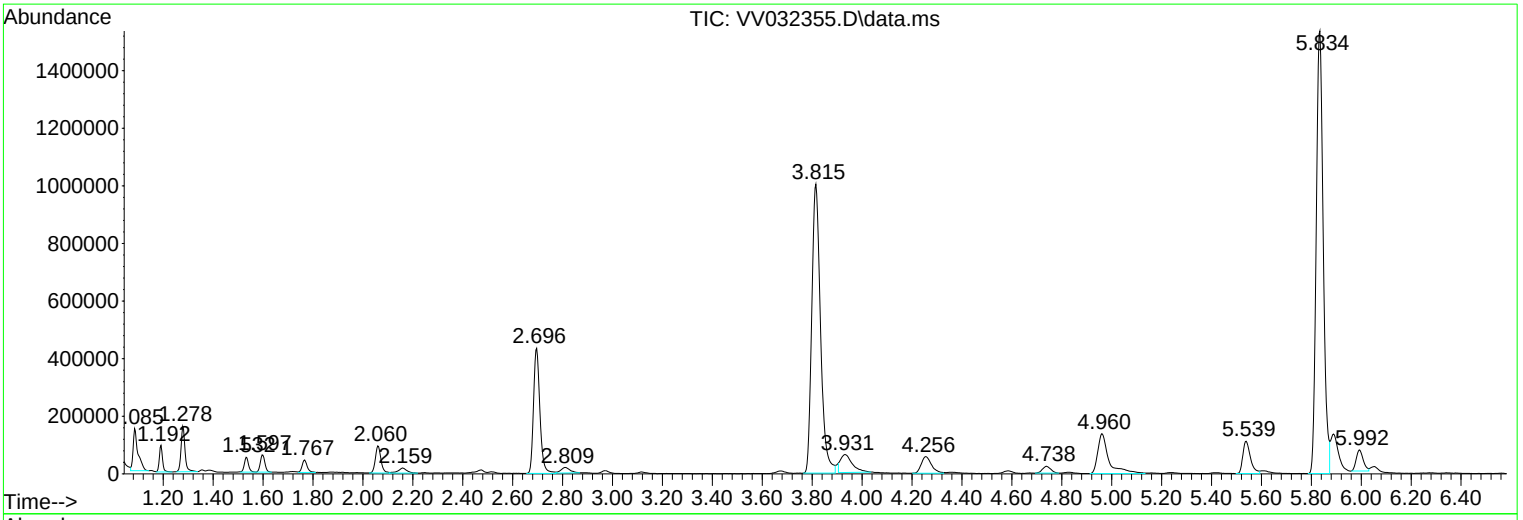
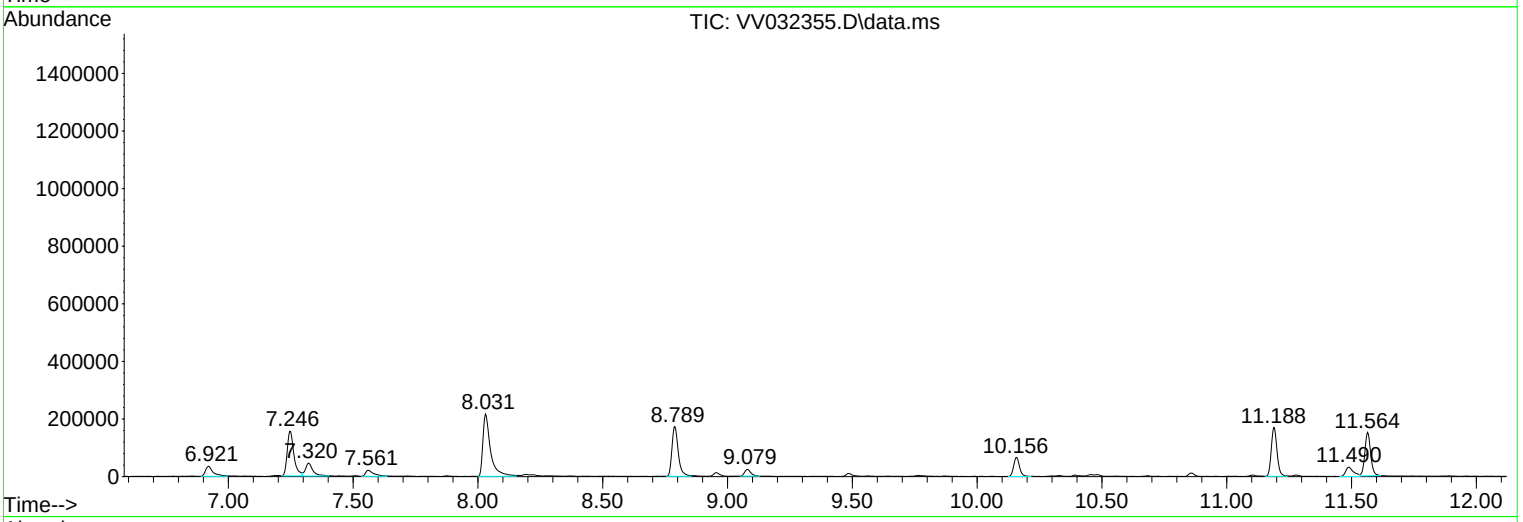
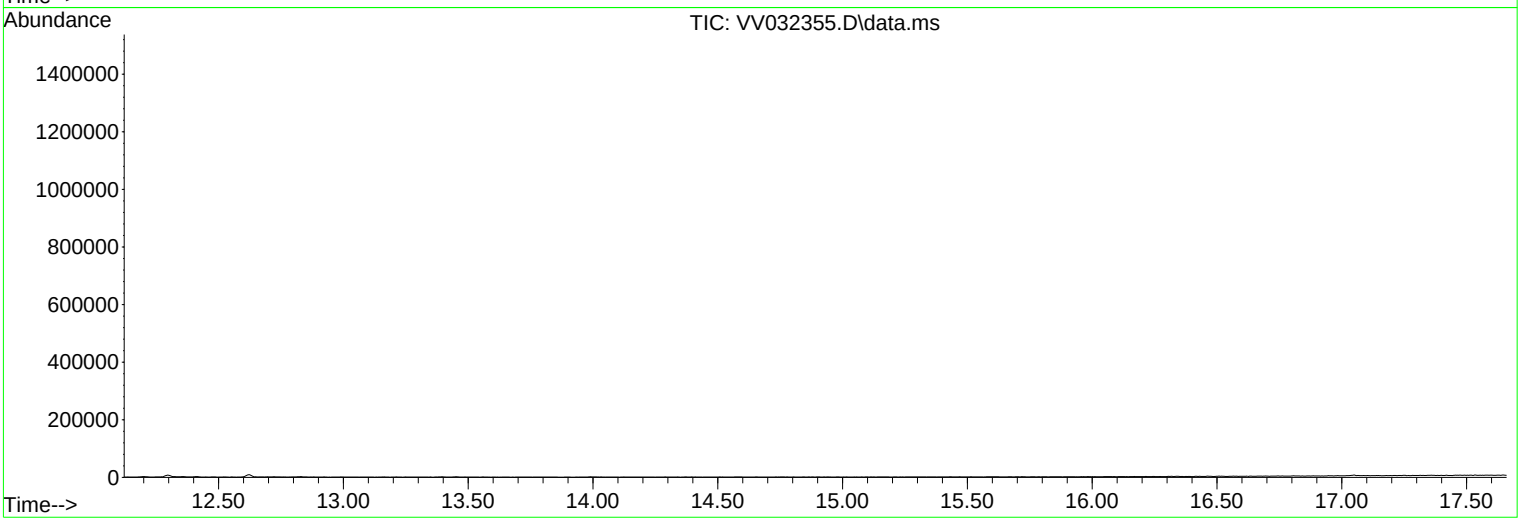
Instrument :
MSVOA_V
ClientSampleId :
EX872

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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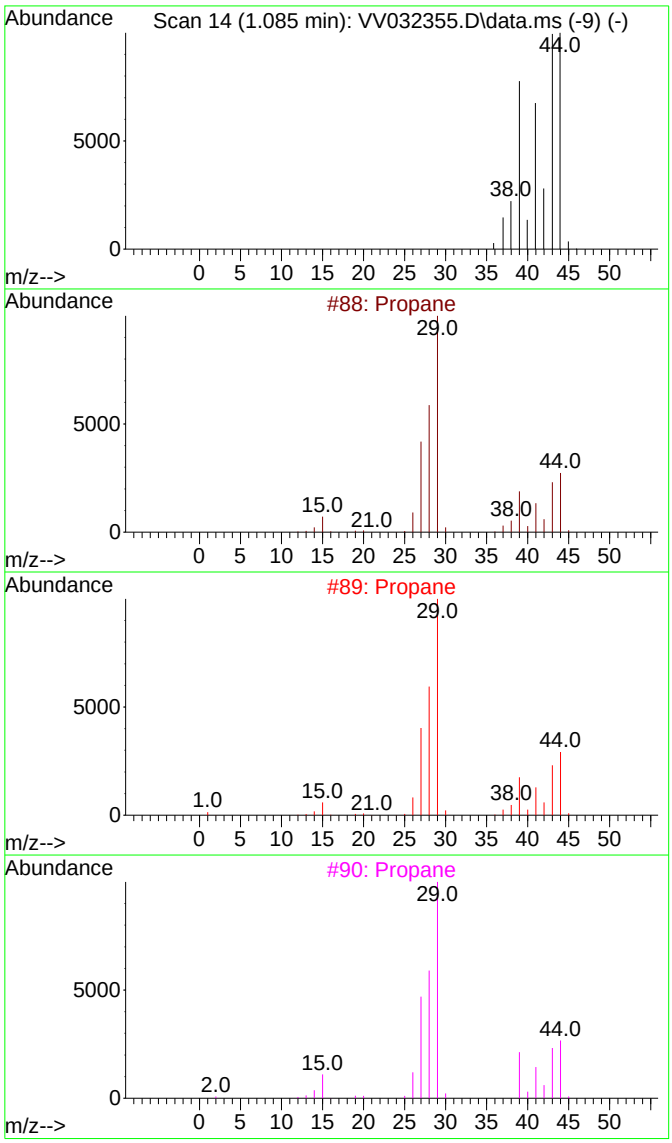
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

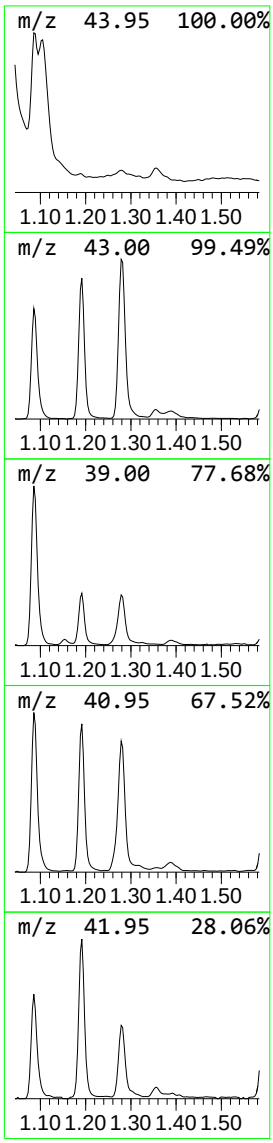
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.085	4.09 ug/L	194946	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	Ethylene oxide	44	C2H4O	000075-21-8	5





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MSVOA_V
ClientSampleId :
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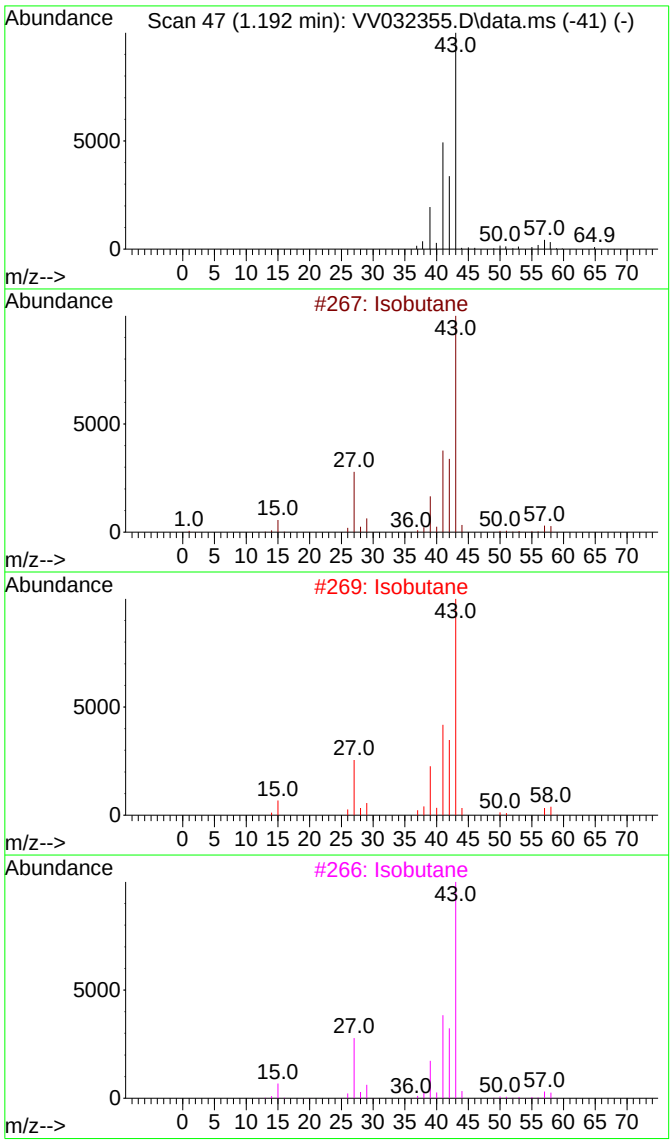
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

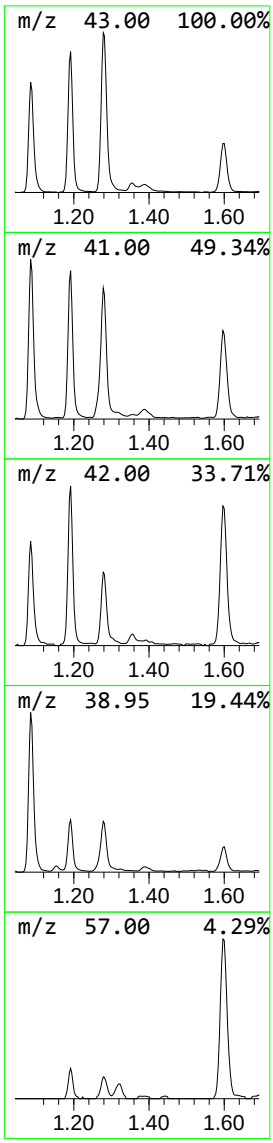
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.192	1.76 ug/L	84103	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	64
2	Isobutane	58	C4H10	000075-28-5	59
3	Isobutane	58	C4H10	000075-28-5	59
4	Isobutane	58	C4H10	000075-28-5	59
5	Isobutane	58	C4H10	000075-28-5	9





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ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX872

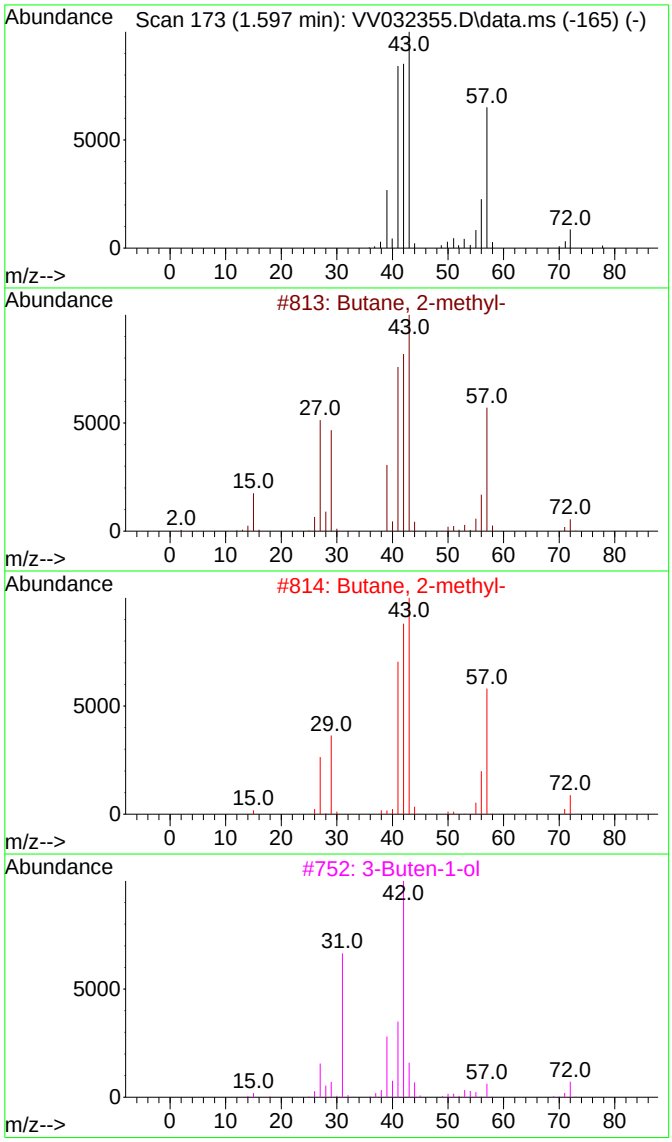
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

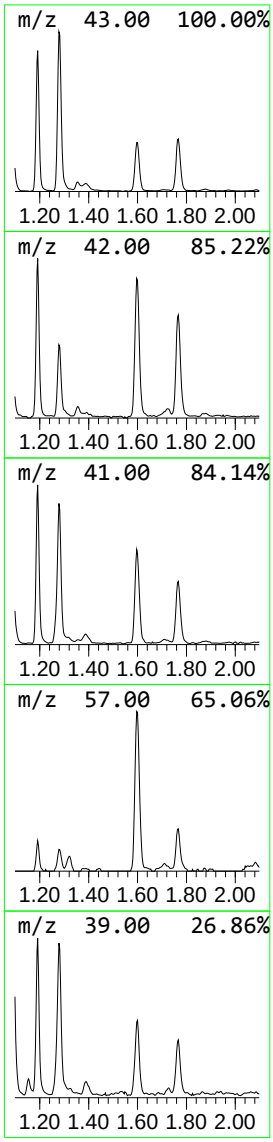
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.597	1.58 ug/L	75630	1,4-Difluorobenzene	5.539

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	86
3	3-Buten-1-ol	72	C4H8O	000627-27-0	38
4	Pentane	72	C5H12	000109-66-0	36
5	1-Butene	56	C4H8	000106-98-9	18





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Instrument :
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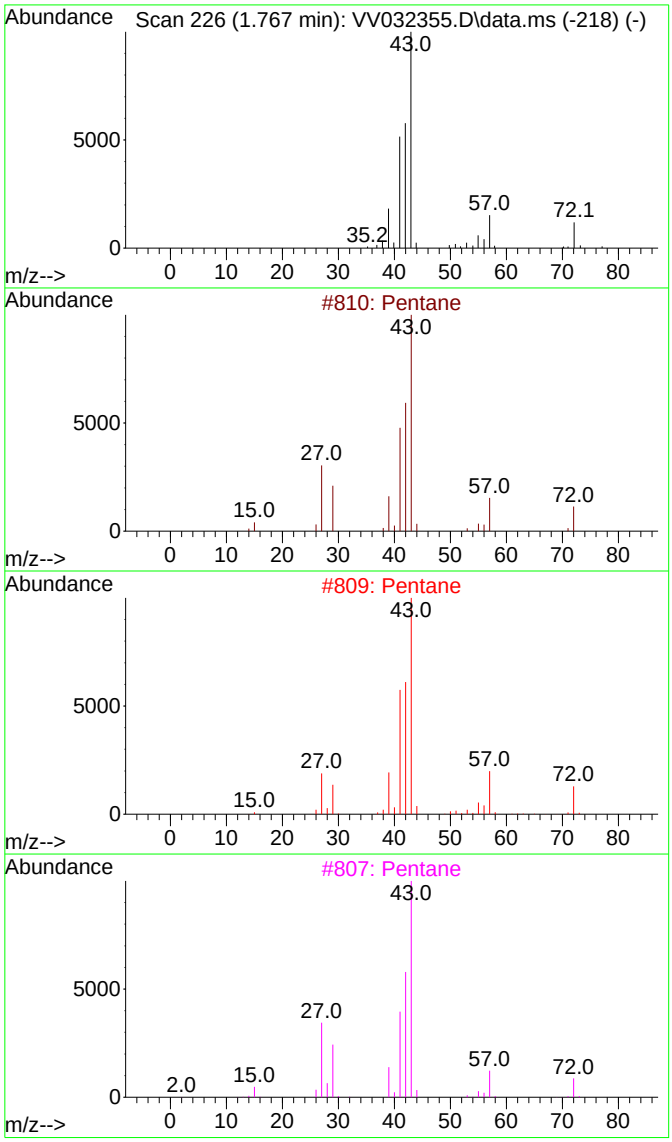
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

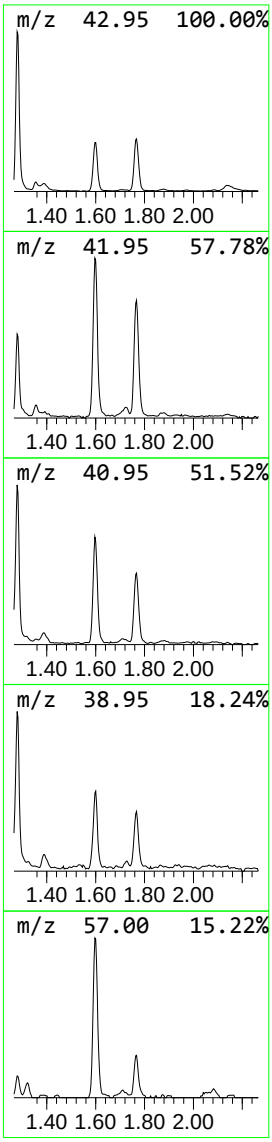
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.767	1.25 ug/L	59672	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	83
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	80
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	72





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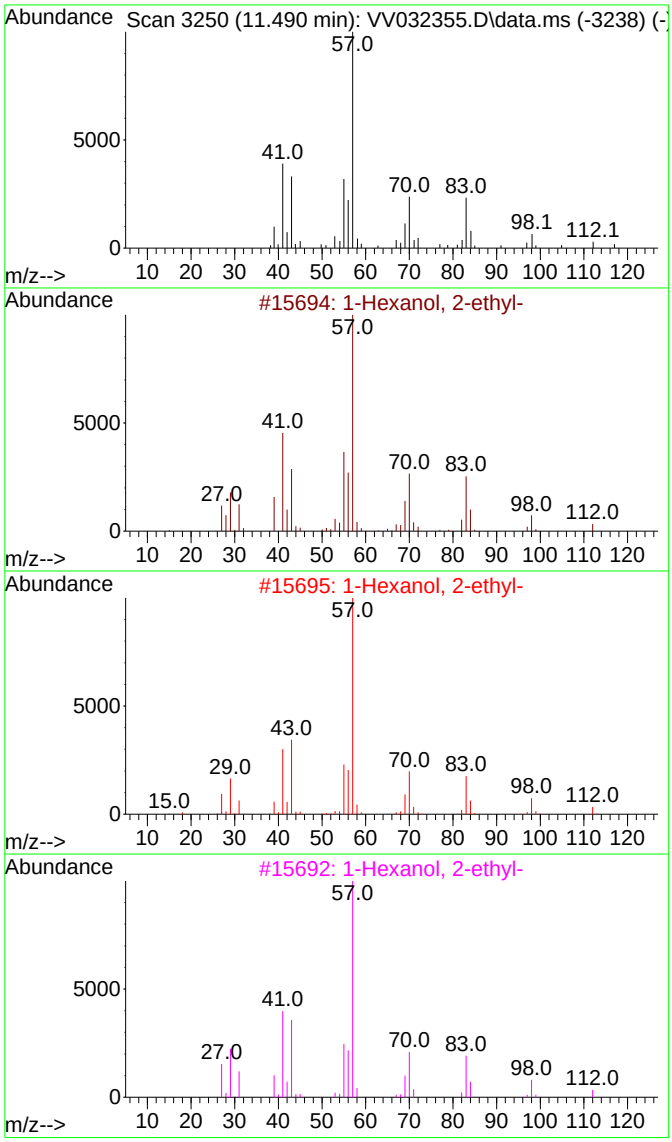
Quant Title : TRACE VOA SFAM1.0

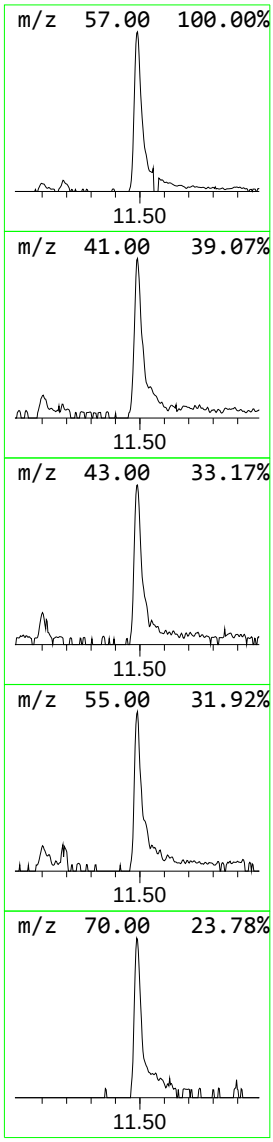
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.490	1.31 ug/L	70524	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.085	4.1	ug/L	194946	1	5.539	238593	5.0
(DEL) Alkane: S...	1.192	1.8	ug/L	84103	1	5.539	238593	5.0
(DEL) Alkane: S...	1.597	1.6	ug/L	75630	1	5.539	238593	5.0
(DEL) Alkane: S...	1.767	1.3	ug/L	59672	1	5.539	238593	5.0
1-Hexanol, 2-et...	11.490	1.3	ug/L	70524	3	11.191	269928	5.0