LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
Data File : VV034104.D
Acq On : 09 Feb 2024 12:02
Operator : SY/MD
Sample : P1383-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YB5

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\SFAMVTR012524WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV034104.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.089	9	15	31	rVB	39375	40483	14.40%	1.583%
2	1.191	41	47	60	rBV	28583	26489	9.42%	1.036%
3	1.278	66	74	93	rVB	82703	90130	32.05%	3.524%
4	1.532	145	153	165	rBV	39151	45904	16.32%	1.795%
5	1.597	165	173	186	rVB	21461	27278	9.70%	1.066%
6	1.767	218	226	239	rVB	14838	19525	6.94%	0.763%
7	2.060	307	317	331	rBV	82799	120173	42.74%	4.698%
8	2.471	434	445	452	rBV6	2142	4682	1.67%	0.183%
9	2.516	454	459	469	rVB3	2039	3213	1.14%	0.126%
10	2.699	506	516	524	rVB5	2046	3958	1.41%	0.155%
11	2.973	591	601	611	rBV4	2441	5023	1.79%	0.196%
12	3.674	804	819	830	rBV4	2705	6696	2.38%	0.262%
13	3.796	849	857	882	rBV	24784	67727	24.09%	2.648%
14	4.252	984	999	1031	rBV2	46228	119527	42.51%	4.673%
15	4.584	1090	1102	1115	rBV7	2954	6858	2.44%	0.268%
16	4.960	1205	1219	1249	rBV3	107860	281195	100.00%	10.993%
17	5.535	1388	1398	1427	rBV	87212	181467	64.53%	7.094%
18	5.992	1527	1540	1555	rBV2	58460	121774	43.31%	4.761%
19	6.918	1819	1828	1847	rBV2	30572	57605	20.49%	2.252%
20	7.246	1920	1930	1947	rBV	136289	242667	86.30%	9.487%
21	7.323	1947	1954	1969	rVB	16119	30111	10.71%	1.177%
22	7.561	2019	2028	2044	rBV	16327	30034	10.68%	1.174%
23	8.027	2164	2173	2209	rBV	105737	213168	75.81%	8.334%
24	8.194	2215	2225	2231	rBV7	2936	4096	1.46%	0.160%
25	8.786	2399	2409	2439	rBV	139237	229275	81.54%	8.963%
26	8.960	2455	2463	2472	rBV3	3088	5228	1.86%	0.204%
27	9.088	2493	2503	2510	rBV3	4273	7033	2.50%	0.275%
28	10.156	2825	2835	2853	rBV	37519	60221	21.42%	2.354%
29	11.188	3145	3156	3179	rBV	145978	229377	81.57%	8.967%
30	11.484	3238	3248	3262	rBV2	32494	63421	22.55%	2.479%
31	11.561	3262	3272	3293	rVB	131625	210185	74.75%	8.217%
32	12.291	3494	3499	3508	rBV5	2388	3357	1.19%	0.131%

Sum of corrected areas: 2557880

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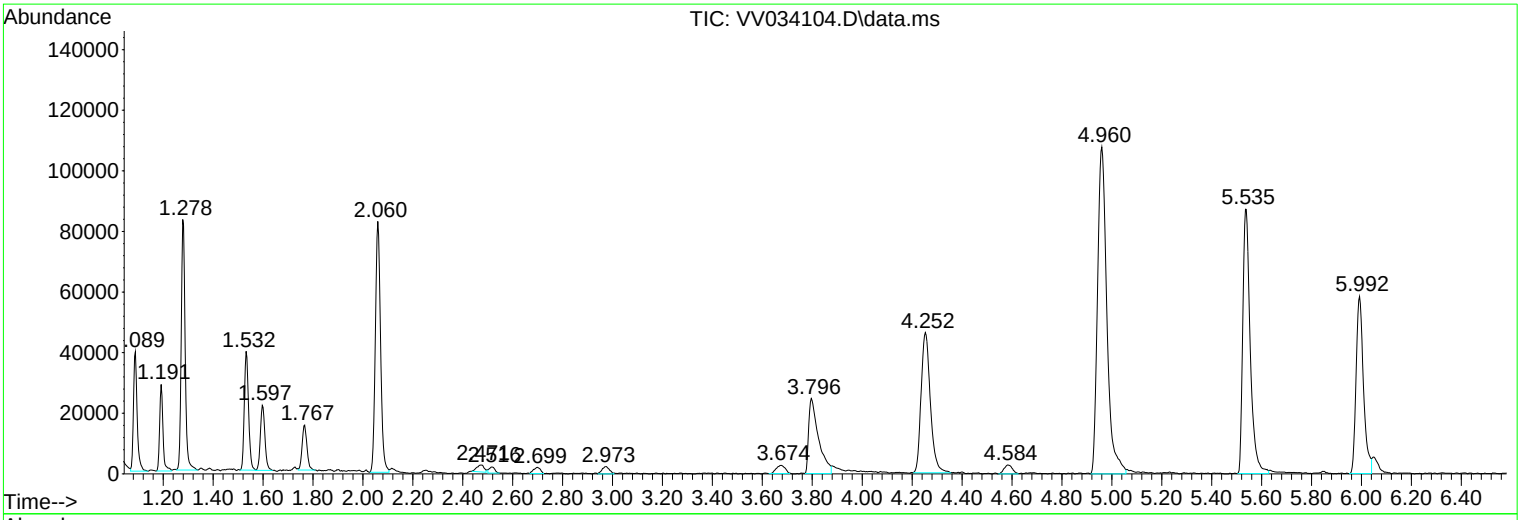
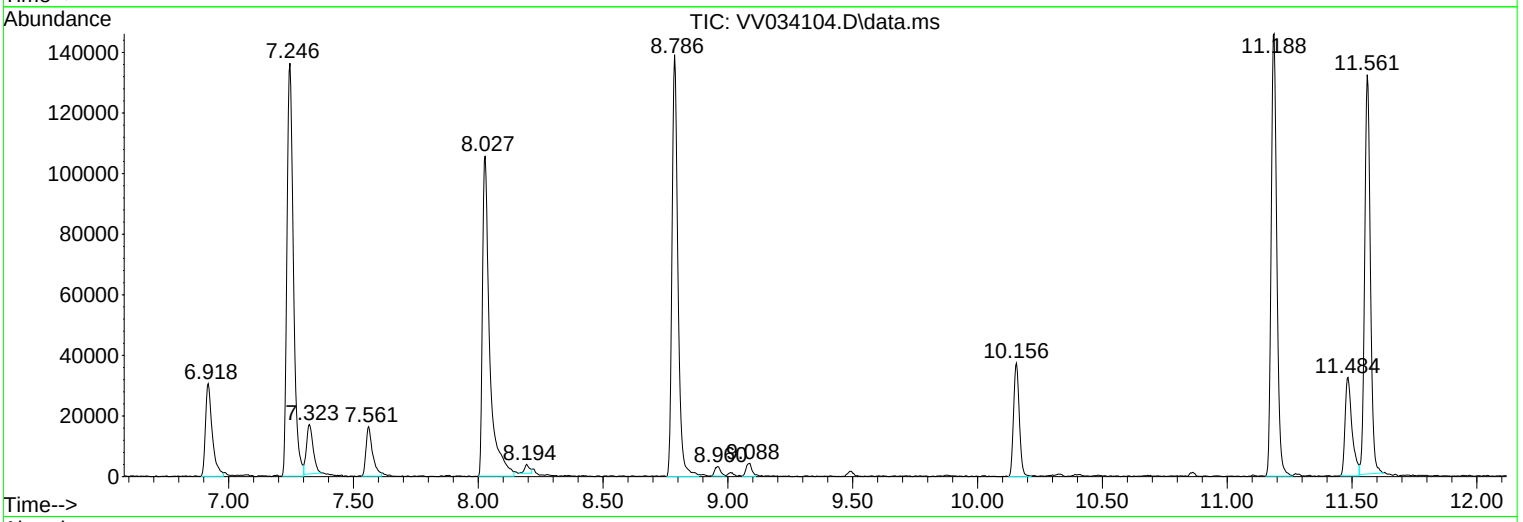
ALS Vial : 10 Sample Multiplier: 1

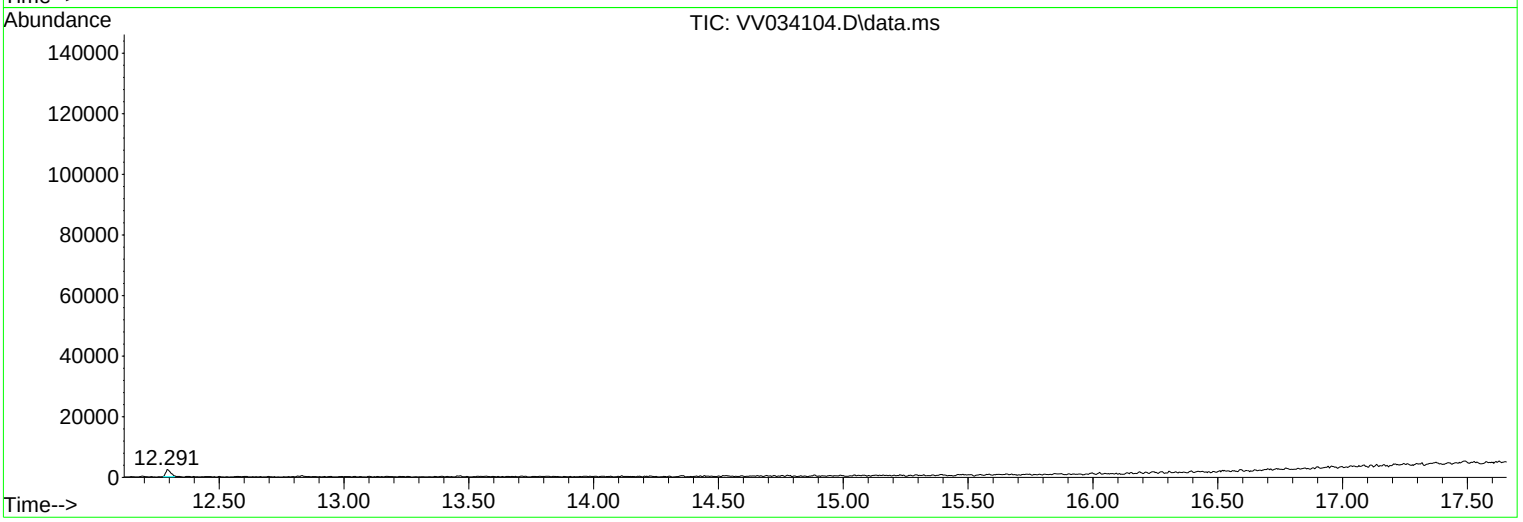
Instrument :
MSVOA_V
ClientSampleId :
E0YB5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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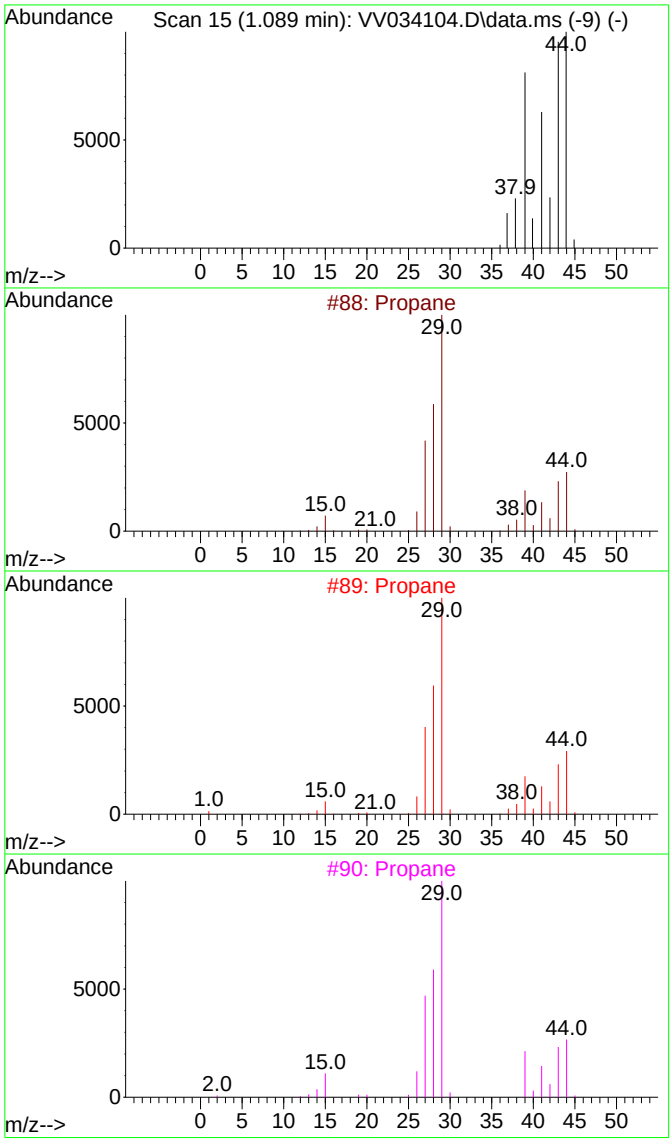
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

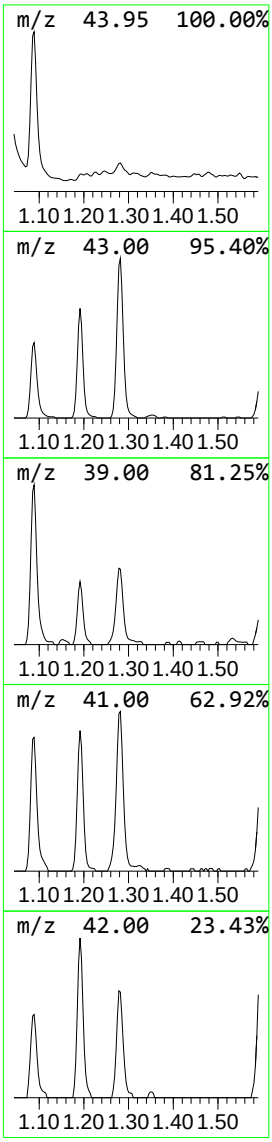
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.089	1.12 ug/L	40483	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	Acetaldehyde	44	C2H4O	000075-07-0	5
5	Propene	42	C3H6	000115-07-1	4





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Sample : P1383-12
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YB5

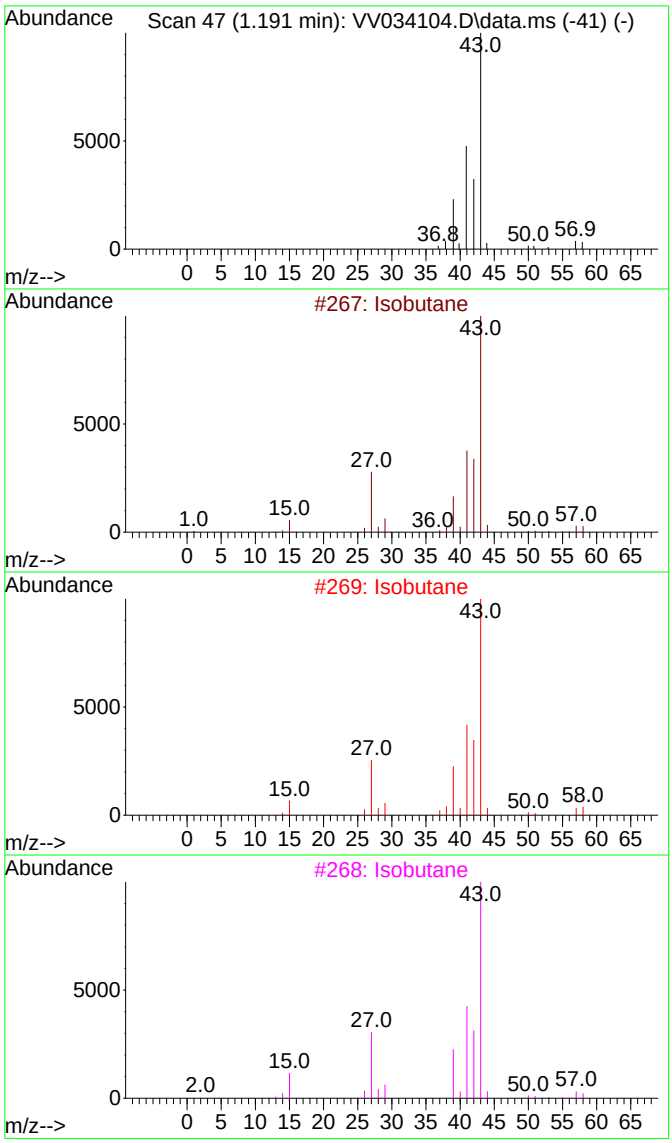
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

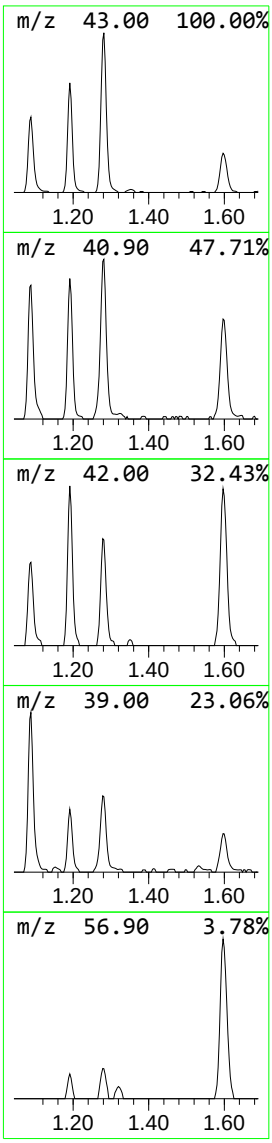
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.191	0.73 ug/L	26489	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	72
3	Isobutane	58	C4H10	000075-28-5	72
4	Isobutane	58	C4H10	000075-28-5	72
5	Isobutane	58	C4H10	000075-28-5	45





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Sample : P1383-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YB5

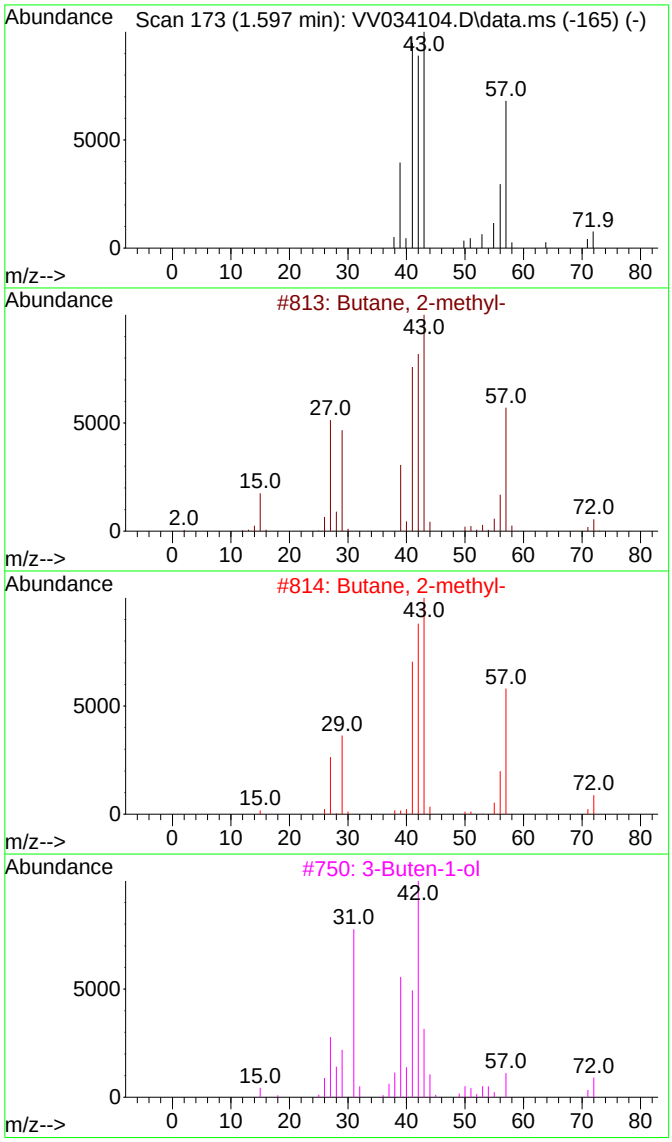
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

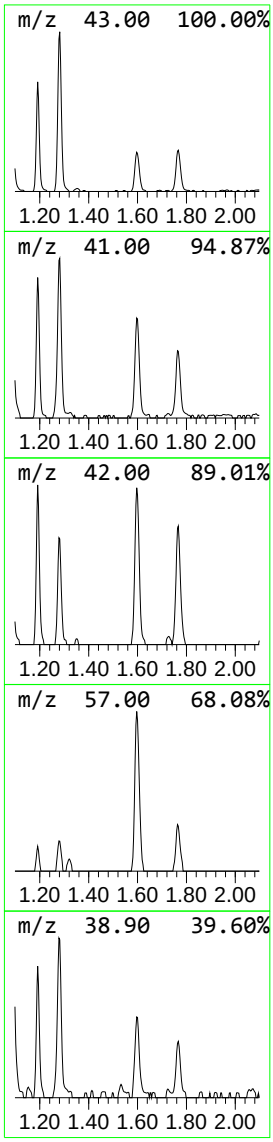
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.597	0.75 ug/L	27278	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	58
2	Butane, 2-methyl-	72	C5H12	000078-78-4	40
3	3-Buten-1-ol	72	C4H8O	000627-27-0	36
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	27
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	16





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Acq On : 09 Feb 2024 12:02
Operator : SY/MD
Sample : P1383-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YB5

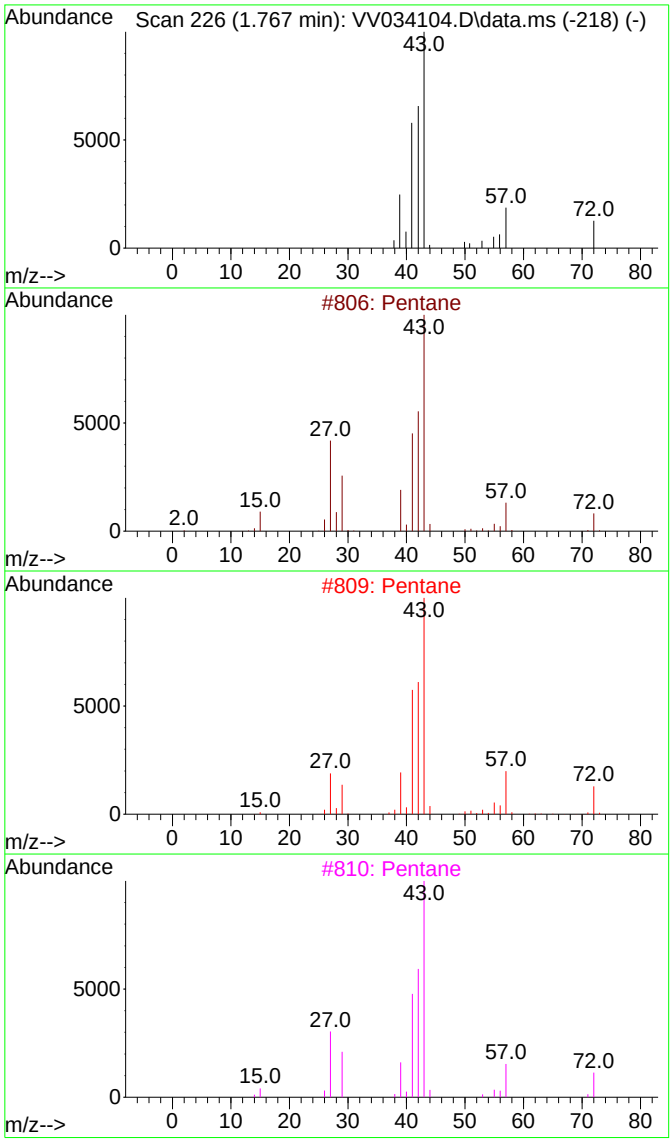
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

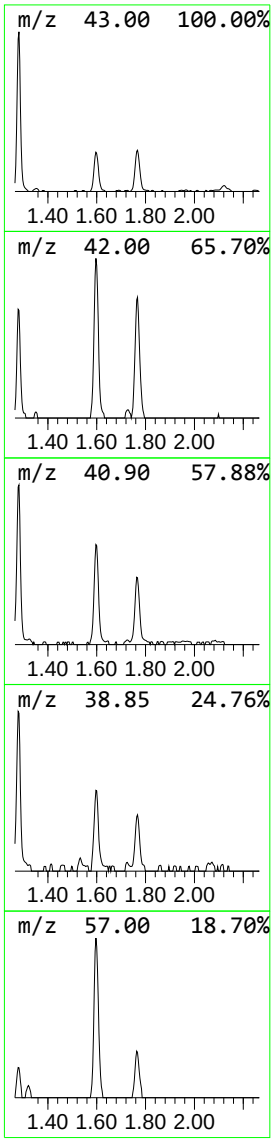
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.767	0.54 ug/L	19525	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	90
2	Pentane	72	C5H12	000109-66-0	90
3	Pentane	72	C5H12	000109-66-0	90
4	Pentane	72	C5H12	000109-66-0	72
5	Pentane	72	C5H12	000109-66-0	72





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Operator : SY/MD
Sample : P1383-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YB5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

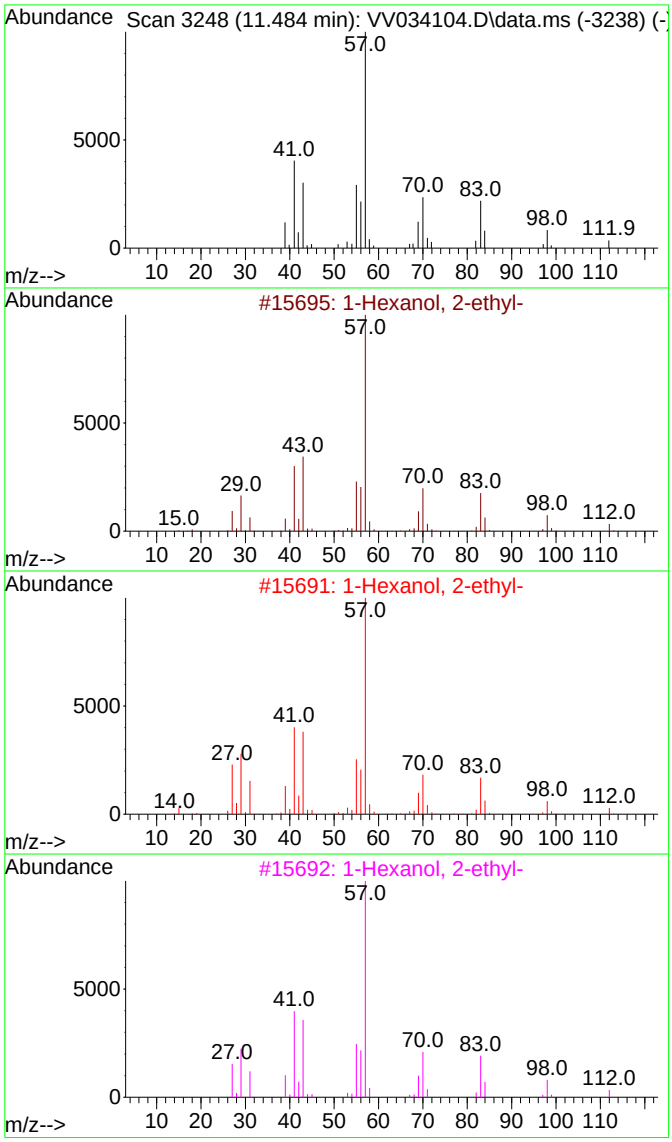
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

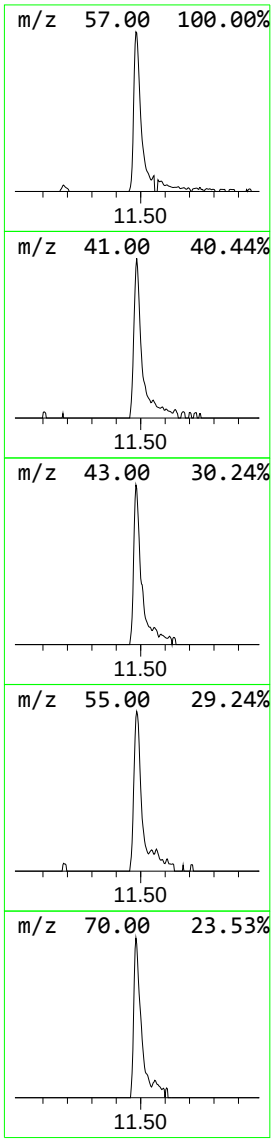
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.484	1.38 ug/L	63421	1,4-Dichlorobenzene-d4	11.188

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	90
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SFAM1.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.089	1.1	ug/L	40483	1	5.539	181467	5.0
(DEL) Alkane: S...	1.191	0.7	ug/L	26489	1	5.539	181467	5.0
(DEL) Alkane: S...	1.597	0.8	ug/L	27278	1	5.539	181467	5.0
(DEL) Alkane: S...	1.767	0.5	ug/L	19525	1	5.539	181467	5.0
1-Hexanol, 2-et...	11.484	1.4	ug/L	63421	3	11.188	229377	5.0