LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034031.D
Acq On : 07 Feb 2024 15:18
Operator : SY/MD
Sample : P1383-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YB2

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: VV034031.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	8	15	31	rVB	183108	184594	58.62%	5.115%
2	1.191	41	47	63	rVB	78263	70210	22.30%	1.945%
3	1.281	65	75	84	rBV	148514	170175	54.04%	4.715%
4	1.355	93	98	103	rVV	3124	3352	1.06%	0.093%
5	1.388	104	108	117	rVB4	2670	3534	1.12%	0.098%
6	1.532	145	153	165	rVV	36632	44027	13.98%	1.220%
7	1.597	165	173	186	rVB	58416	74472	23.65%	2.064%
8	1.728	206	214	219	rBV	6450	8296	2.63%	0.230%
9	1.767	219	226	241	rVB	40681	54659	17.36%	1.515%
10	2.060	307	317	331	rBV	73773	109340	34.72%	3.030%
11	2.127	331	338	352	rVB	4086	8061	2.56%	0.223%
12	2.474	424	446	453	rBV3	10499	25042	7.95%	0.694%
13	2.516	453	459	470	rVB2	7242	12480	3.96%	0.346%
14	2.699	504	516	529	rBV3	13258	24652	7.83%	0.683%
15	2.886	561	574	585	rBV6	1791	3385	1.07%	0.094%
16	2.970	589	600	615	rVB3	9679	19139	6.08%	0.530%
17	3.674	804	819	836	rVB4	10598	26661	8.47%	0.739%
18	3.812	845	862	889	rBV3	50196	165742	52.64%	4.593%
19	4.252	982	999	1025	rBV2	47087	122965	39.05%	3.407%
20	4.584	1089	1102	1119	rVB6	10032	25058	7.96%	0.694%
21	4.828	1161	1178	1189	rBV7	2840	7517	2.39%	0.208%
22	4.960	1205	1219	1254	rBV3	108826	314885	100.00%	8.725%
23	5.243	1293	1307	1319	rVB5	3311	7252	2.30%	0.201%
24	5.413	1352	1360	1379	rBV5	4053	8506	2.70%	0.236%
25	5.535	1388	1398	1420	rBV	94515	194785	61.86%	5.397%
26	5.841	1483	1493	1508	rBV2	19633	40652	12.91%	1.126%
27	5.992	1527	1540	1552	rBV2	60010	125110	39.73%	3.467%
28	6.243	1609	1618	1622	rBV4	1973	3343	1.06%	0.093%
29	6.320	1635	1642	1656	rVB3	6984	12419	3.94%	0.344%
30	6.918	1817	1828	1851	rBV3	28553	55371	17.58%	1.534%
31	7.191	1904	1913	1919	rBV5	2987	5442	1.73%	0.151%
32	7.246	1919	1930	1944	rVV	132143	238539	75.75%	6.610%
33	7.320	1944	1953	1980	rVB	81947	149305	47.42%	4.137%
34	7.506	2000	2011	2019	rBV5	2968	4177	1.33%	0.116%
35	7.561	2020	2028	2046	rBV	16246	33057	10.50%	0.916%
36	8.027	2163	2173	2208	rBV	127108	253149	80.39%	7.015%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034031.D
Acq On : 07 Feb 2024 15:18
Operator : SY/MD
Sample : P1383-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YB2

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

37	8.182	2211	2221	2243	rVB4	20209	41814	13.28%	1.159%
38	8.786	2397	2409	2443	rBV	145654	244711	77.71%	6.781%
39	8.953	2449	2461	2473	rBV	16881	26701	8.48%	0.740%
40	9.079	2490	2500	2512	rBV2	18549	31547	10.02%	0.874%
41	9.484	2616	2626	2634	rBV	9054	14713	4.67%	0.408%
42	9.760	2707	2712	2727	rVB5	2256	4446	1.41%	0.123%
43	10.156	2825	2835	2848	rBV	41238	65068	20.66%	1.803%
44	10.300	2870	2880	2882	rBV2	2442	3182	1.01%	0.088%
45	10.326	2882	2888	2900	rVB2	4036	6147	1.95%	0.170%
46	10.390	2900	2908	2914	rBV2	3713	5944	1.89%	0.165%
47	10.480	2923	2936	2945	rVB5	2321	4684	1.49%	0.130%
48	10.680	2991	2998	3005	rBV3	2229	3383	1.07%	0.094%
49	10.857	3044	3053	3068	rBV2	9796	14734	4.68%	0.408%
50	11.101	3119	3129	3136	rBV3	6094	9688	3.08%	0.268%
51	11.188	3146	3156	3177	rBV	156217	243618	77.37%	6.751%
52	11.278	3177	3184	3194	rVB3	3603	5362	1.70%	0.149%
53	11.490	3238	3250	3262	rBV2	17026	36749	11.67%	1.018%
54	11.561	3263	3272	3293	rVB	130860	212575	67.51%	5.890%
55	12.291	3491	3499	3513	rBV2	15956	24427	7.76%	0.677%

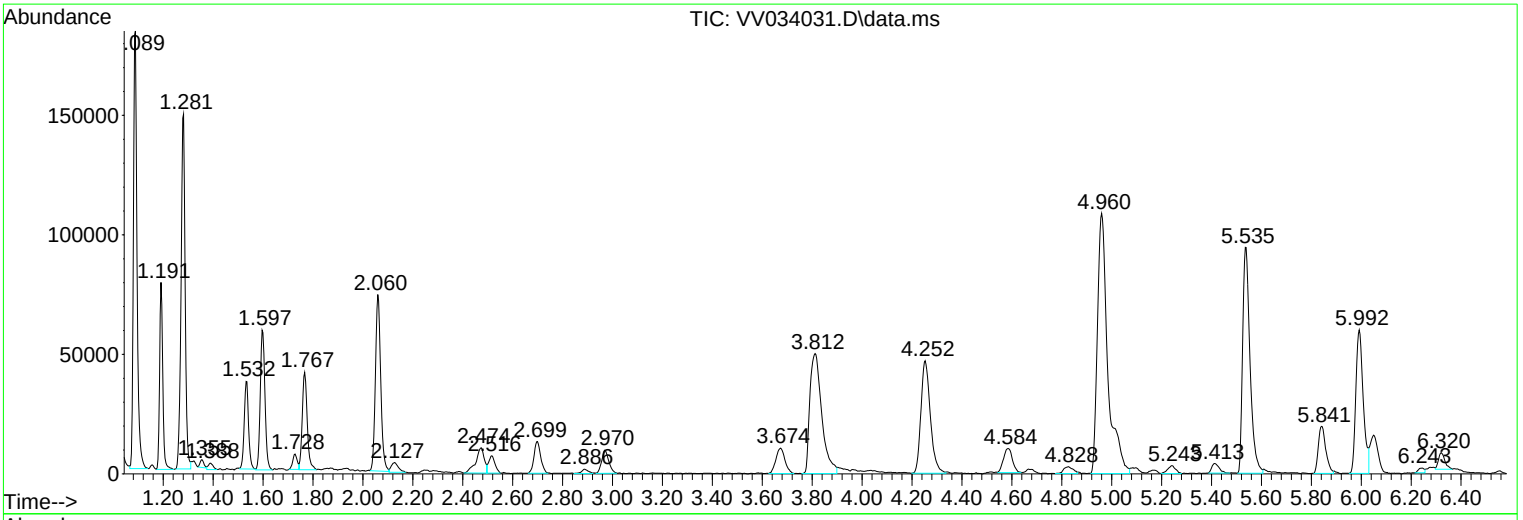
Sum of corrected areas: 3608846

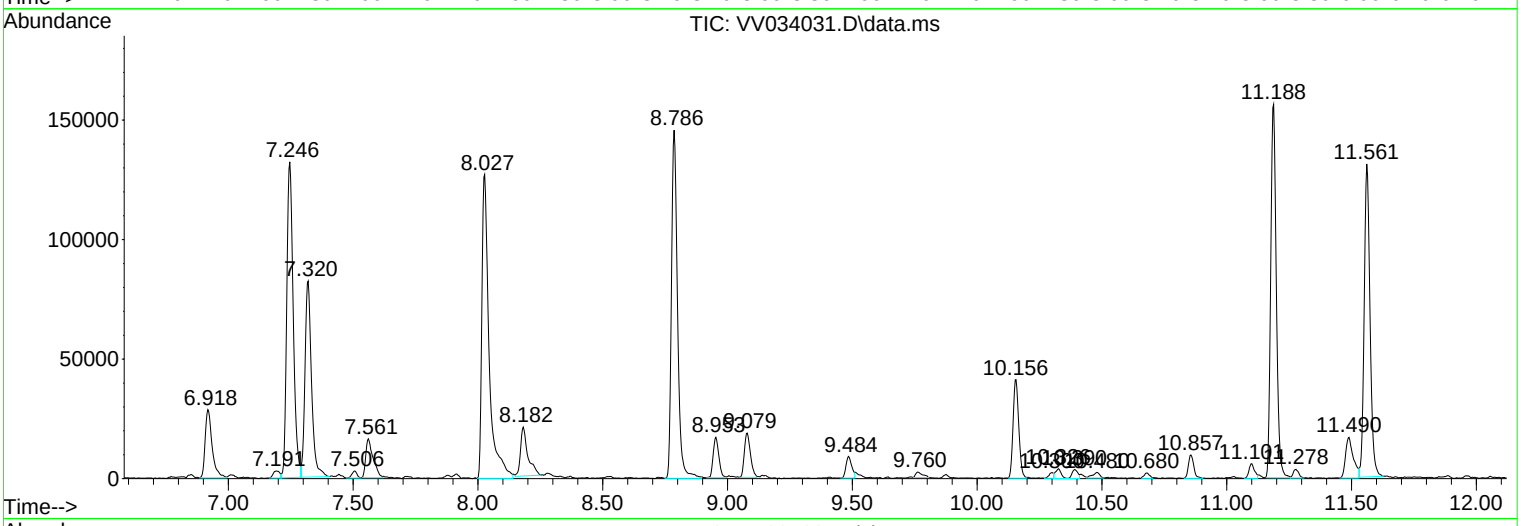
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034031.D
Acq On : 07 Feb 2024 15:18
Operator : SY/MD
Sample : P1383-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

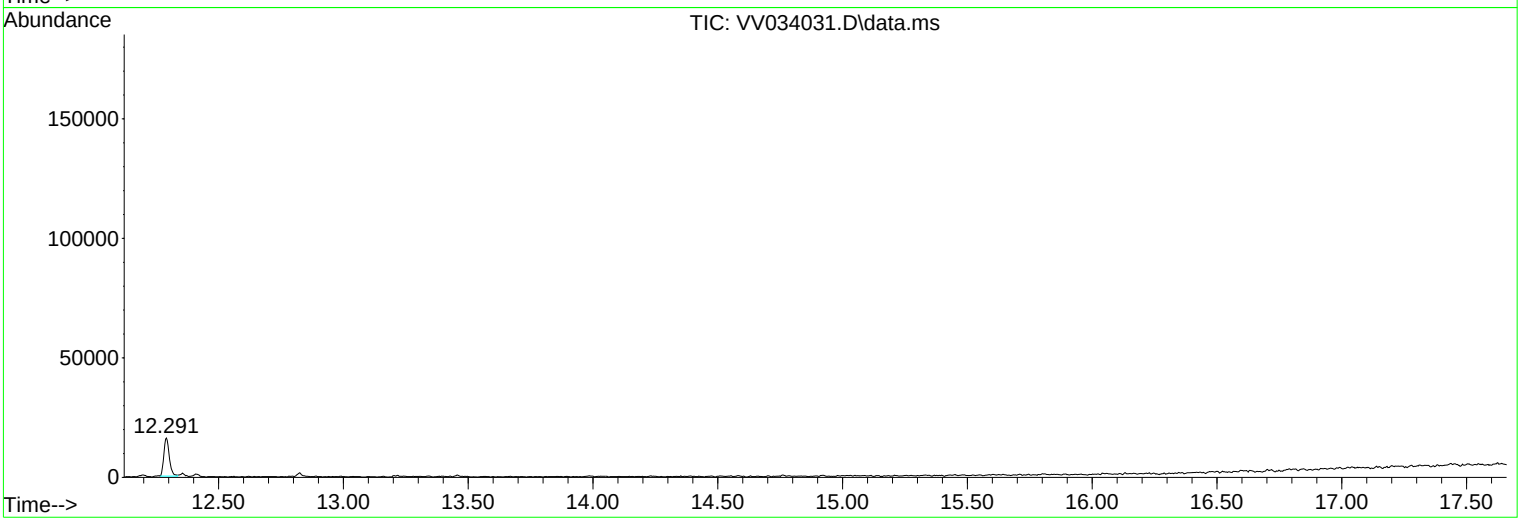
Instrument :
MSVOA_V
ClientSampleId :
E0YB2

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034031.D
Acq On : 07 Feb 2024 15:18
Operator : SY/MD
Sample : P1383-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YB2

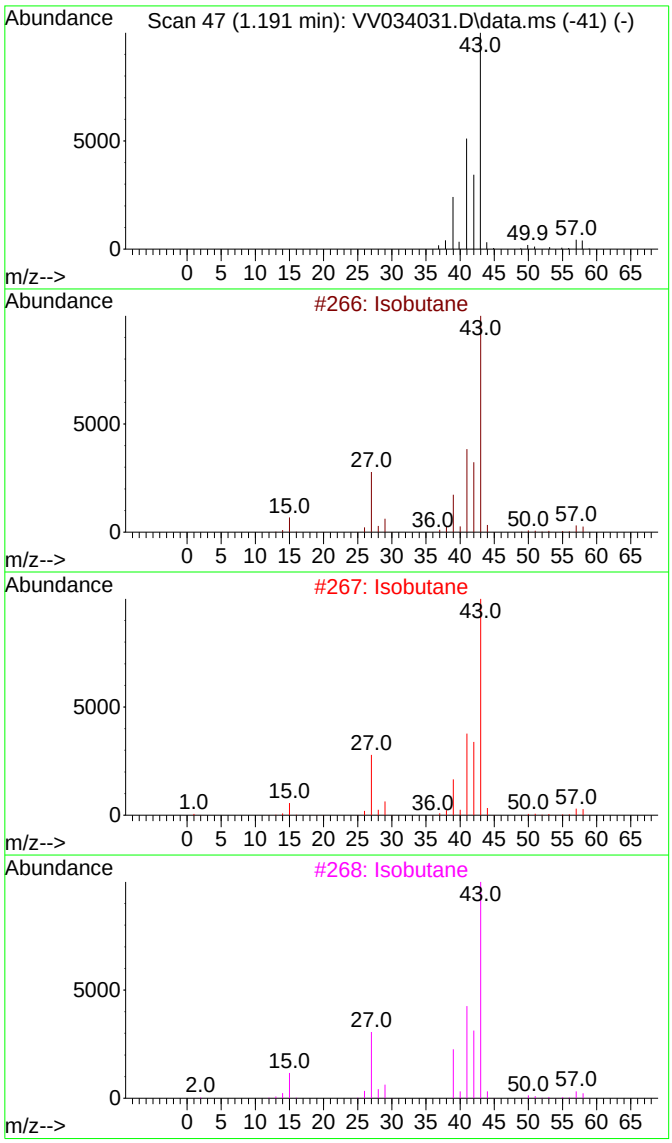
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

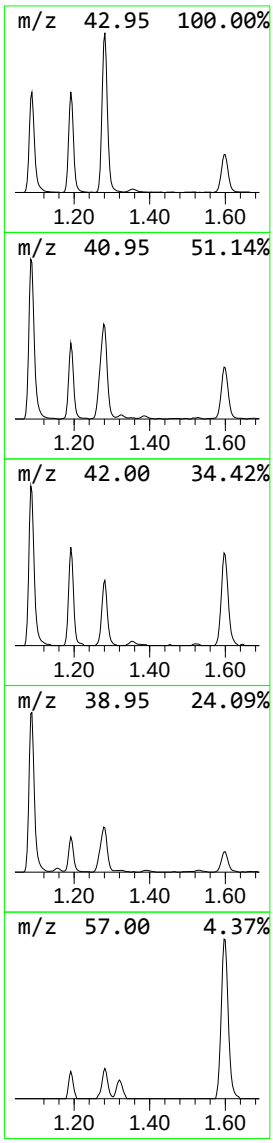
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.191	1.80 ug/L	70210	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	64
4	Isobutane	58	C4H10	000075-28-5	64
5	Isobutane	58	C4H10	000075-28-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034031.D
Acq On : 07 Feb 2024 15:18
Operator : SY/MD
Sample : P1383-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YB2

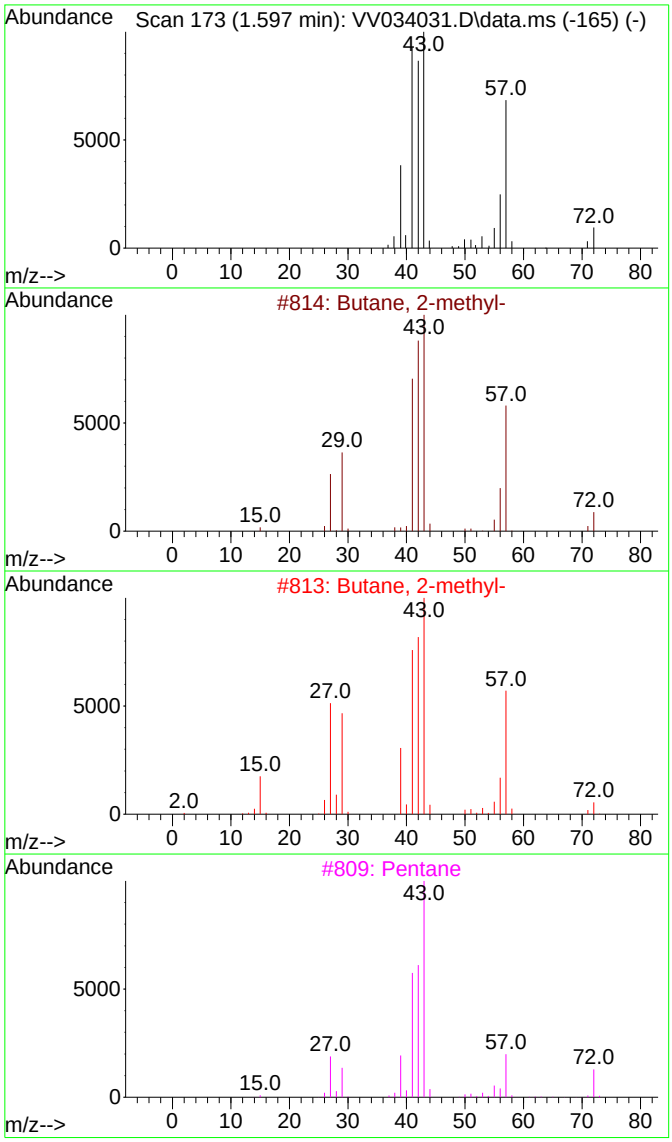
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

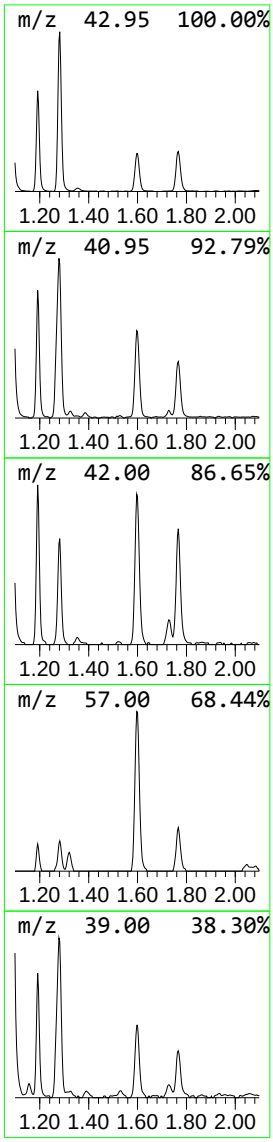
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.597	1.91 ug/L	74472	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	64
2	Butane, 2-methyl-	72	C5H12	000078-78-4	64
3	Pentane	72	C5H12	000109-66-0	36
4	3-Buten-1-ol	72	C4H8O	000627-27-0	33
5	3-Buten-1-ol	72	C4H8O	000627-27-0	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034031.D
Acq On : 07 Feb 2024 15:18
Operator : SY/MD
Sample : P1383-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YB2

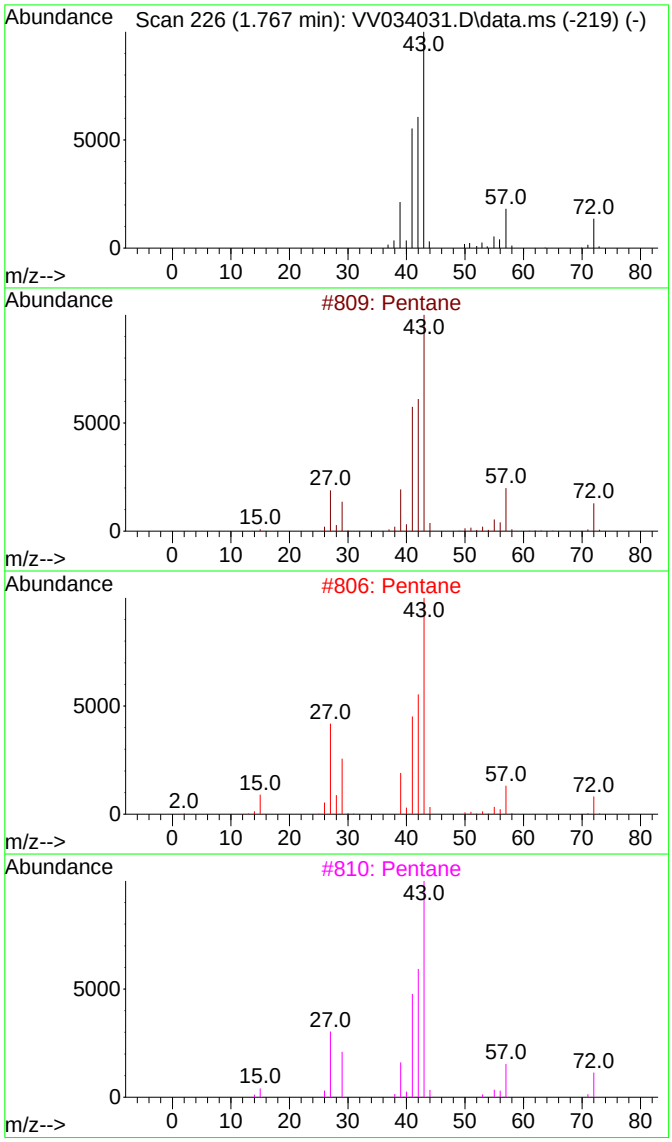
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

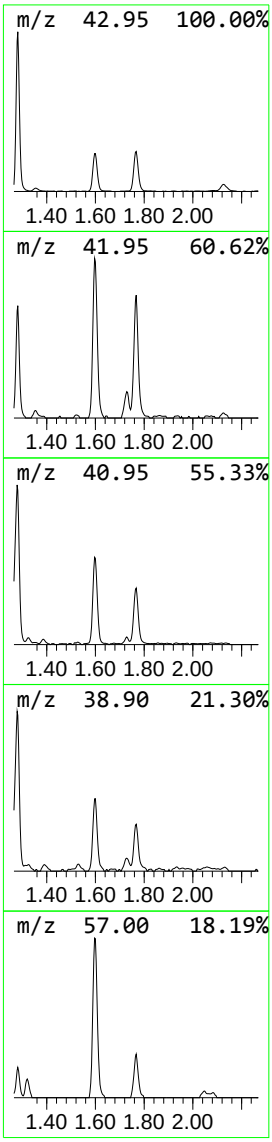
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.767	1.40 ug/L	54659	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	80
5	Pentane	72	C5H12	000109-66-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034031.D
Acq On : 07 Feb 2024 15:18
Operator : SY/MD
Sample : P1383-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YB2

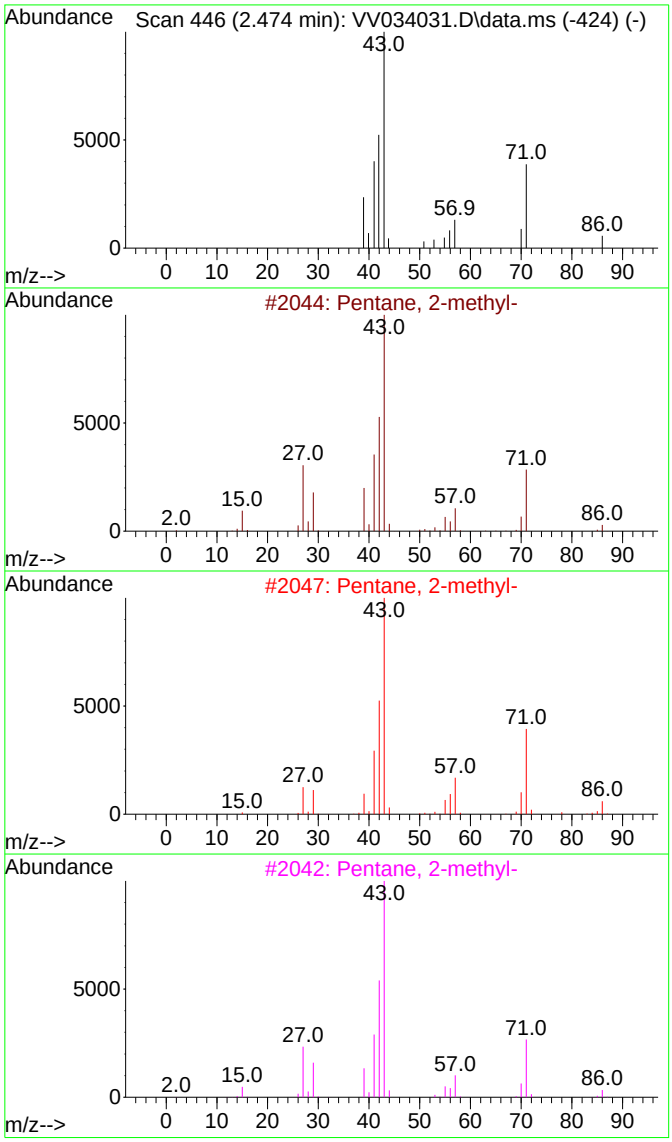
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

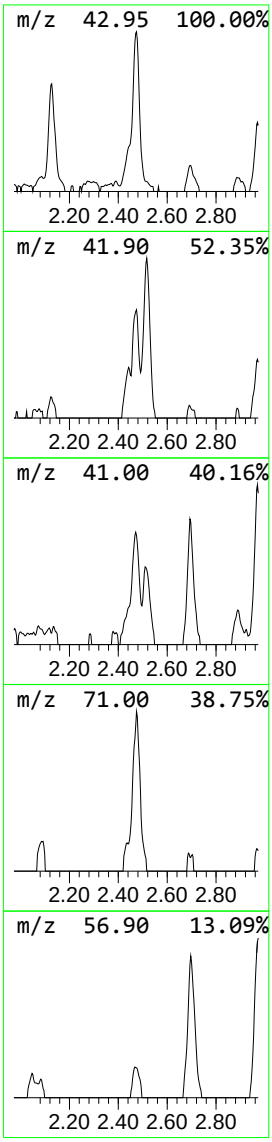
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.474	0.64 ug/L	25042	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034031.D
Acq On : 07 Feb 2024 15:18
Operator : SY/MD
Sample : P1383-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YB2

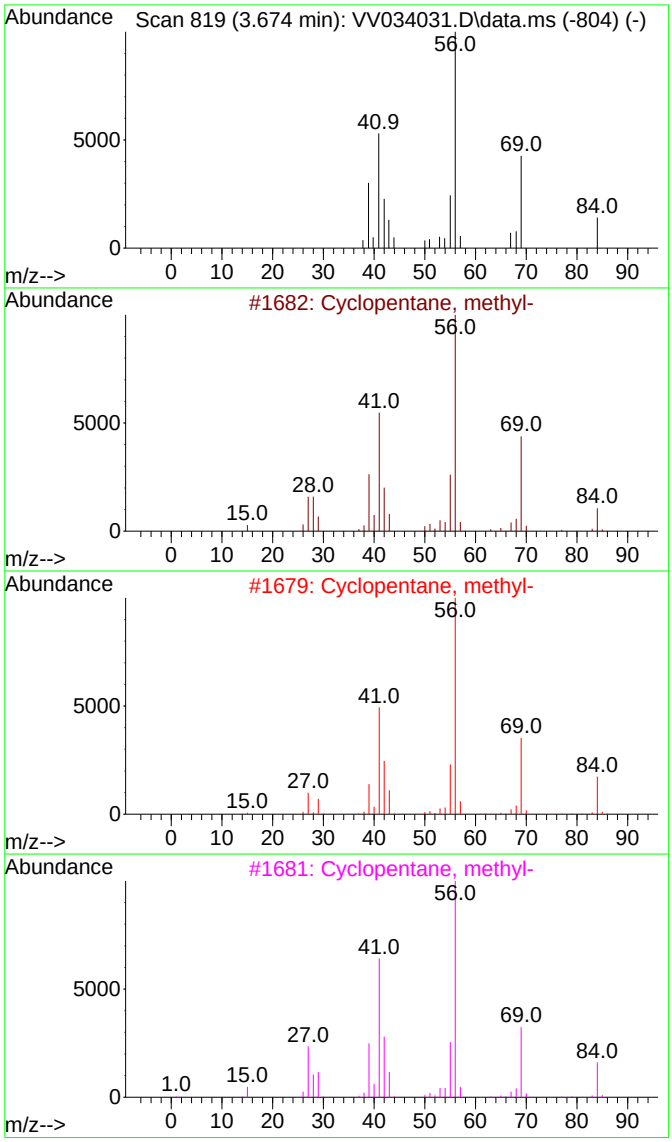
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

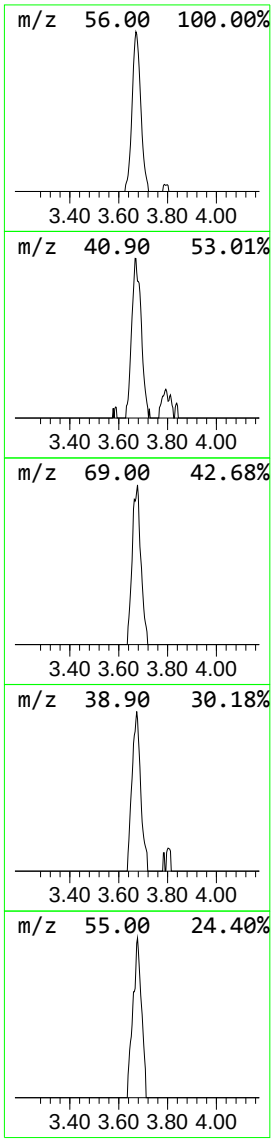
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic3.674 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.674	0.68 ug/L	26661	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034031.D
Acq On : 07 Feb 2024 15:18
Operator : SY/MD
Sample : P1383-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YB2

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

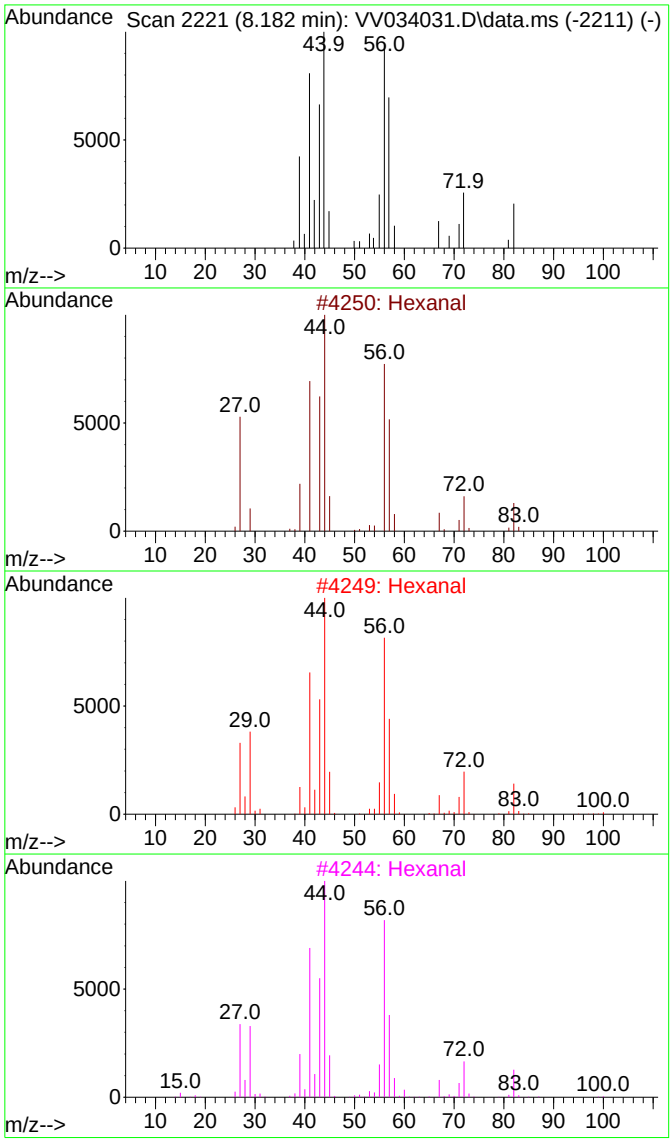
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

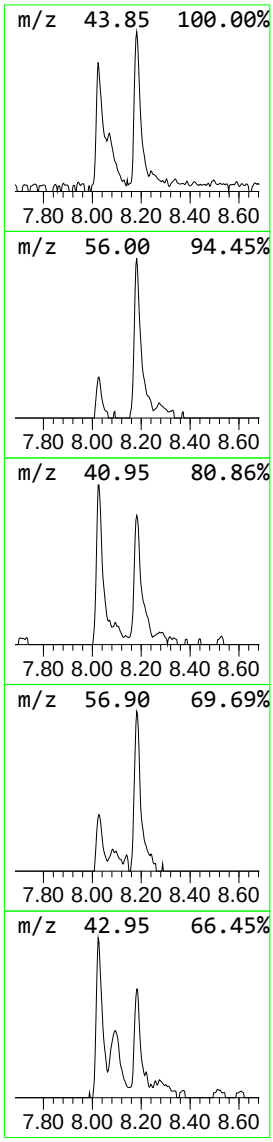
****

Peak Number 8 Hexanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.182	0.85 ug/L	41814	Chlorobenzene-d5	8.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	64
2	Hexanal	100	C6H12O	000066-25-1	64
3	Hexanal	100	C6H12O	000066-25-1	59
4	Hexanal	100	C6H12O	000066-25-1	59
5	Hexanal	100	C6H12O	000066-25-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034031.D
Acq On : 07 Feb 2024 15:18
Operator : SY/MD
Sample : P1383-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YB2

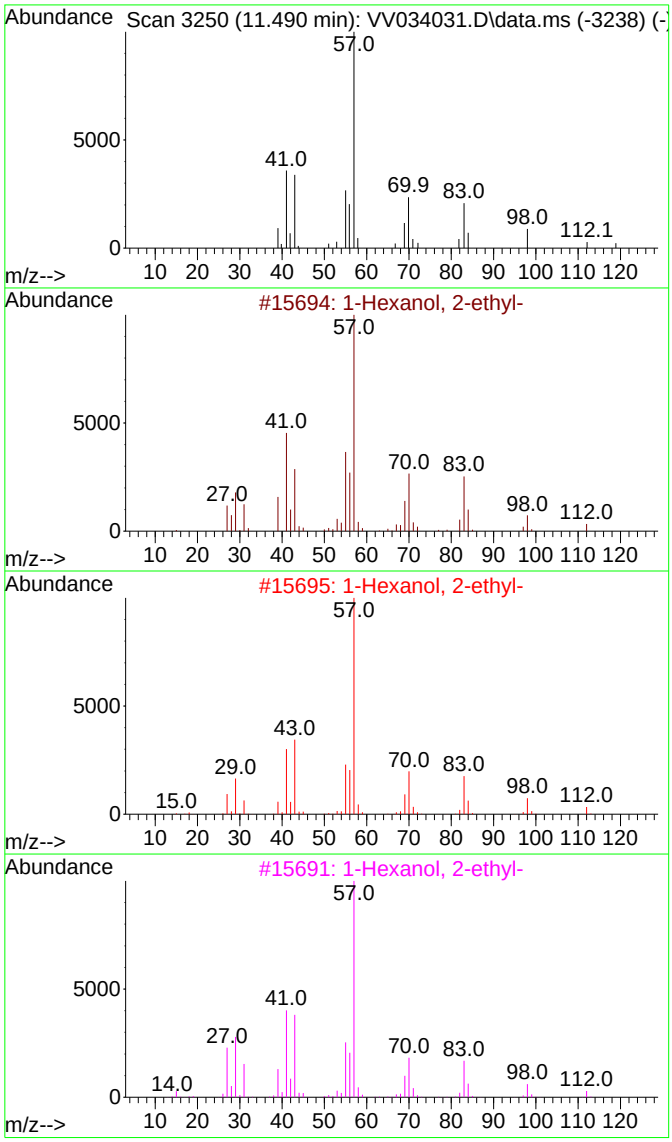
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

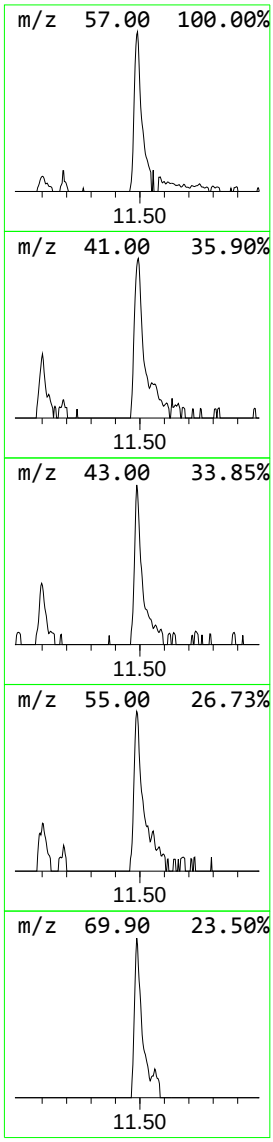
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.490	0.75 ug/L	36749	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	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034031.D
Acq On : 07 Feb 2024 15:18
Operator : SY/MD
Sample : P1383-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YB2

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

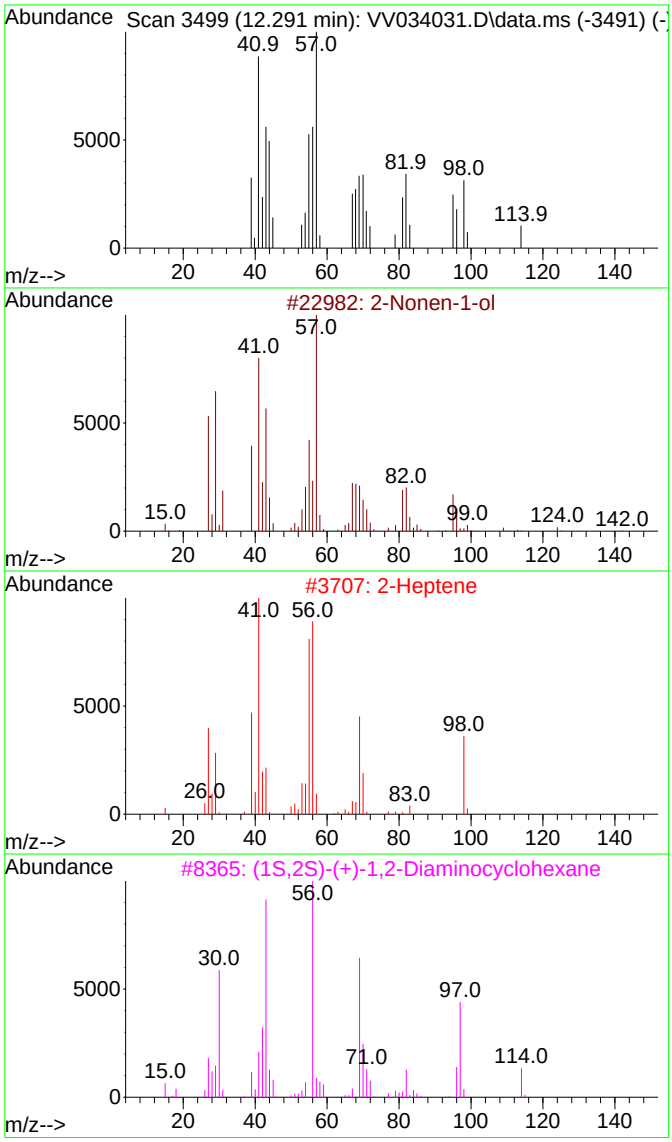
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

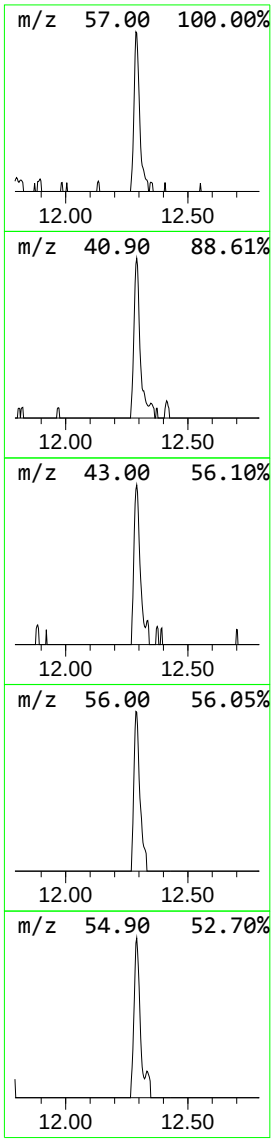
****

Peak Number 10 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.291	0.50 ug/L	24427	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonen-1-ol	142	C9H18O	022104-79-6	35
2	2-Heptene	98	C7H14	000592-77-8	30
3	(1S,2S)-(+)-1,2-Diaminocyclohexane	114	C6H14N2	021436-03-3	27
4	(1S,2S)-(+)-1,2-Diaminocyclohexane	114	C6H14N2	021436-03-3	27
5	cis-1,2-Cyclohexanediamine	114	C6H14N2	001436-59-5	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034031.D
Acq On : 07 Feb 2024 15:18
Operator : SY/MD
Sample : P1383-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YB2

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.191	1.8	ug/L	70210	1	5.539	194785	5.0
(DEL) Alkane: S...	1.597	1.9	ug/L	74472	1	5.539	194785	5.0
(DEL) Alkane: S...	1.767	1.4	ug/L	54659	1	5.539	194785	5.0
(DEL) Alkane: S...	2.474	0.6	ug/L	25042	1	5.539	194785	5.0
(DEL) Alkane: C...	3.674	0.7	ug/L	26661	1	5.539	194785	5.0
Hexanal	8.182	0.8	ug/L	41814	2	8.786	244711	5.0
1-Hexanol, 2-et...	11.490	0.8	ug/L	36749	3	11.188	243618	5.0
unknown-01	12.291	0.5	ug/L	24427	3	11.188	243618	5.0