LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101923\
Data File : VV032495.D
Acq On : 19 Oct 2023 14:29
Operator : SY/MD
Sample : 04918-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AH2

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: VV032495.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	7	14	31	rVB	326056	325473	50.18%	6.133%
2	1.191	41	47	58	rBV	35231	36609	5.64%	0.690%
3	1.275	64	73	83	rBV2	163152	240583	37.09%	4.534%
4	1.355	93	98	102	rBV	6070	6548	1.01%	0.123%
5	1.388	102	108	118	rVB2	24129	31833	4.91%	0.600%
6	1.532	146	153	166	rVB	55452	69099	10.65%	1.302%
7	1.600	166	174	182	rBV	23520	29708	4.58%	0.560%
8	1.728	206	214	220	rBV	33161	41583	6.41%	0.784%
9	1.767	220	226	245	rVB3	30538	53051	8.18%	1.000%
10	1.912	265	271	273	rVV5	7116	9285	1.43%	0.175%
11	1.937	275	279	286	rVV3	12247	15282	2.36%	0.288%
12	1.979	286	292	302	rVB3	5977	8119	1.25%	0.153%
13	2.060	307	317	334	rBV	85527	156691	24.16%	2.953%
14	2.175	348	353	368	rVB5	7187	14020	2.16%	0.264%
15	2.420	405	429	440	rBV4	14086	39387	6.07%	0.742%
16	2.706	501	518	539	rBV	311852	648583	100.00%	12.222%
17	2.831	545	557	564	rBV3	9708	22283	3.44%	0.420%
18	2.879	567	572	590	rVV8	10441	22206	3.42%	0.418%
19	2.969	590	600	620	rVB8	5963	14325	2.21%	0.270%
20	3.375	714	726	735	rBV8	2992	6821	1.05%	0.129%
21	3.805	847	860	888	rBV2	44806	140765	21.70%	2.653%
22	4.256	983	1000	1024	rBV	57440	161195	24.85%	3.038%
23	4.960	1202	1219	1233	rBV2	136544	353753	54.54%	6.666%
24	5.133	1261	1273	1289	rVV2	50981	113249	17.46%	2.134%
25	5.211	1289	1297	1314	rVB3	9694	23265	3.59%	0.438%
26	5.538	1387	1399	1416	rBV	117621	251823	38.83%	4.745%
27	5.992	1528	1540	1556	rBV	81544	175895	27.12%	3.315%
28	6.120	1570	1580	1591	rVB9	5532	12056	1.86%	0.227%
29	6.918	1814	1828	1851	rBV	37957	82354	12.70%	1.552%
30	7.246	1918	1930	1952	rBV	147578	292620	45.12%	5.514%
31	7.426	1977	1986	1990	rBV6	4984	8194	1.26%	0.154%
32	7.558	2019	2027	2046	rBV	21687	48056	7.41%	0.906%
33	7.680	2057	2065	2082	rVB	4483	9956	1.54%	0.188%
34	7.879	2116	2127	2132	rBV2	7971	14056	2.17%	0.265%
35	8.030	2164	2174	2202	rBV	207568	433488	66.84%	8.169%
36	8.789	2399	2410	2437	rBV	190859	341431	52.64%	6.434%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101923\
Data File : VV032495.D
Acq On : 19 Oct 2023 14:29
Operator : SY/MD
Sample : 04918-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH2

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

37	9.046	2480	2490	2496	rBV5	7391	15055	2.32%	0.284%
38	10.066	2796	2807	2814	rBV5	3275	6882	1.06%	0.130%
39	10.156	2824	2835	2850	rBV	66198	112727	17.38%	2.124%
40	10.329	2878	2889	2902	rVB3	14695	24610	3.79%	0.464%
41	10.805	3028	3037	3044	rBV3	6199	8499	1.31%	0.160%
42	11.030	3096	3107	3120	rBV5	8507	15086	2.33%	0.284%
43	11.188	3140	3156	3170	rBV	201249	320105	49.35%	6.032%
44	11.394	3211	3220	3232	rVB2	14986	23727	3.66%	0.447%
45	11.564	3261	3273	3290	rVB	161052	264083	40.72%	4.976%
46	12.056	3413	3426	3444	rBV2	74233	127570	19.67%	2.404%
47	12.194	3458	3469	3477	rBV3	6029	10614	1.64%	0.200%
48	12.294	3489	3500	3505	rBV7	8007	12504	1.93%	0.236%
49	12.490	3548	3561	3571	rBV2	13363	21417	3.30%	0.404%
50	12.625	3596	3603	3612	rVB4	8751	14047	2.17%	0.265%
51	12.696	3616	3625	3636	rVB	11149	16905	2.61%	0.319%
52	12.892	3678	3686	3697	rBV10	5522	9323	1.44%	0.176%
53	13.310	3811	3816	3828	rVB6	7716	12467	1.92%	0.235%
54	13.564	3886	3895	3908	rVB	18369	29688	4.58%	0.559%
55	14.519	4182	4192	4201	rBV3	4861	7815	1.20%	0.147%

Sum of corrected areas: 5306769

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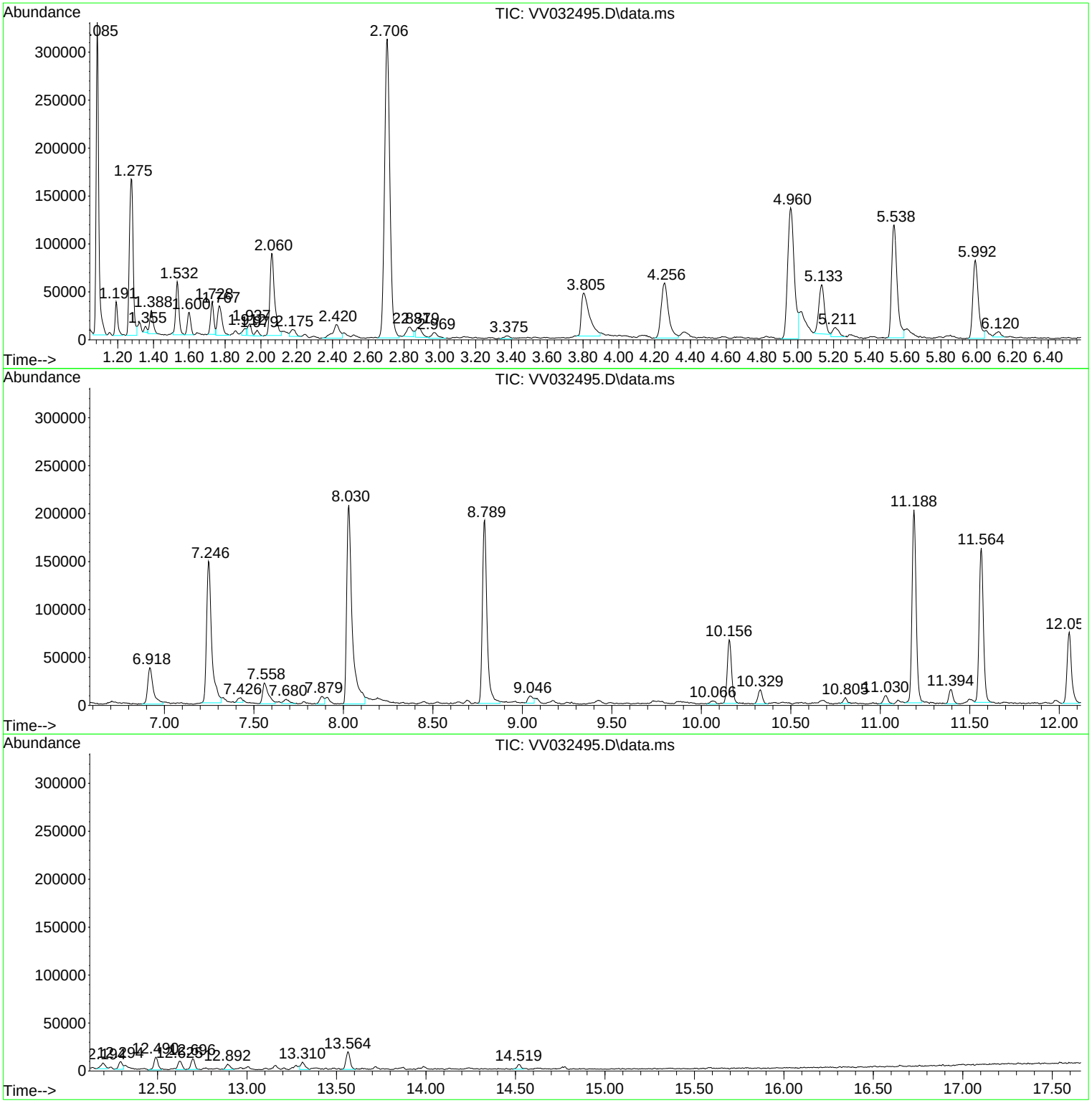
Data File : VV032495.D
Acq On : 19 Oct 2023 14:29
Operator : SY/MD
Sample : 04918-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH2

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101923\
Data File : VV032495.D
Acq On : 19 Oct 2023 14:29
Operator : SY/MD
Sample : 04918-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH2

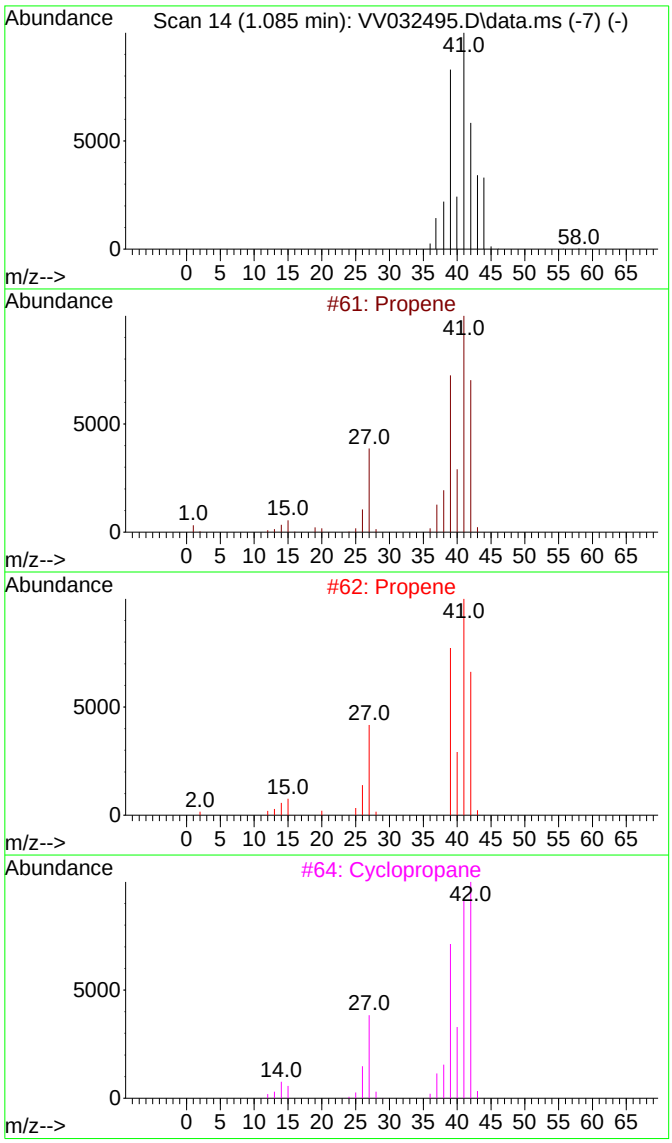
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

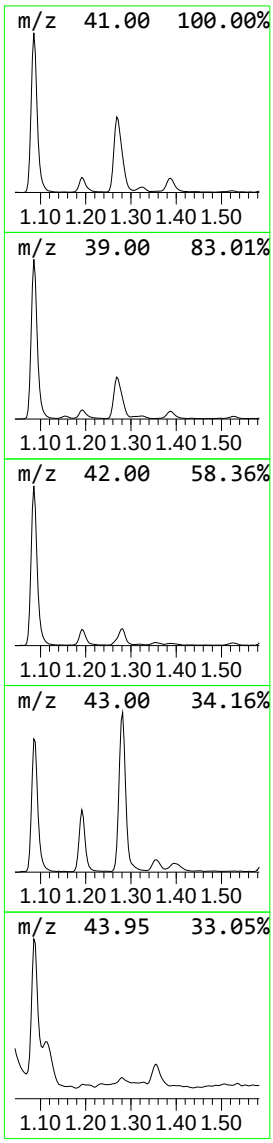
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.085	6.46 ug/L	325473	1,4-Difluorobenzene	5.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropane	42	C3H6	000075-19-4	9
4	Cyclopropene	40	C3H4	002781-85-3	9
5	Cyclopropane	42	C3H6	000075-19-4	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101923\
Data File : VV032495.D
Acq On : 19 Oct 2023 14:29
Operator : SY/MD
Sample : 04918-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH2

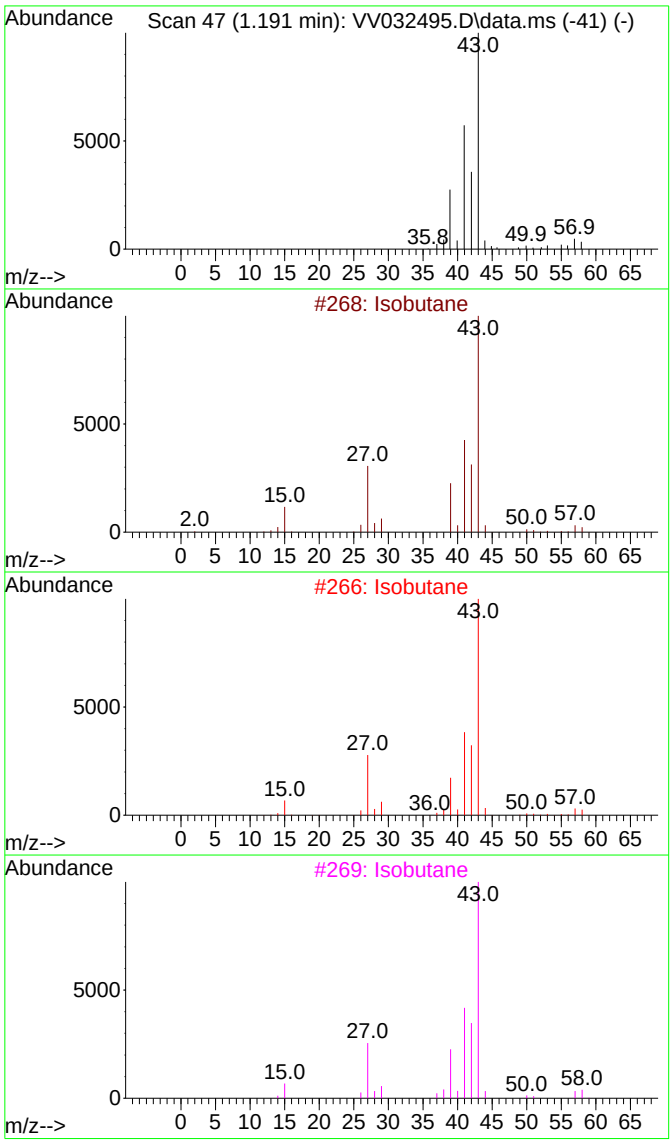
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

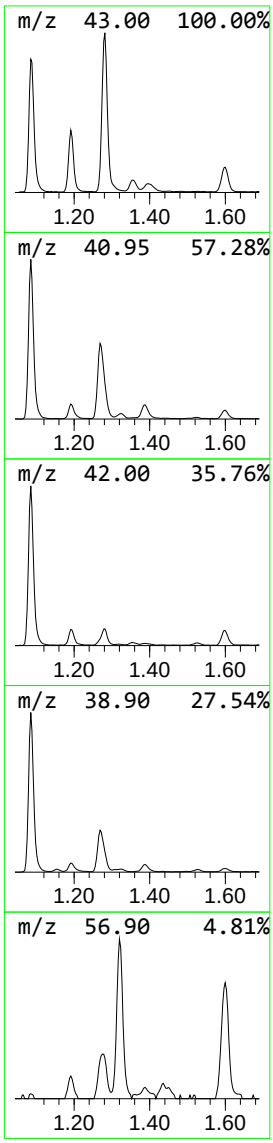
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.191	0.73 ug/L	36609	1,4-Difluorobenzene	5.538

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	45
4	Isobutane	58	C4H10	000075-28-5	45
5	Isobutane	58	C4H10	000075-28-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101923\
Data File : VV032495.D
Acq On : 19 Oct 2023 14:29
Operator : SY/MD
Sample : 04918-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH2

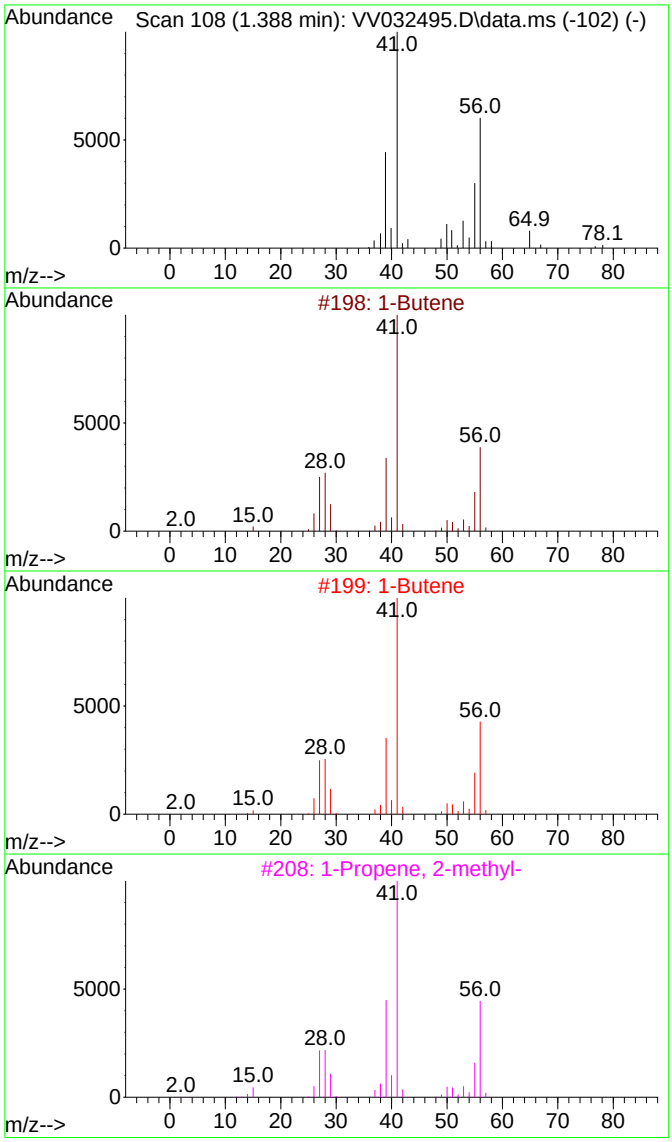
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

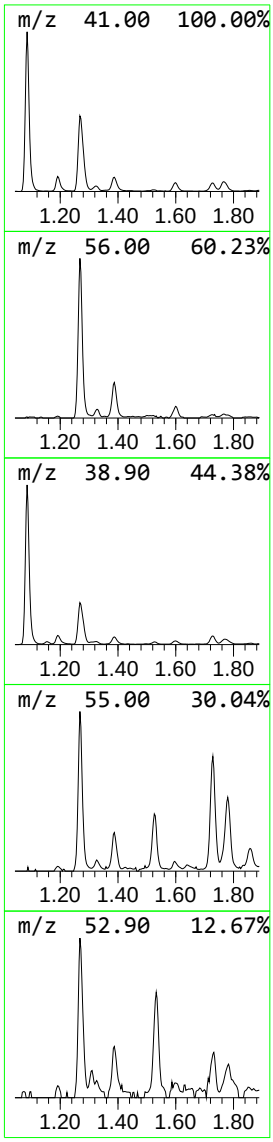
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.388	0.63 ug/L	31833	1,4-Difluorobenzene	5.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	86
2	1-Butene	56	C4H8	000106-98-9	80
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
4	1-Butene	56	C4H8	000106-98-9	80
5	2-Butene, (E)-	56	C4H8	000624-64-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101923\
Data File : VV032495.D
Acq On : 19 Oct 2023 14:29
Operator : SY/MD
Sample : 04918-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH2

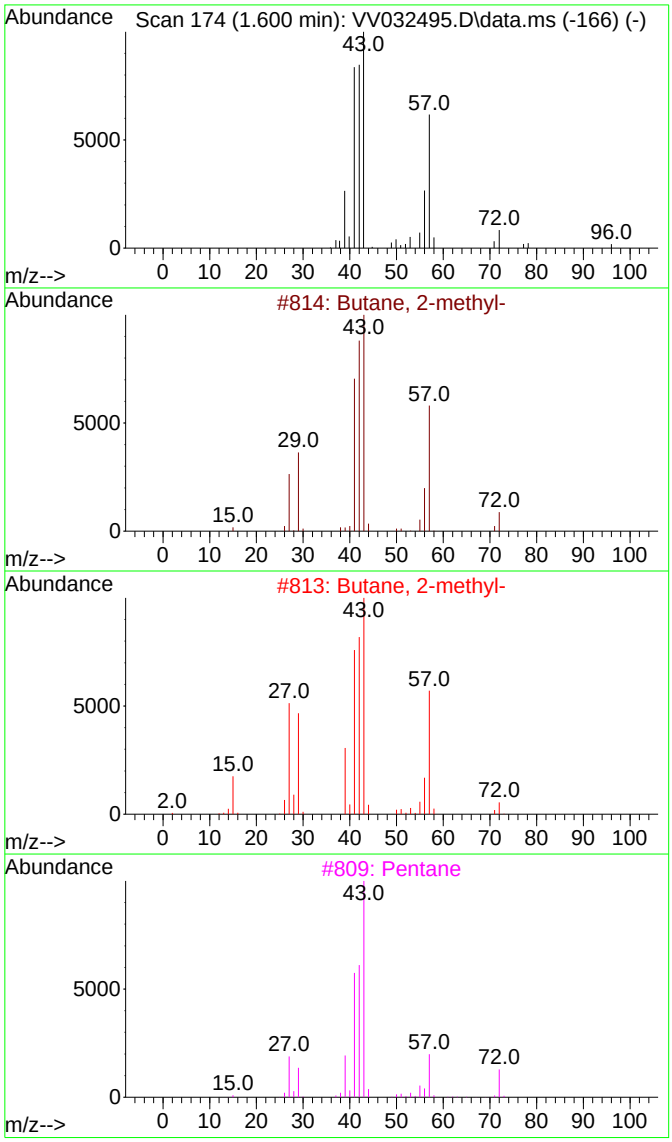
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

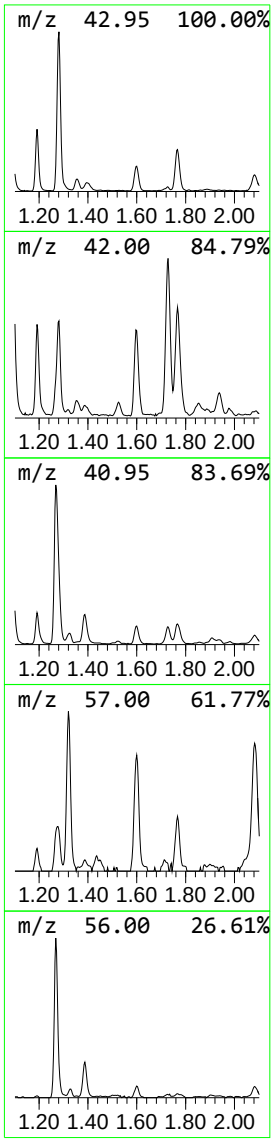
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.600	0.59 ug/L	29708	1,4-Difluorobenzene	5.538

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	38
4	Oxirane, trimethyl-	86	C5H10O	005076-19-7	38
5	3-Buten-1-ol	72	C4H8O	000627-27-0	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101923\
Data File : VV032495.D
Acq On : 19 Oct 2023 14:29
Operator : SY/MD
Sample : 04918-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH2

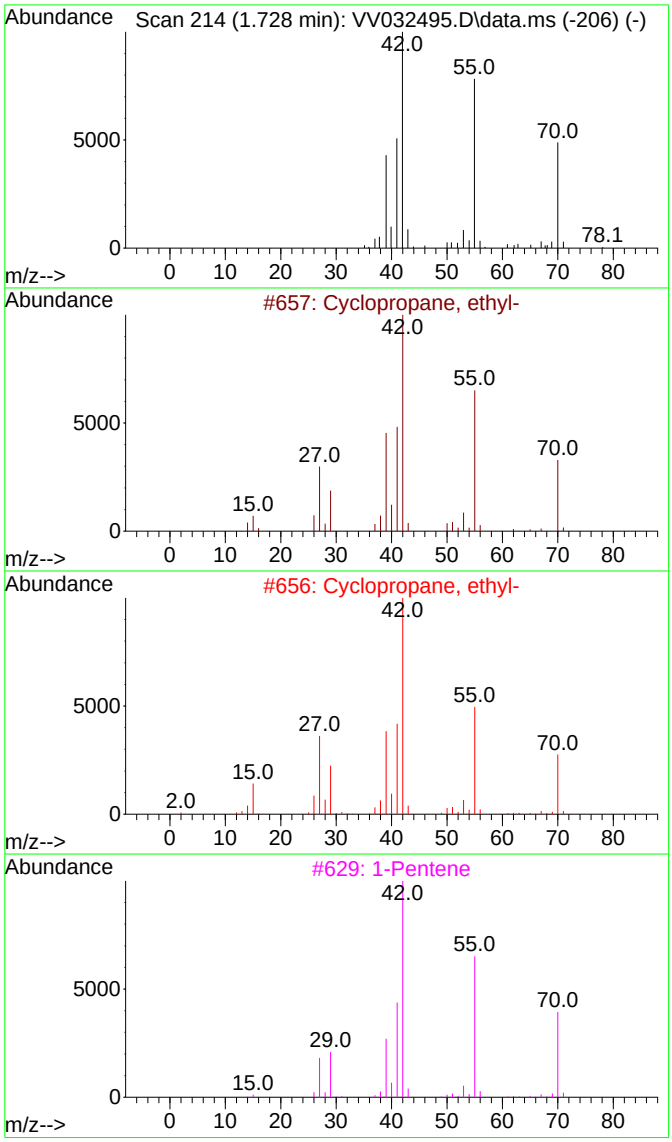
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

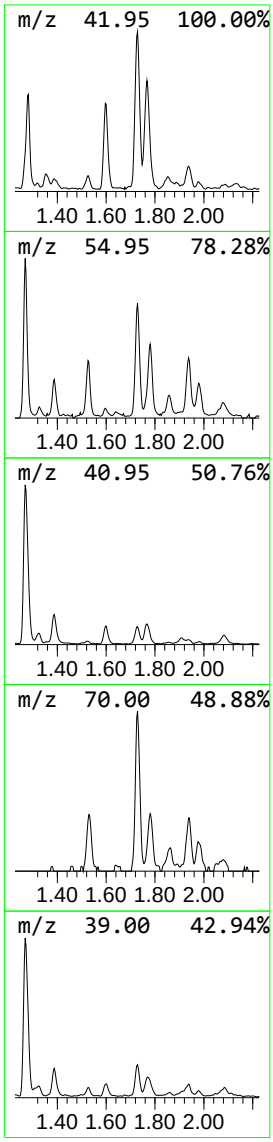
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic1.728 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.728	0.83 ug/L	41583	1,4-Difluorobenzene	5.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	86
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	78
3	1-Pentene	70	C5H10	000109-67-1	76
4	2-Pentene	70	C5H10	000109-68-2	74
5	2-Pentene, (Z)-	70	C5H10	000627-20-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101923\
Data File : VV032495.D
Acq On : 19 Oct 2023 14:29
Operator : SY/MD
Sample : 04918-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH2

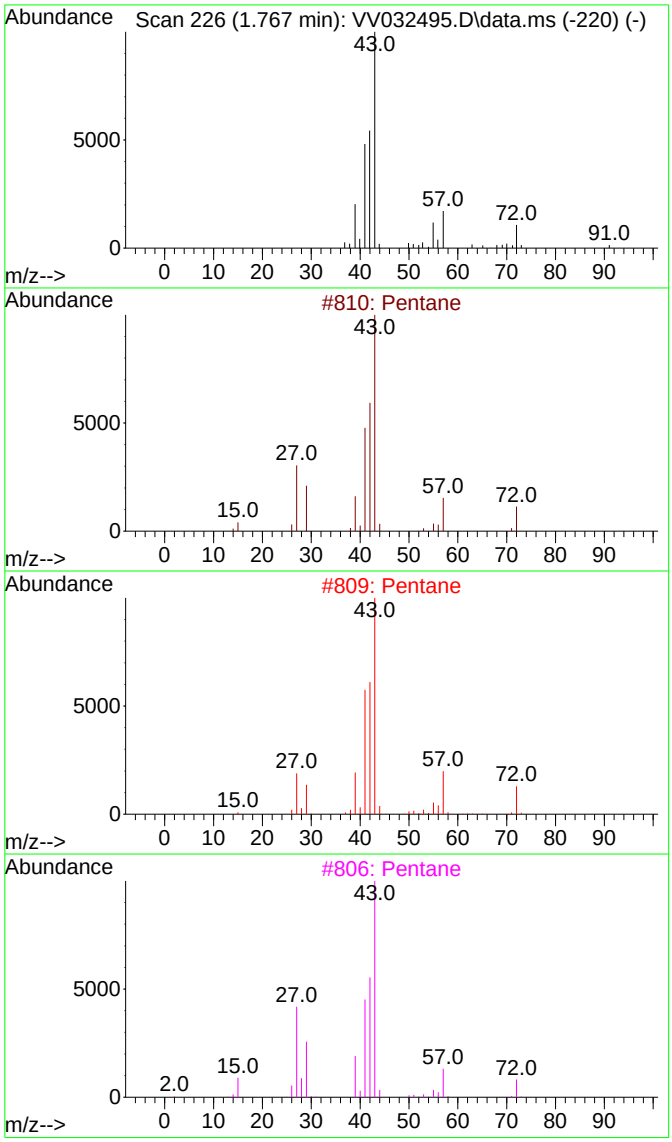
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

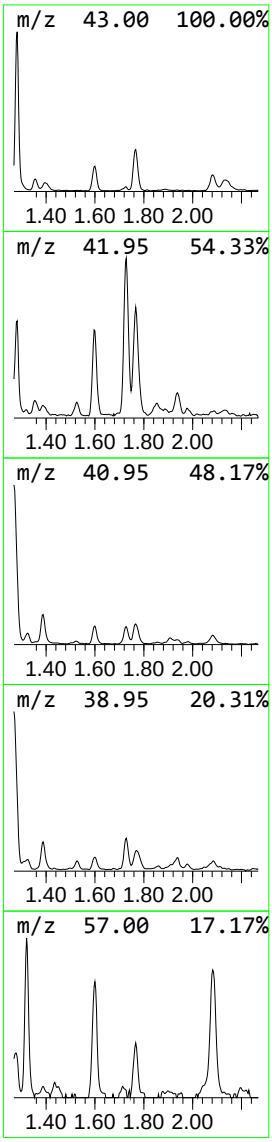
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.767	1.05 ug/L	53051	1,4-Difluorobenzene	5.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	78
5	Butane, 2-chloro-3-methyl-	106	C5H11Cl	000631-65-2	23





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Data File : VV032495.D
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH2

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

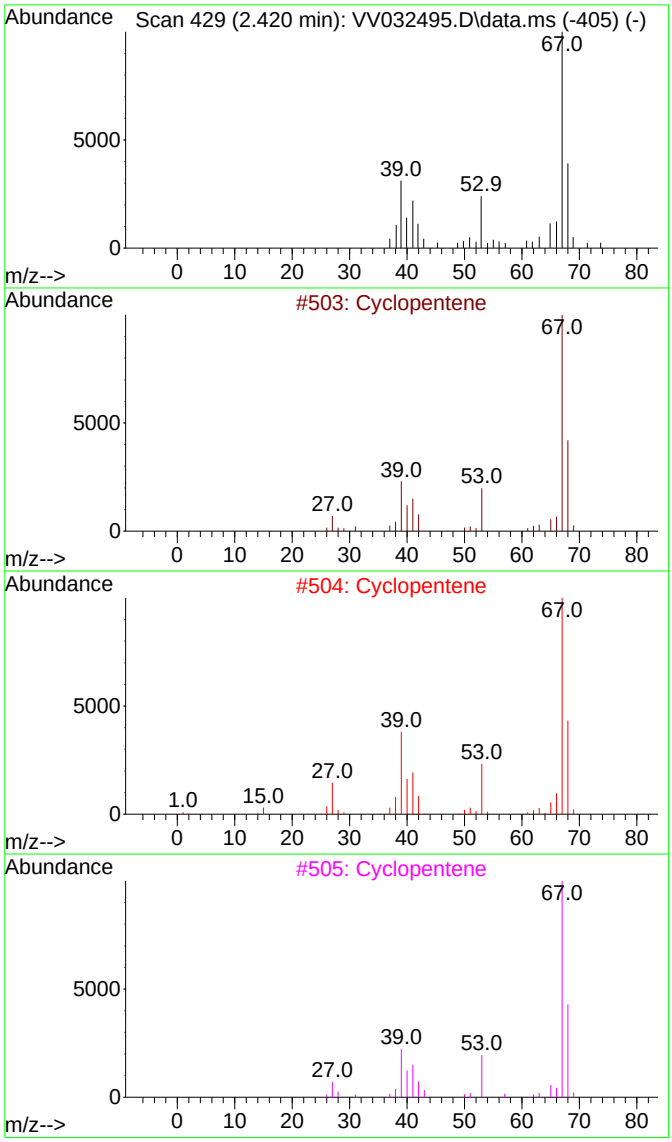
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

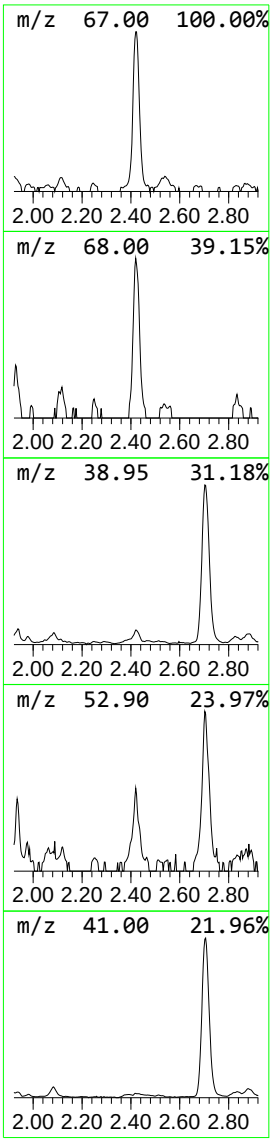
****

Peak Number 7 Cyclopentene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.420	0.78 ug/L	39387	1,4-Difluorobenzene	5.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	91
2	Cyclopentene	68	C5H8	000142-29-0	87
3	Cyclopentene	68	C5H8	000142-29-0	86
4	Cyclopentene	68	C5H8	000142-29-0	86
5	Bicyclo[2.1.0]pentane	68	C5H8	000185-94-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101923\
Data File : VV032495.D
Acq On : 19 Oct 2023 14:29
Operator : SY/MD
Sample : 04918-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH2

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

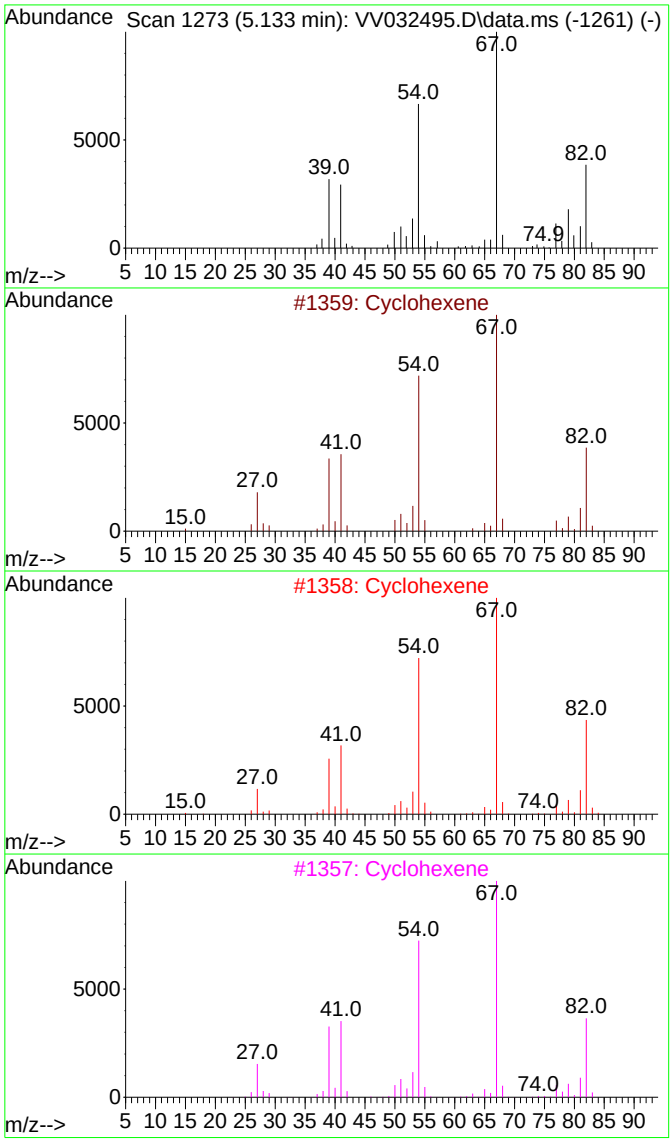
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

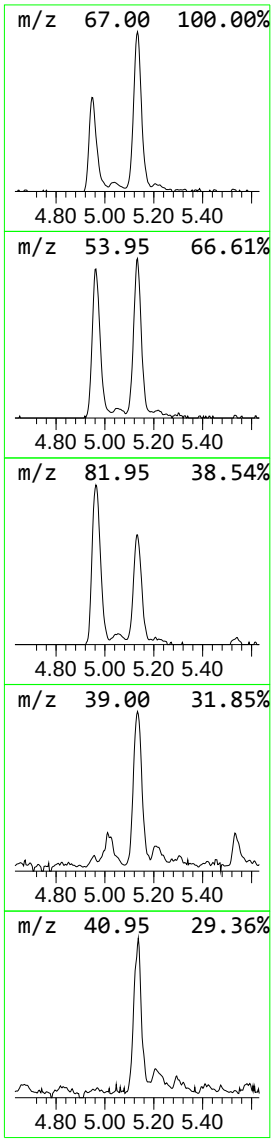
****

Peak Number 8 Cyclohexene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.133	2.25 ug/L	113249	1,4-Difluorobenzene	5.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	94
2	Cyclohexene	82	C6H10	000110-83-8	87
3	Cyclohexene	82	C6H10	000110-83-8	87
4	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	87
5	Cyclohexene	82	C6H10	000110-83-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101923\
Data File : VV032495.D
Acq On : 19 Oct 2023 14:29
Operator : SY/MD
Sample : 04918-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH2

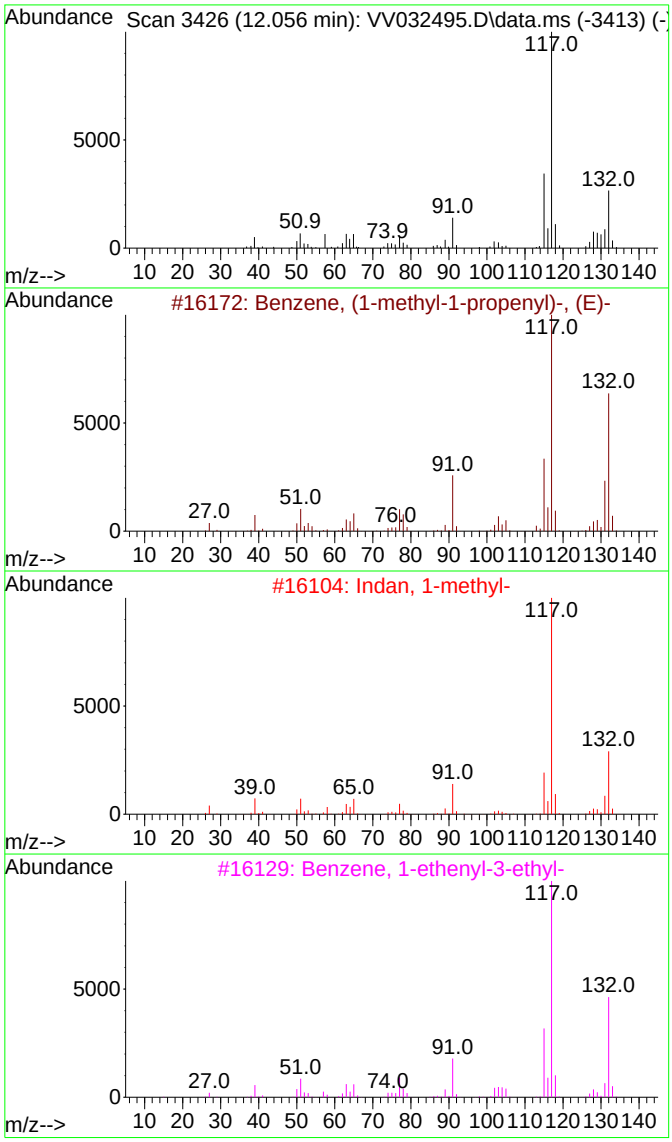
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

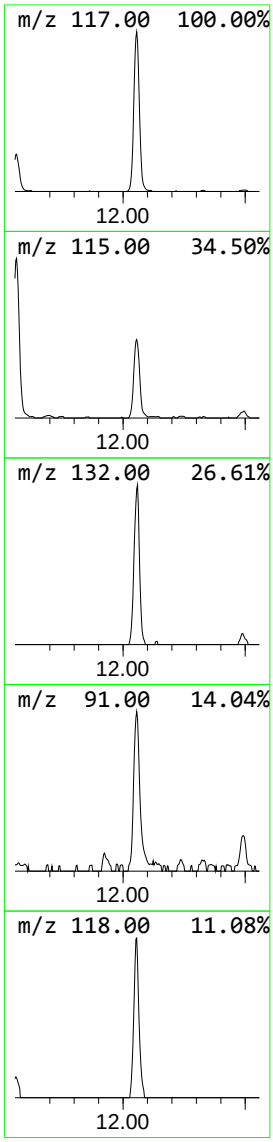
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, (1-methyl-1-propen... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.056	1.99 ug/L	127570	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101923\
Data File : VV032495.D
Acq On : 19 Oct 2023 14:29
Operator : SY/MD
Sample : 04918-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH2

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.085	6.5	ug/L	325473	1	5.538	251823	5.0
(DEL) Alkane: S...	1.191	0.7	ug/L	36609	1	5.538	251823	5.0
(DEL) Alkane: S...	1.388	0.6	ug/L	31833	1	5.538	251823	5.0
(DEL) Alkane: S...	1.600	0.6	ug/L	29708	1	5.538	251823	5.0
(DEL) Alkane: C...	1.728	0.8	ug/L	41583	1	5.538	251823	5.0
(DEL) Alkane: S...	1.767	1.1	ug/L	53051	1	5.538	251823	5.0
Cyclopentene	2.420	0.8	ug/L	39387	1	5.538	251823	5.0
Cyclohexene	5.133	2.3	ug/L	113249	1	5.538	251823	5.0
Benzene, (1-met...	12.056	2.0	ug/L	127570	3	11.188	320105	5.0