LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
Data File : VV027638.D
Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

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\SFAMVTR083122WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV027638.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.214	48	54	61	rBV2	49384	46602	1.86%	0.280%
2	1.304	72	82	89	rBV	238461	234978	9.40%	1.410%
3	1.343	89	94	102	rVB	50023	58666	2.35%	0.352%
4	1.561	155	162	173	rBV	62053	73438	2.94%	0.441%
5	1.626	173	182	206	rVB	391487	494303	19.76%	2.966%
6	2.108	320	332	334	rBV	164726	227359	9.09%	1.364%
7	2.490	434	451	467	rBV	584070	1173466	46.92%	7.042%
8	2.571	467	476	502	rVB	118459	232885	9.31%	1.398%
9	2.754	518	533	576	rBV	1343880	2501035	100.00%	15.009%
10	3.535	763	776	791	rBV4	12374	31207	1.25%	0.187%
11	3.661	797	815	834	rBV	248098	663048	26.51%	3.979%
12	3.757	838	845	861	rVB3	21114	47116	1.88%	0.283%
13	3.905	863	891	931	rBV	602458	1609890	64.37%	9.661%
14	4.346	1011	1028	1039	rBV	85429	225106	9.00%	1.351%
15	4.674	1116	1130	1140	rBV4	19513	48763	1.95%	0.293%
16	4.760	1141	1157	1186	rVB	305600	797107	31.87%	4.783%
17	4.944	1197	1214	1228	rVB8	16394	45543	1.82%	0.273%
18	5.043	1228	1245	1274	rBV2	198618	541339	21.64%	3.249%
19	5.227	1276	1302	1317	rBV	625244	1652923	66.09%	9.919%
20	5.616	1411	1423	1452	rBV	177586	388847	15.55%	2.333%
21	5.912	1496	1515	1542	rBV	275079	580557	23.21%	3.484%
22	6.069	1549	1564	1597	rVB3	113754	334812	13.39%	2.009%
23	6.252	1610	1621	1629	rBV3	24350	47913	1.92%	0.288%
24	6.304	1630	1637	1651	rVB3	20265	41236	1.65%	0.247%
25	6.458	1670	1685	1698	rBV4	30692	69812	2.79%	0.419%
26	6.651	1726	1745	1764	rBV	313843	664253	26.56%	3.986%
27	6.773	1767	1783	1803	rBV	366466	784259	31.36%	4.706%
28	6.989	1831	1850	1860	rBV3	30588	71525	2.86%	0.429%
29	7.262	1922	1935	1942	rBV4	25606	52380	2.09%	0.314%
30	7.313	1942	1951	1979	rVB	210958	392609	15.70%	2.356%
31	7.442	1981	1991	2001	rBV2	14832	26613	1.06%	0.160%
32	7.587	2027	2036	2044	rBV4	20678	35434	1.42%	0.213%
33	7.654	2044	2057	2068	rVB9	18413	48557	1.94%	0.291%
34	7.786	2078	2098	2106	rBV3	27917	65053	2.60%	0.390%
35	7.841	2106	2115	2138	rVB	99691	203279	8.13%	1.220%
36	7.976	2144	2157	2167	rBV5	20687	40143	1.61%	0.241%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
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Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

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\SFAMVTR083122WMA.M
Title : TRACE VOA SFAM1.0

37	8.095	2183	2194	2226	rBV2	159788	386332	15.45%	2.318%
38	8.230	2228	2236	2248	rVB10	12726	26191	1.05%	0.157%
39	8.391	2279	2286	2295	rVB4	21666	34612	1.38%	0.208%
40	8.513	2311	2324	2338	rBV4	19754	38672	1.55%	0.232%
41	8.850	2418	2429	2442	rBV	273259	449430	17.97%	2.697%
42	9.108	2497	2509	2534	rVB6	28803	90085	3.60%	0.541%
43	9.477	2611	2624	2638	rVB5	16697	44333	1.77%	0.266%
44	10.217	2839	2854	2869	rVB	72213	125039	5.00%	0.750%
45	11.246	3164	3174	3196	rBV	230498	369858	14.79%	2.220%
46	11.622	3280	3291	3309	rBV	172012	276558	11.06%	1.660%
47	12.194	3461	3469	3478	rVB2	23962	37347	1.49%	0.224%
48	12.548	3568	3579	3593	rBV2	37842	61011	2.44%	0.366%
49	12.757	3633	3644	3656	rVB	56181	86479	3.46%	0.519%
50	13.062	3731	3739	3750	rVB	17876	28203	1.13%	0.169%
51	13.307	3806	3815	3830	rVB	35874	57509	2.30%	0.345%

Sum of corrected areas: 16663715

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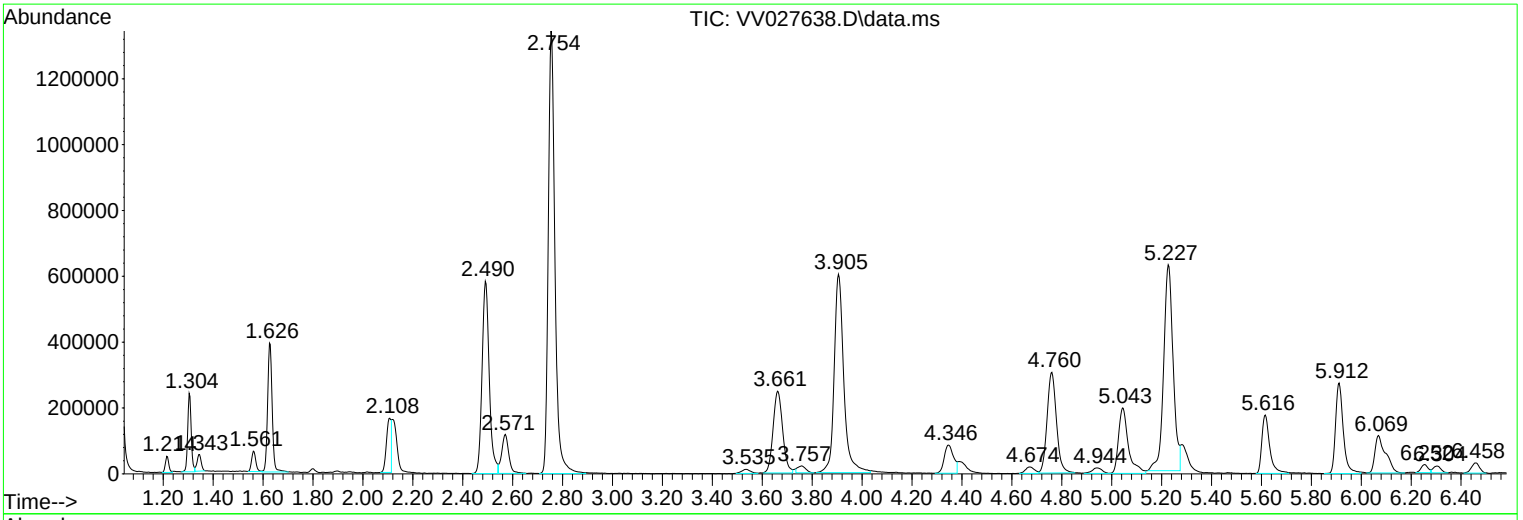
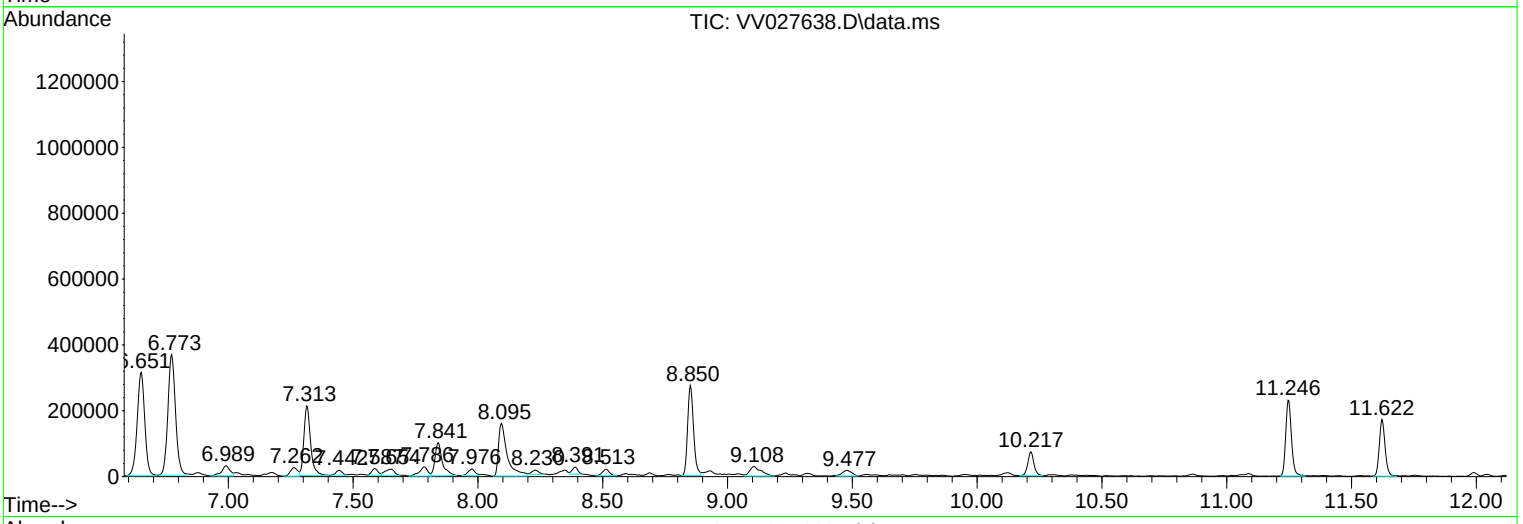
ALS Vial : 29 Sample Multiplier: 1

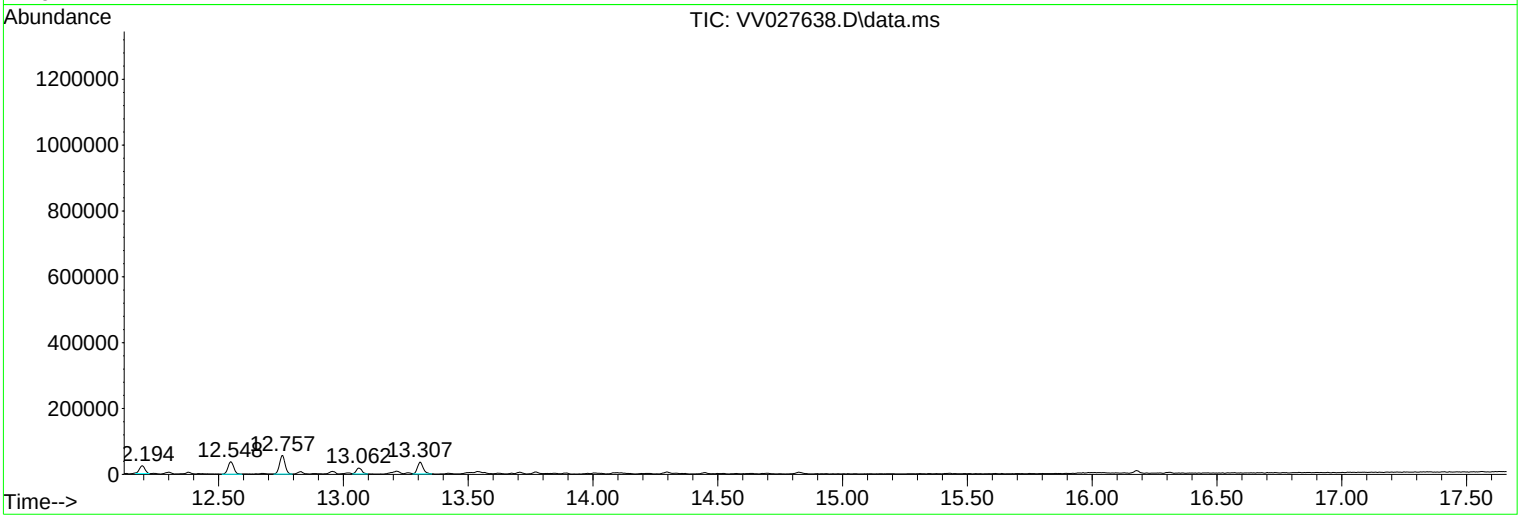
Instrument :
MSVOA_V
ClientSampleId :
F5E76

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.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\VV083122\
Data File : VV027638.D
Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

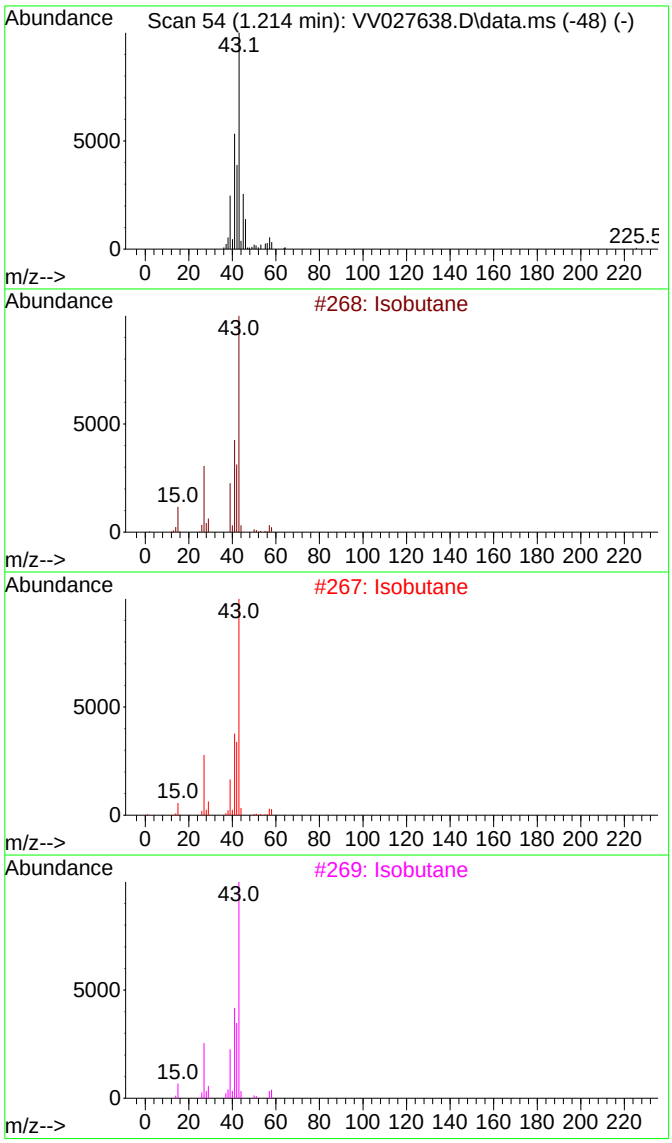
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

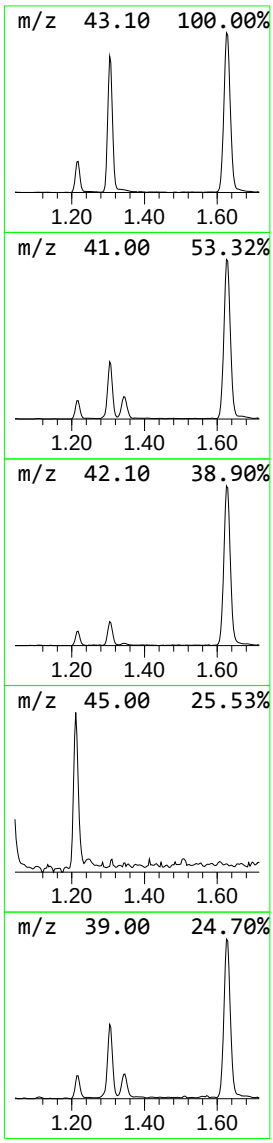
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.214	0.60 ug/L	46602	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	47
2	Isobutane	58	C4H10	000075-28-5	47
3	Isobutane	58	C4H10	000075-28-5	47
4	Isobutane	58	C4H10	000075-28-5	47
5	Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
Data File : VV027638.D
Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

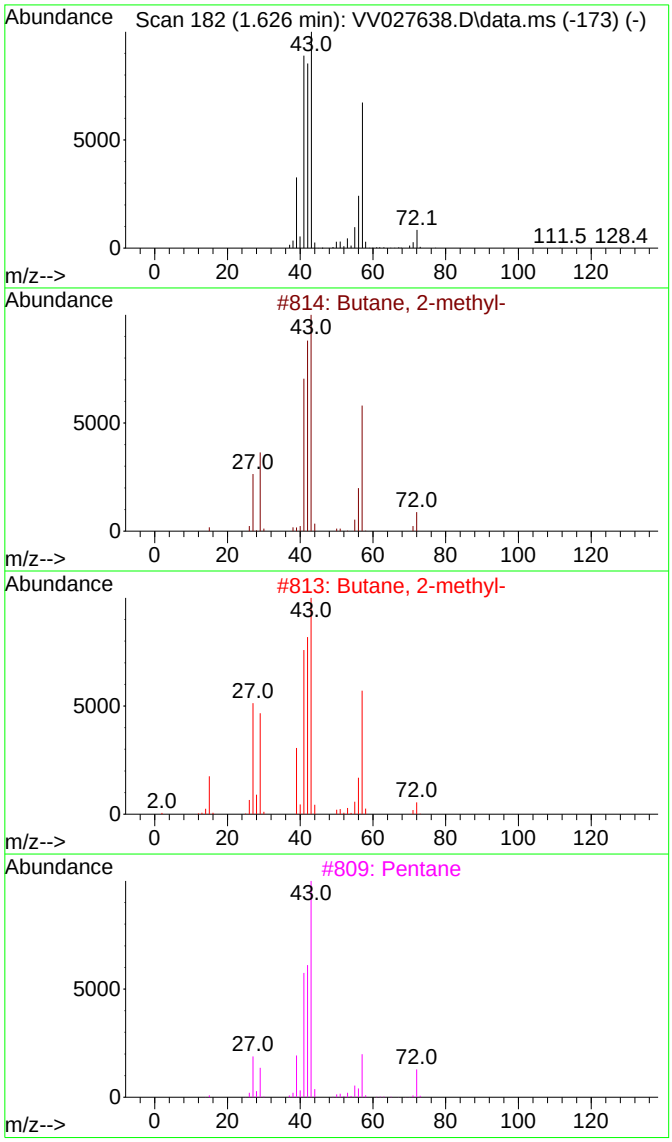
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

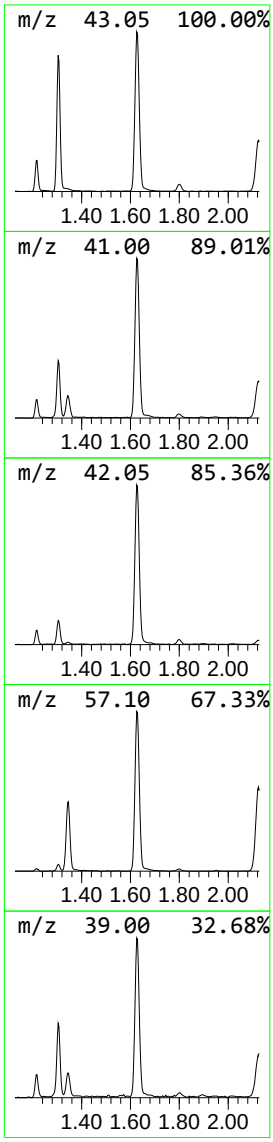
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.626	6.36 ug/L	494303	1,4-Difluorobenzene	5.616

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	45
4	3-Buten-1-ol	72	C4H8O	000627-27-0	40
5	3-Buten-1-ol	72	C4H8O	000627-27-0	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
Data File : VV027638.D
Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

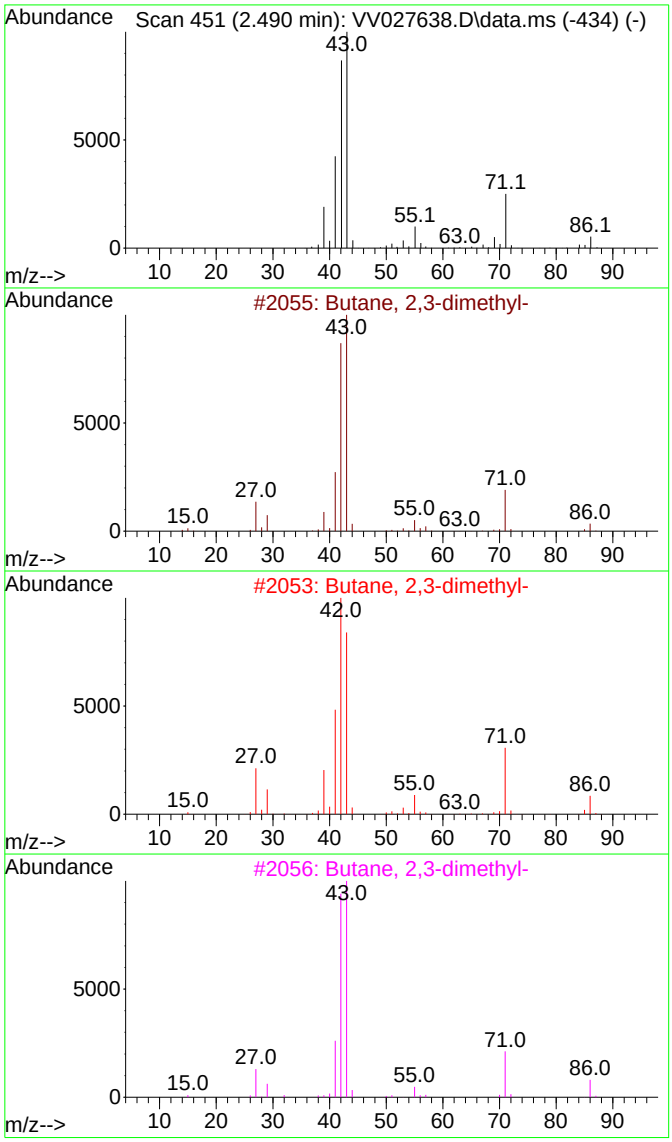
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

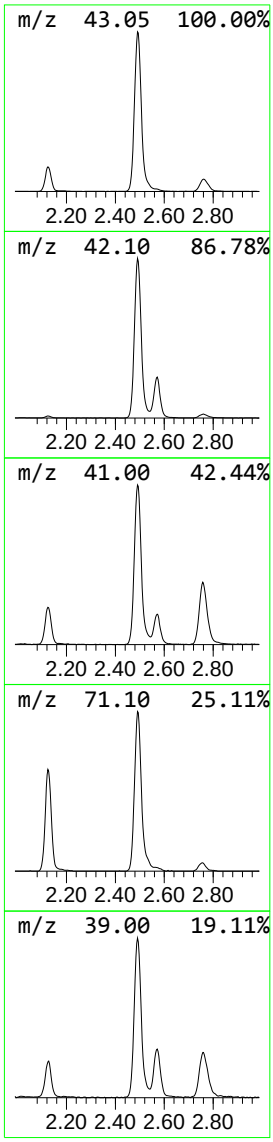
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.490	15.09 ug/L	1173470	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
Data File : VV027638.D
Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

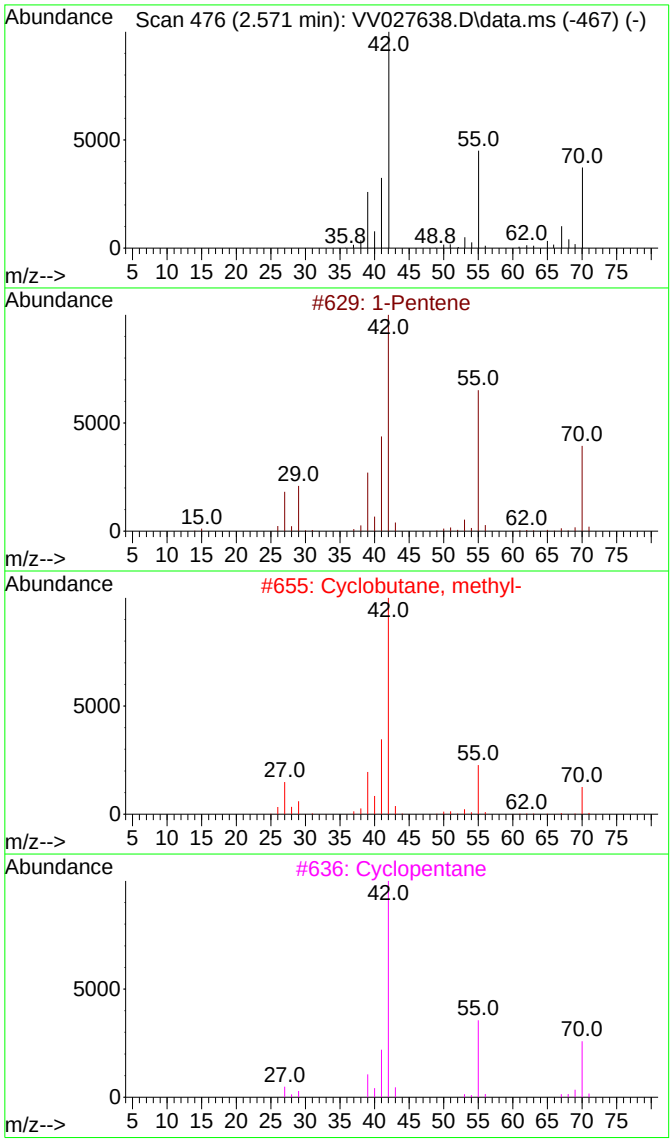
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

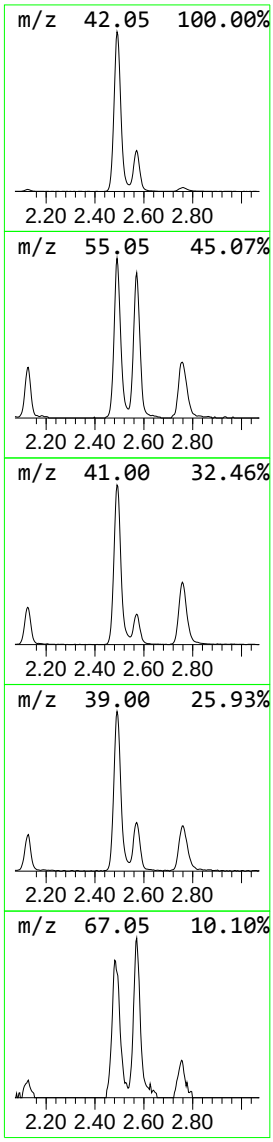
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.571	2.99 ug/L	232885	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	80
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	80
3	Cyclopentane	70	C5H10	000287-92-3	80
4	Cyclopentane	70	C5H10	000287-92-3	64
5	1-Pentene	70	C5H10	000109-67-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
Data File : VV027638.D
Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

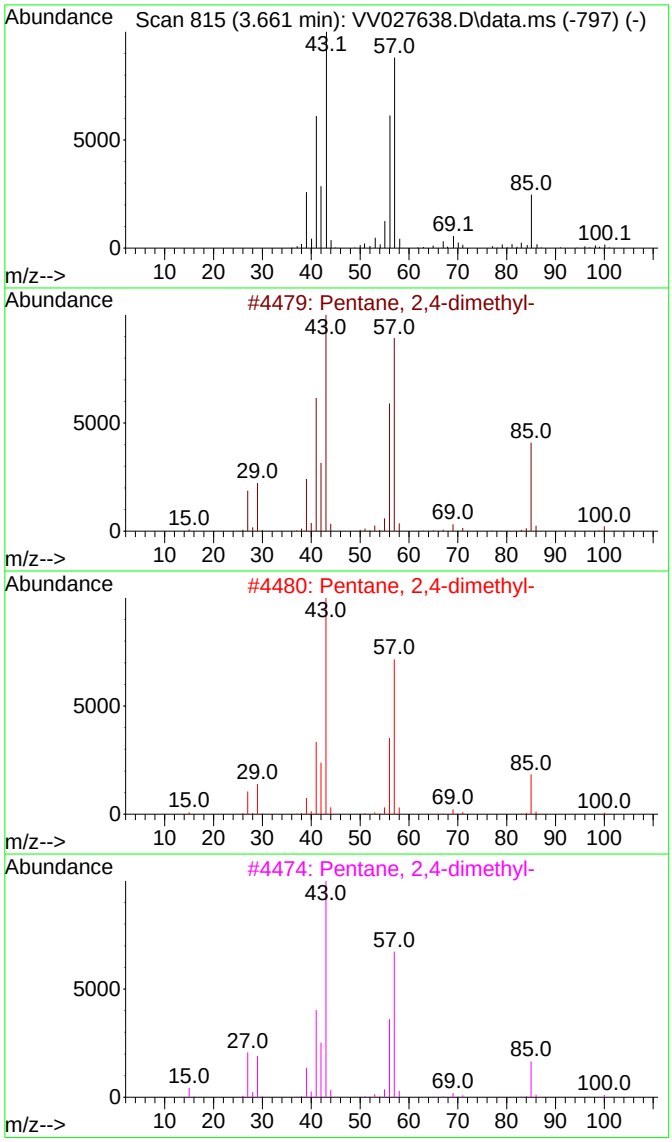
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

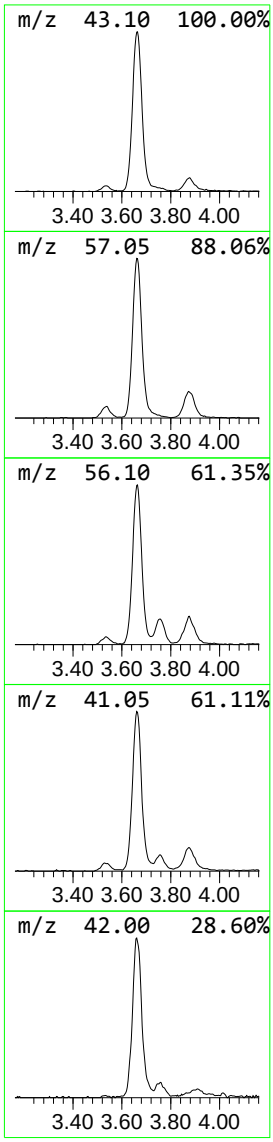
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.661	8.53 ug/L	663048	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	64
5	Heptane, 3-methyl-	114	C8H18	000589-81-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
Data File : VV027638.D
Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

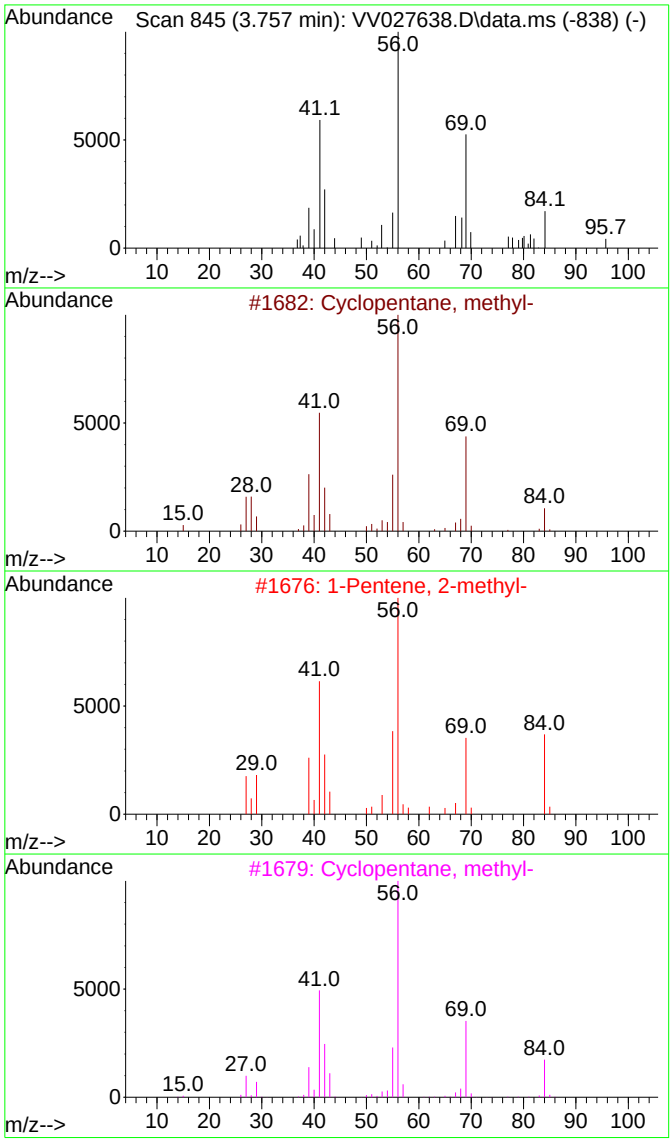
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

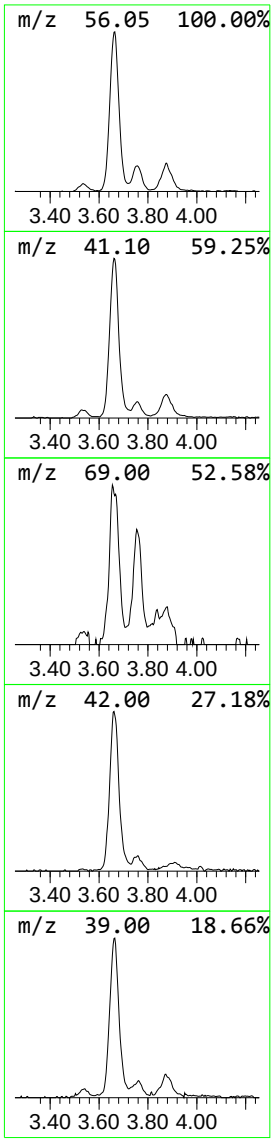
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic3.757 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.757	0.61 ug/L	47116	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	50
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	47
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	38
4	Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	28
5	1-Pentanol, 3-methyl-	102	C6H14O	000589-35-5	25





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Sample : N4366-07
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ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

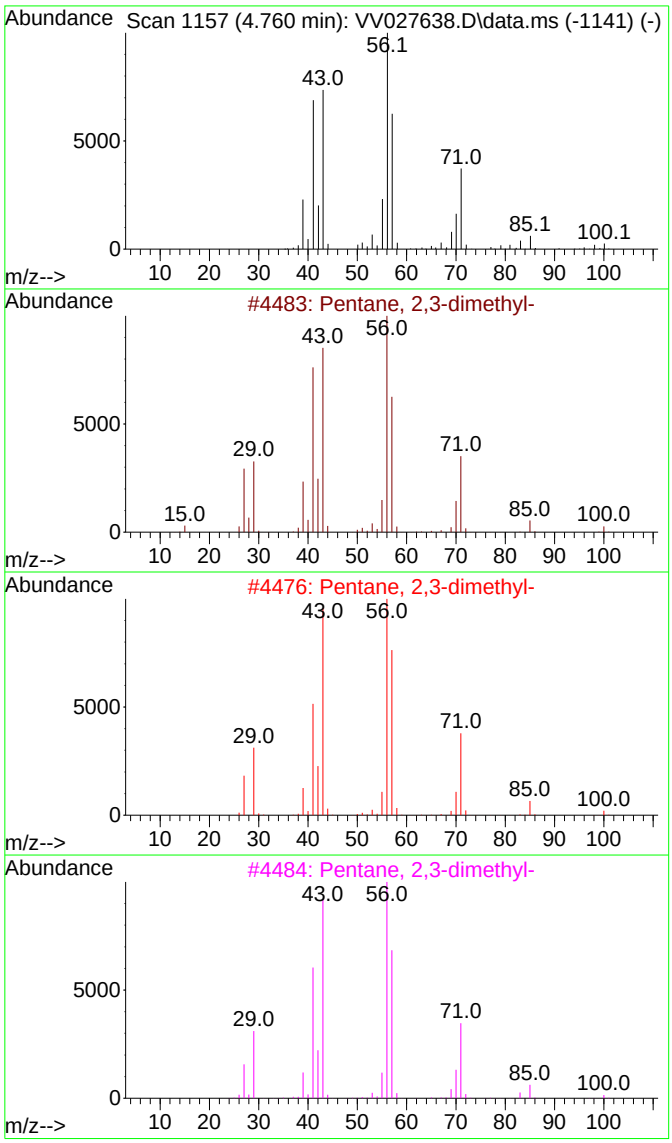
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

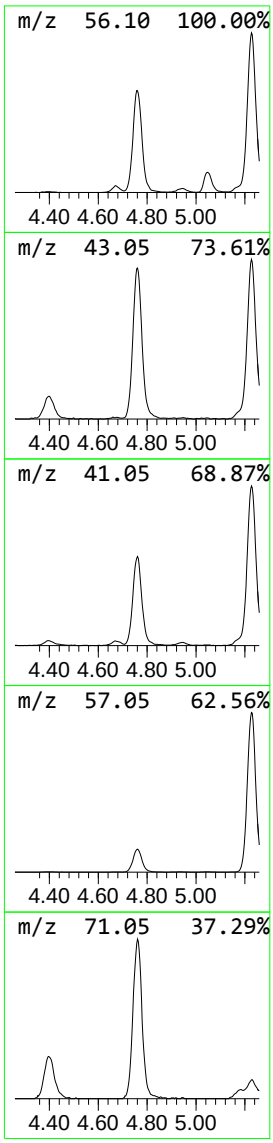
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.760	10.25 ug/L	797107	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
Data File : VV027638.D
Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

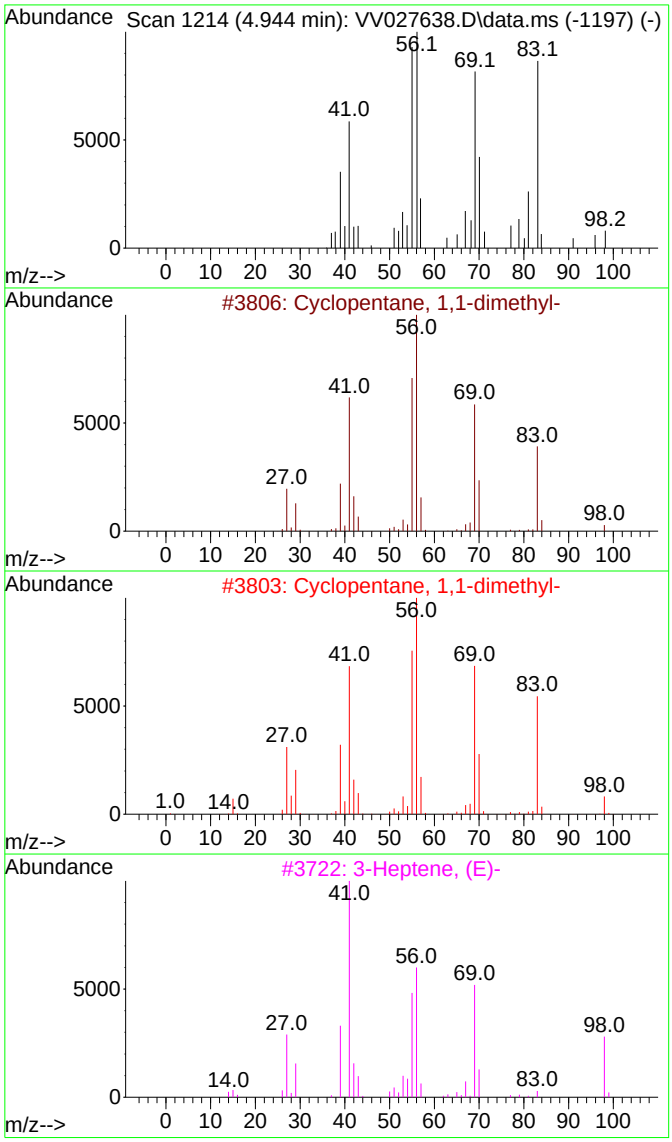
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

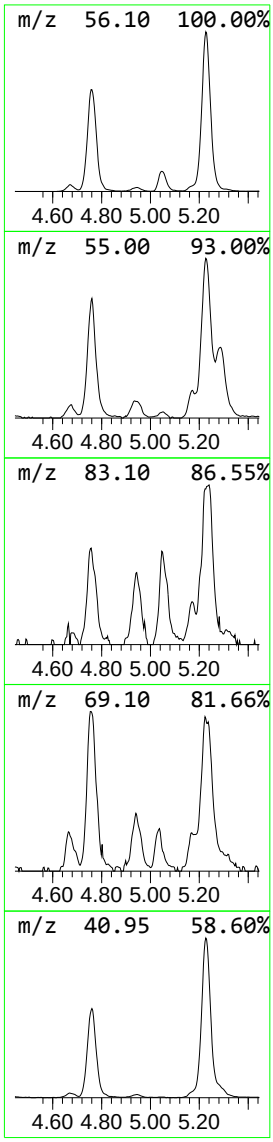
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic4.944 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.944	0.59 ug/L	45543	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	78
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	58
3	3-Heptene, (E)-	98	C7H14	014686-14-7	46
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	46
5	3-Heptene, (E)-	98	C7H14	014686-14-7	43





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Data File : VV027638.D
Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

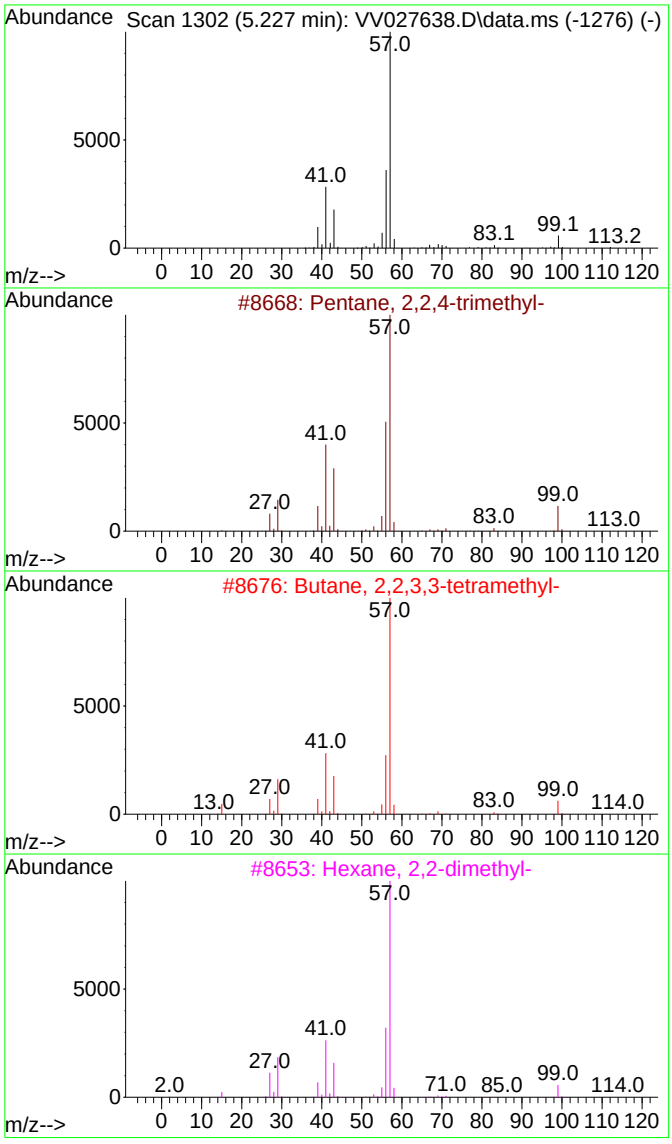
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

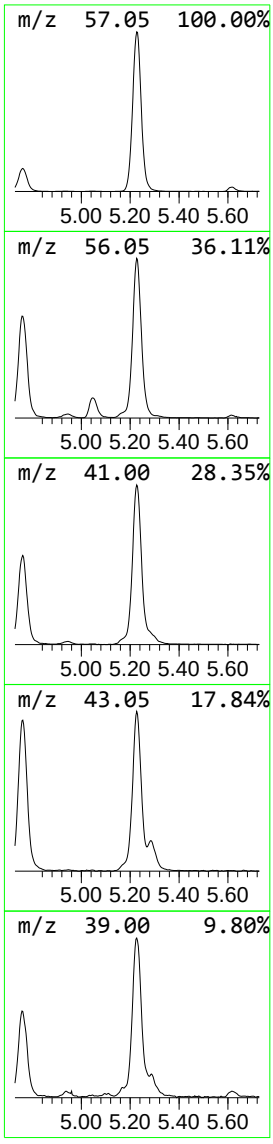
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.227	21.25 ug/L	1652920	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72





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Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

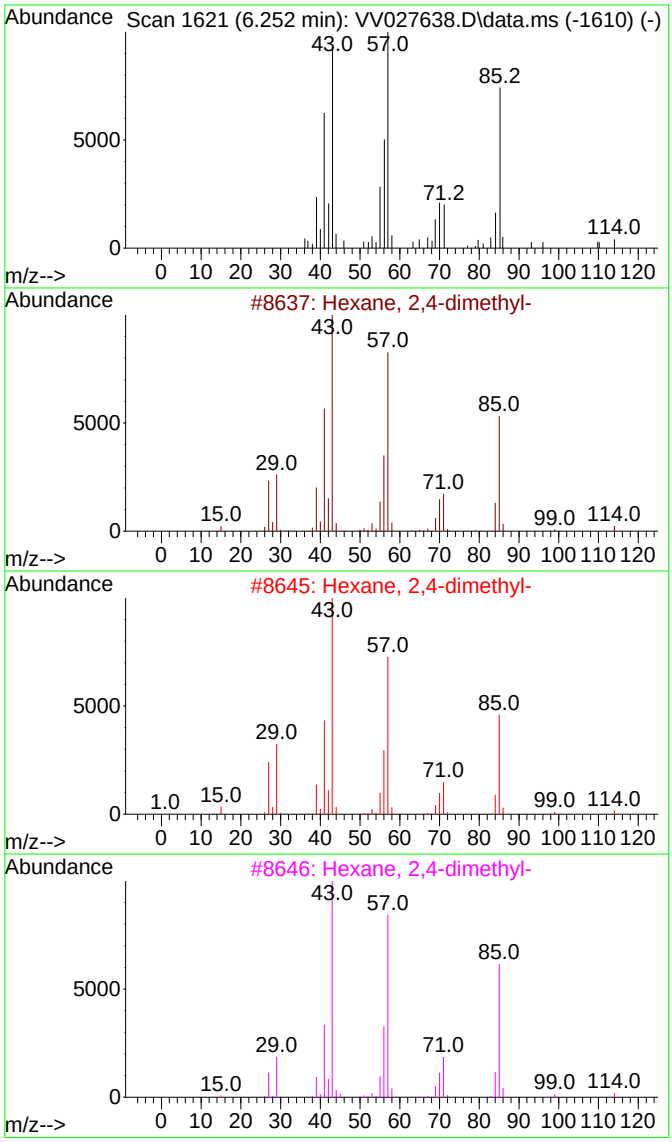
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

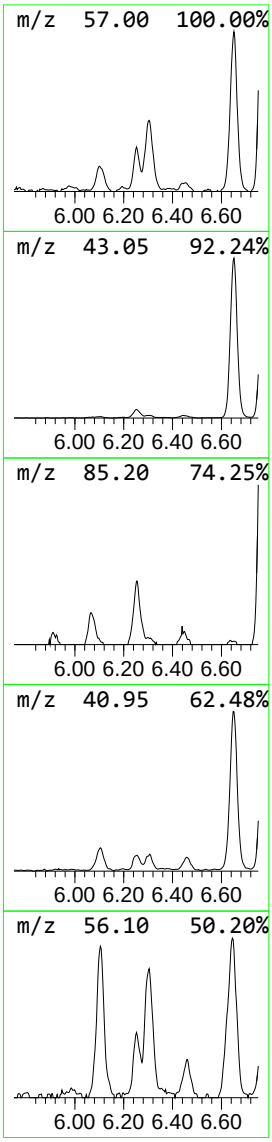
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.252	0.62 ug/L	47913	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	94
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	87
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	83
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	59





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Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

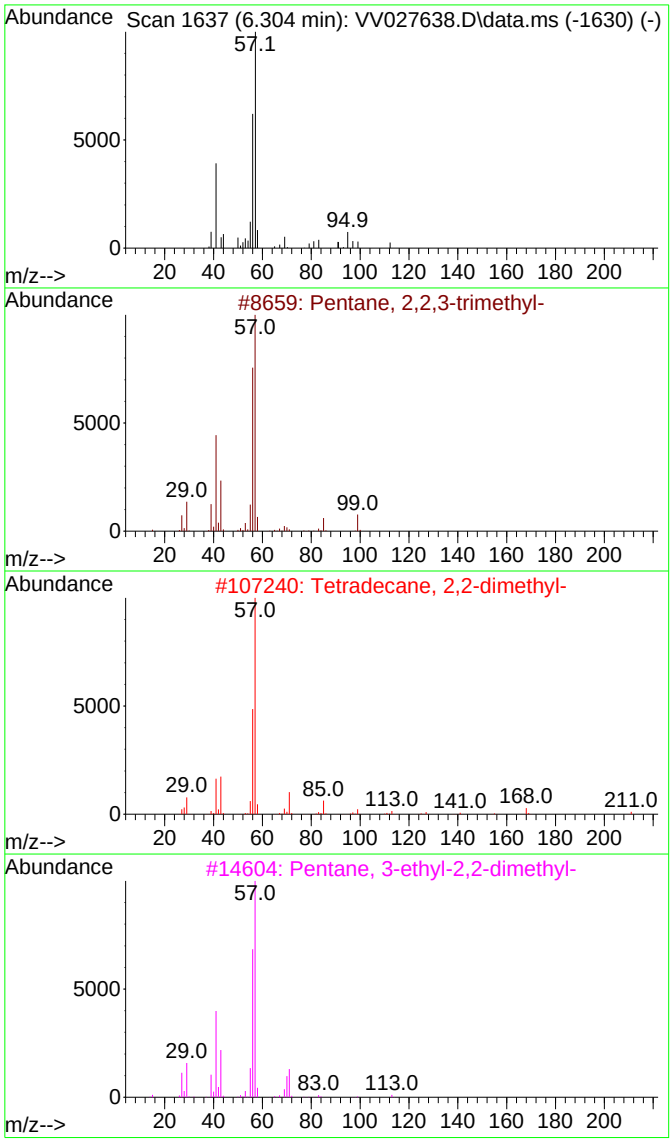
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

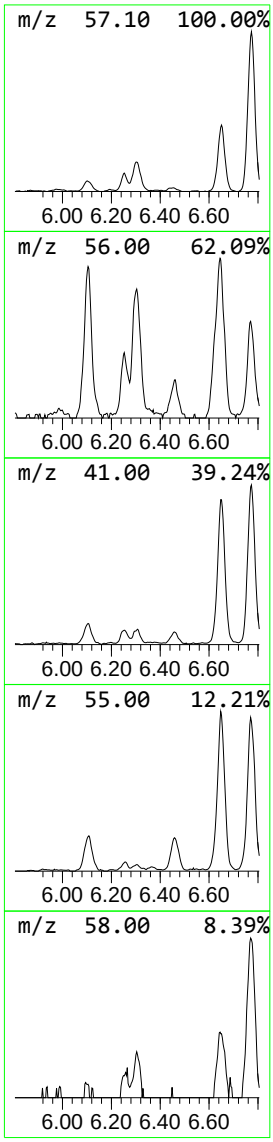
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.304	0.53 ug/L	41236	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	59
2	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	45
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	45
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	45
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	42





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Data File : VV027638.D
Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

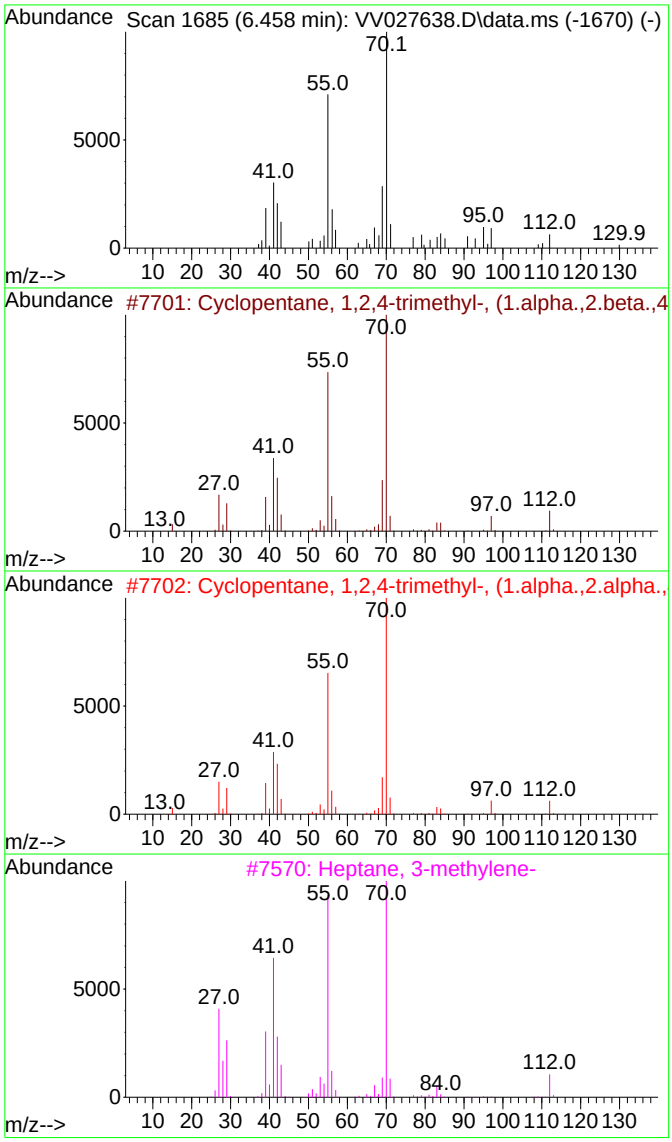
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

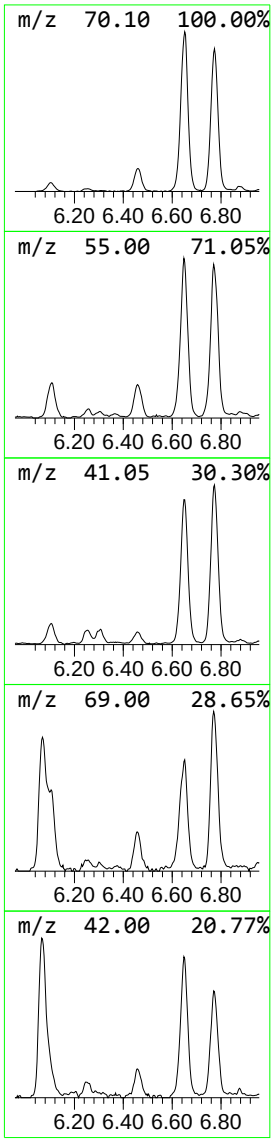
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic6.458 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.458	0.90 ug/L	69812	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	83
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	80
3	Heptane, 3-methylene-	112	C8H16	001632-16-2	64
4	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	64
5	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	59





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Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

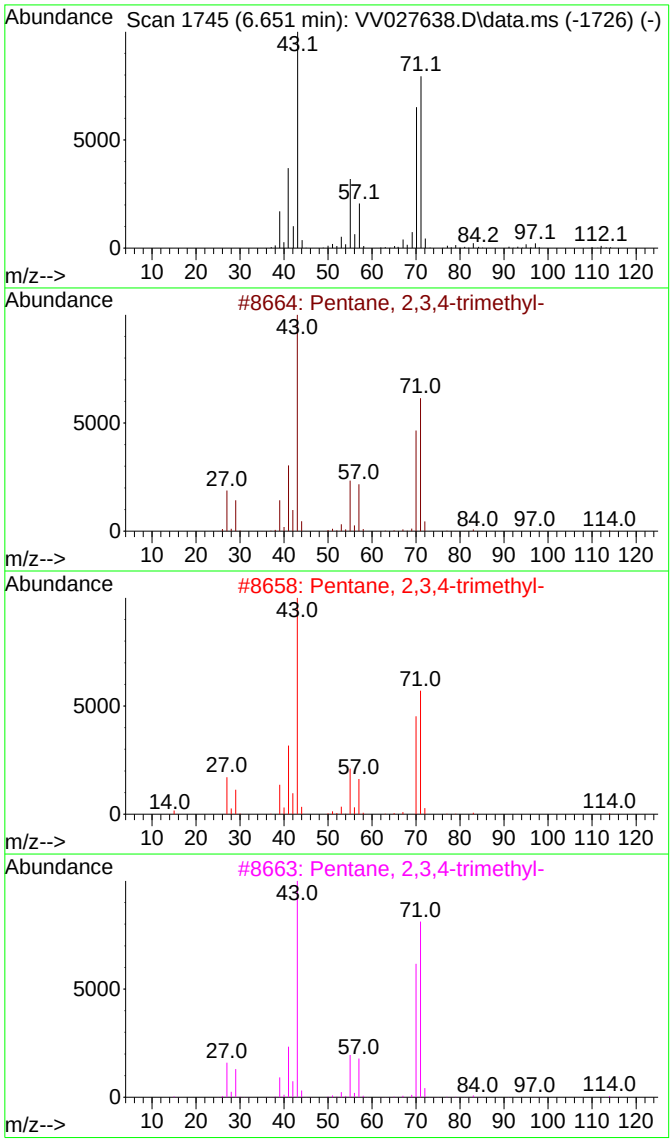
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

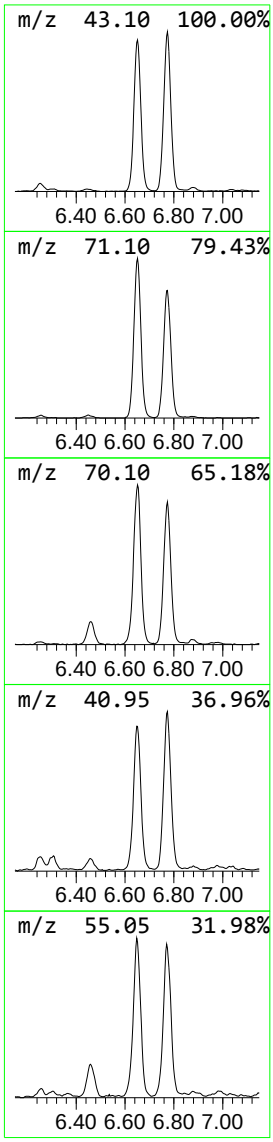
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.651	8.54 ug/L	664253	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	87
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	83
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78





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Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

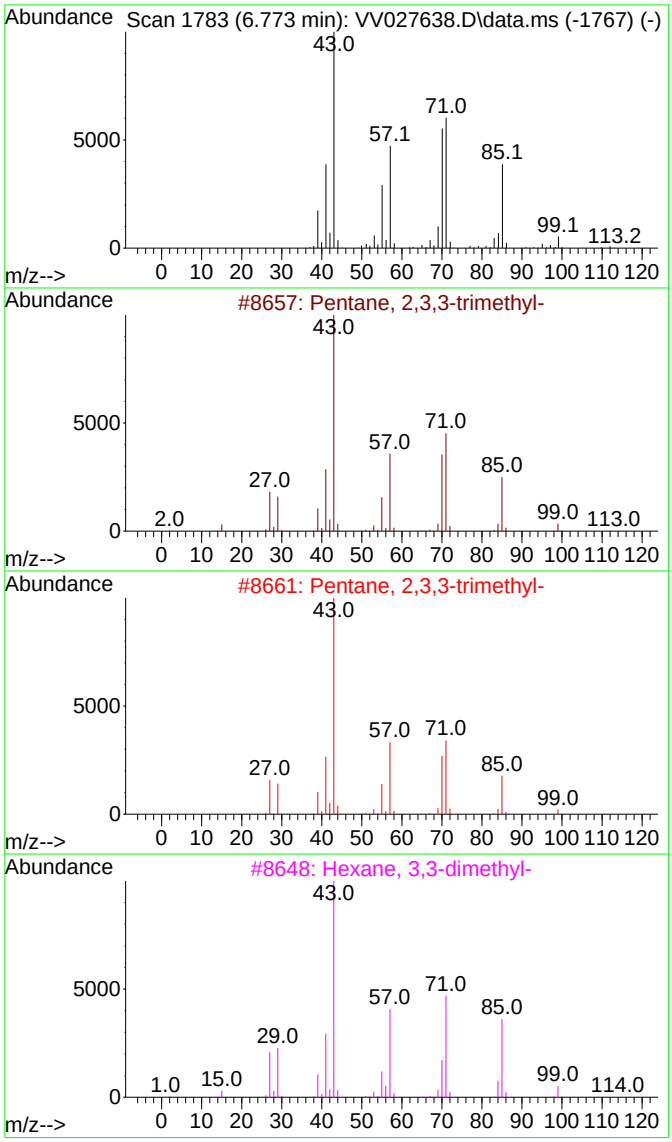
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

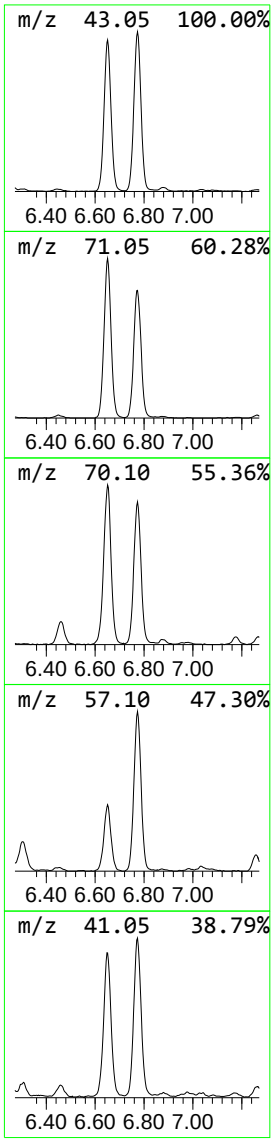
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.773	10.08 ug/L	784259	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	49





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Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

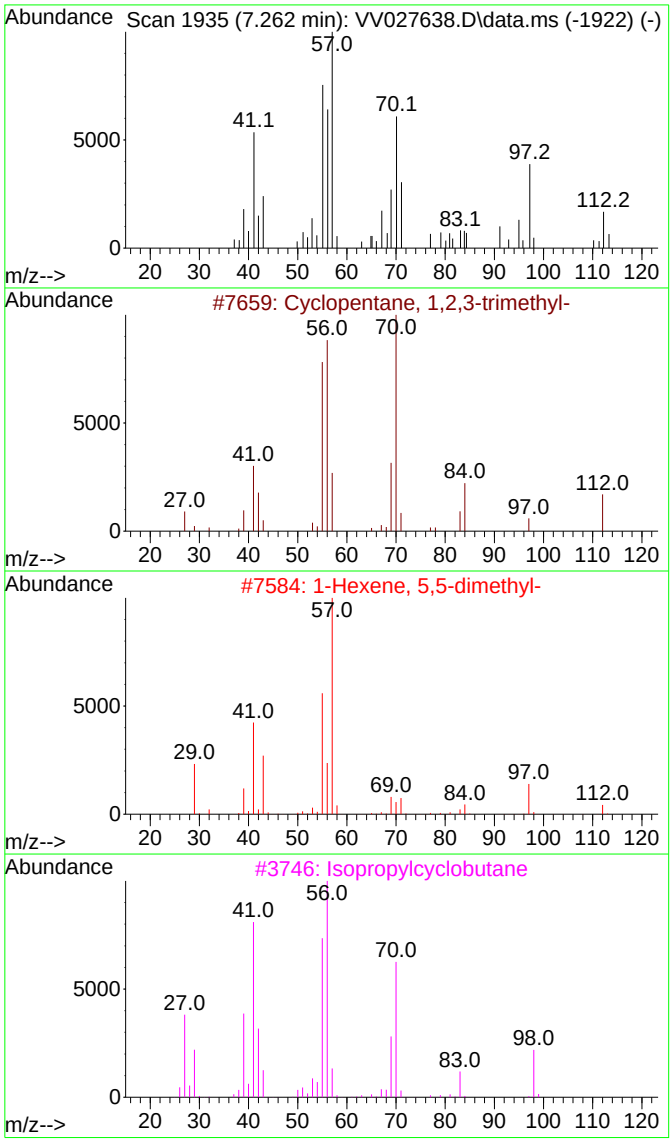
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

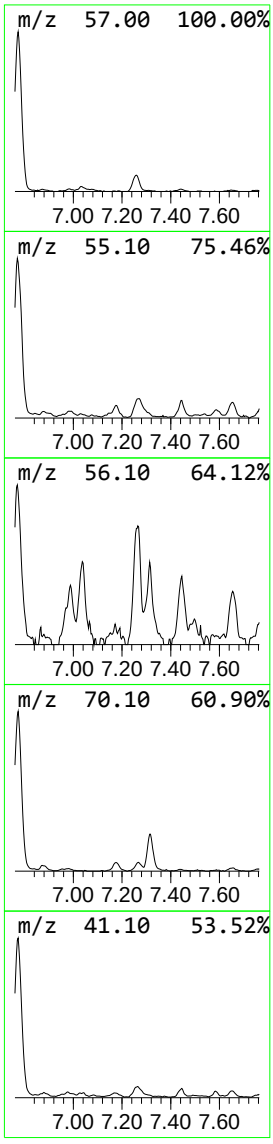
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic7.262 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.262	0.58 ug/L	52380	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	49
2	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	49
3	Isopropylcyclobutane	98	C7H14	000872-56-0	38
4	2-Heptene, 6-methyl-	112	C8H16	073548-72-8	30
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	27





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Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

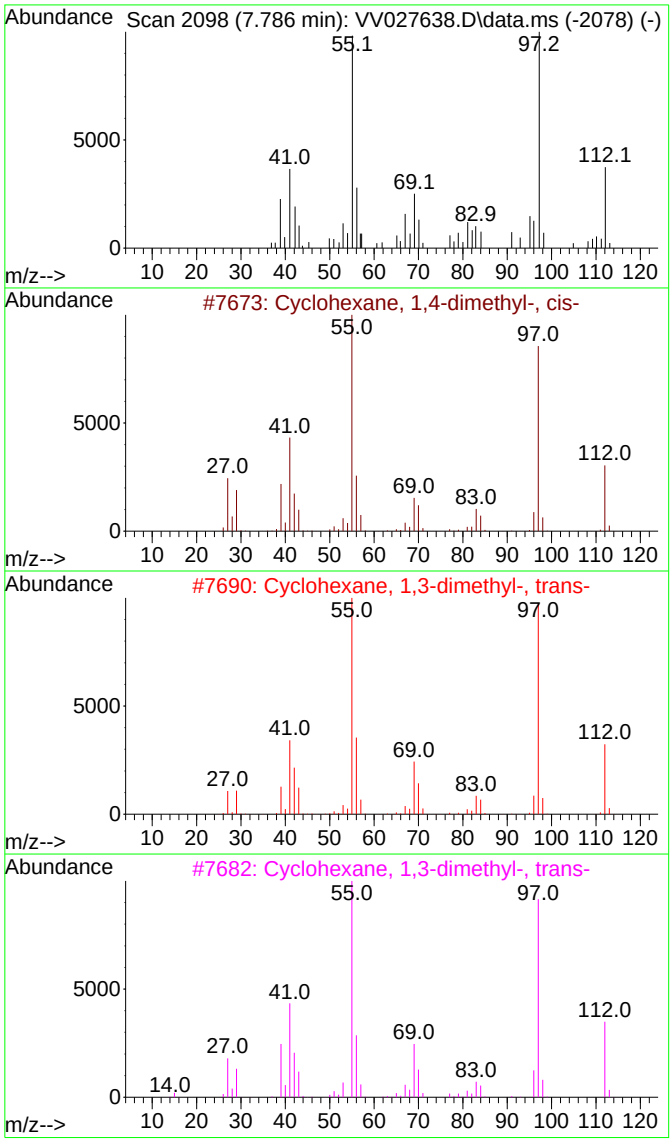
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

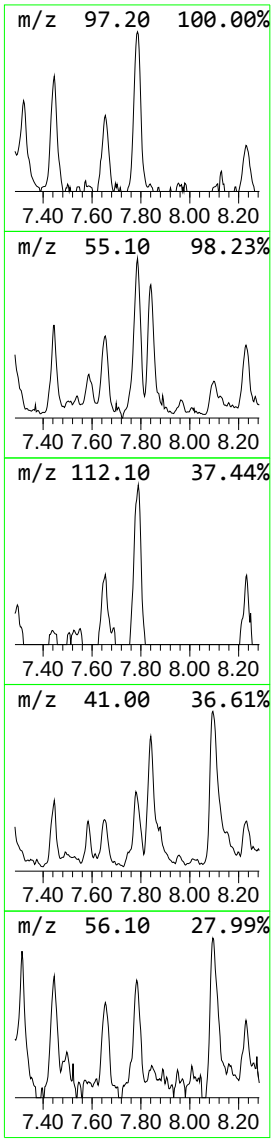
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic7.786 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.786	0.72 ug/L	65053	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	93
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	93
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93





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Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

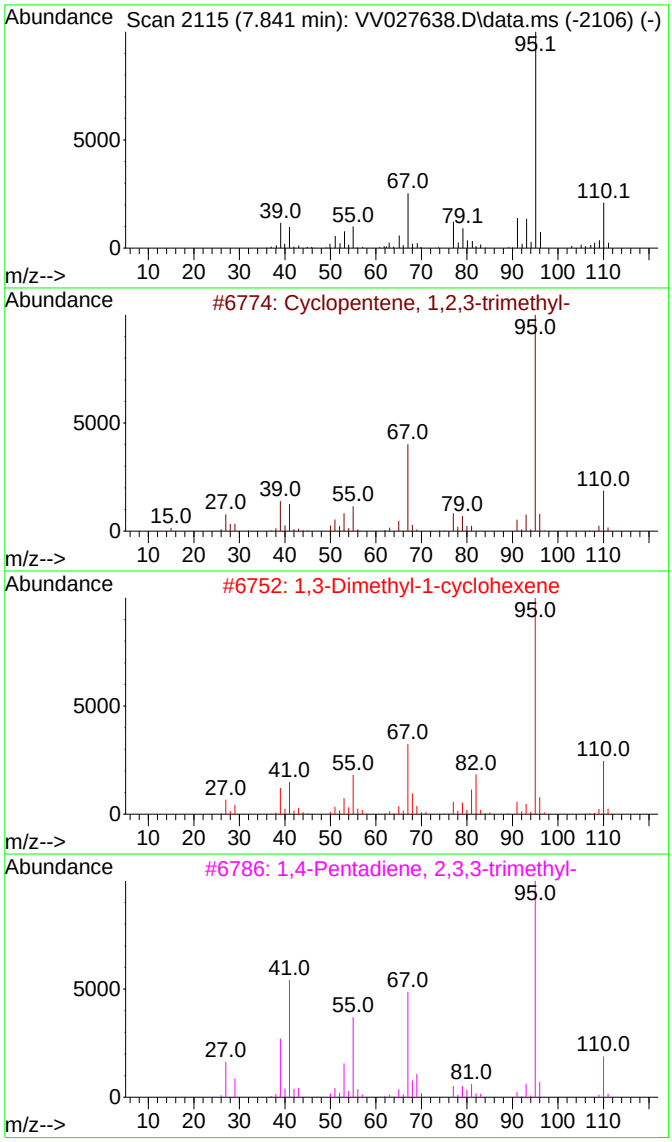
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

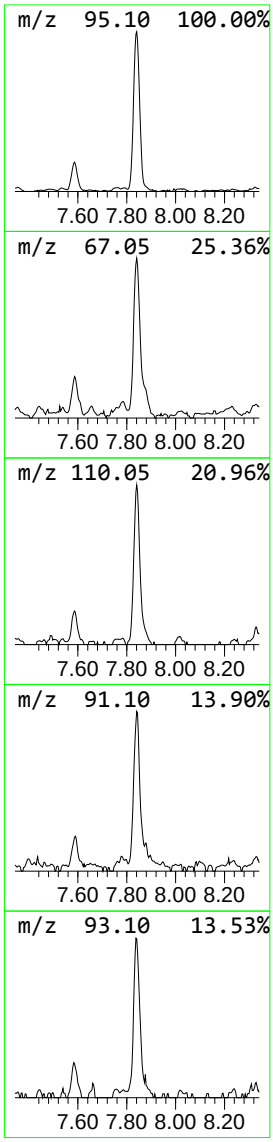
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.841	2.26 ug/L	203279	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	72
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64
5	trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	64





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Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

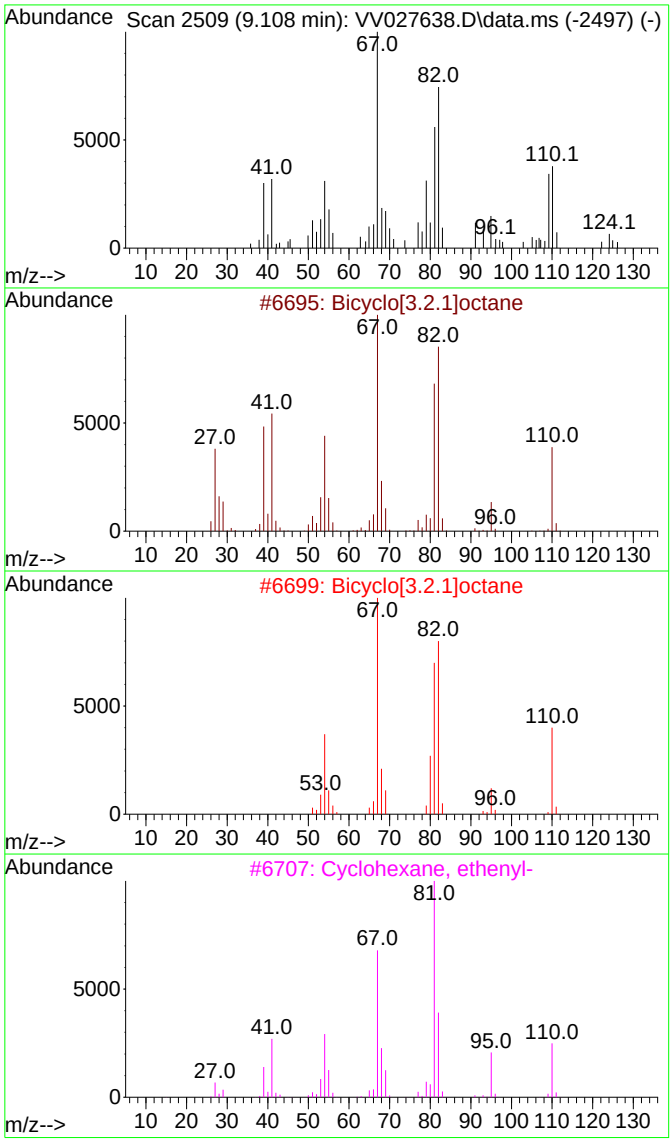
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

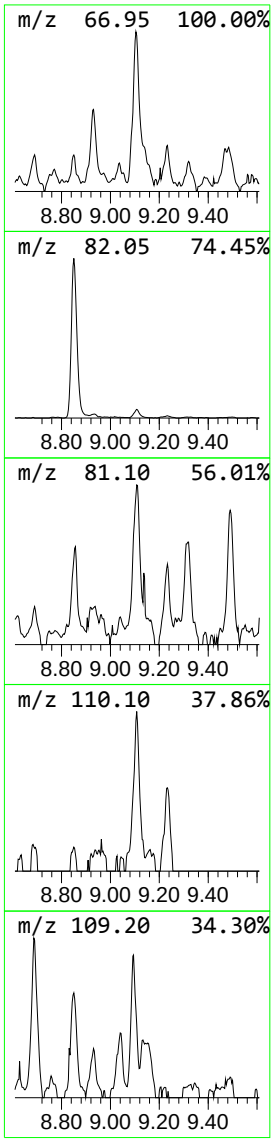
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Bicyclo[3.2.1]octane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.108	1.00 ug/L	90085	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	81
2	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	74
3	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	64
4	Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	58
5	Ethylidenecyclobutane	82	C6H10	001528-21-8	52





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Data File : VV027638.D
Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

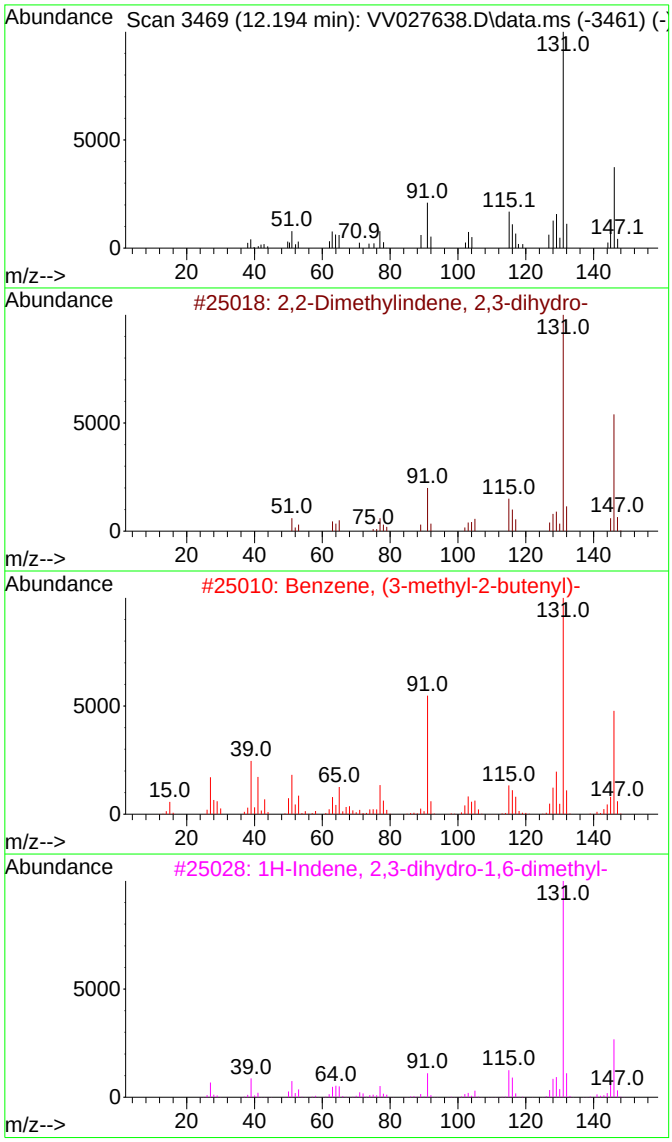
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

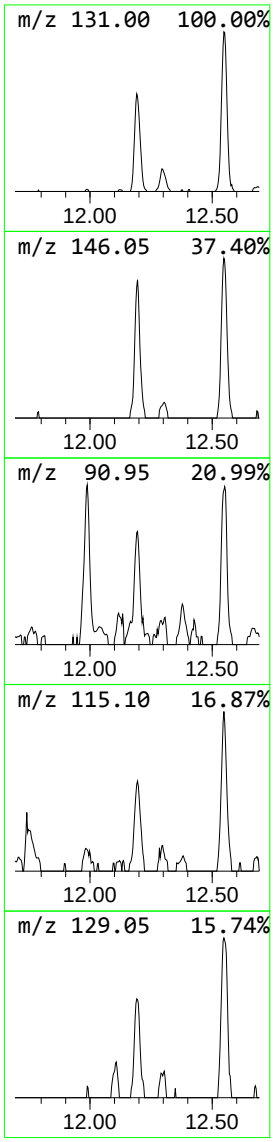
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2,2-Dimethylindene, 2,3-dih... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.194	0.50 ug/L	37347	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	97
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	95
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
Data File : VV027638.D
Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

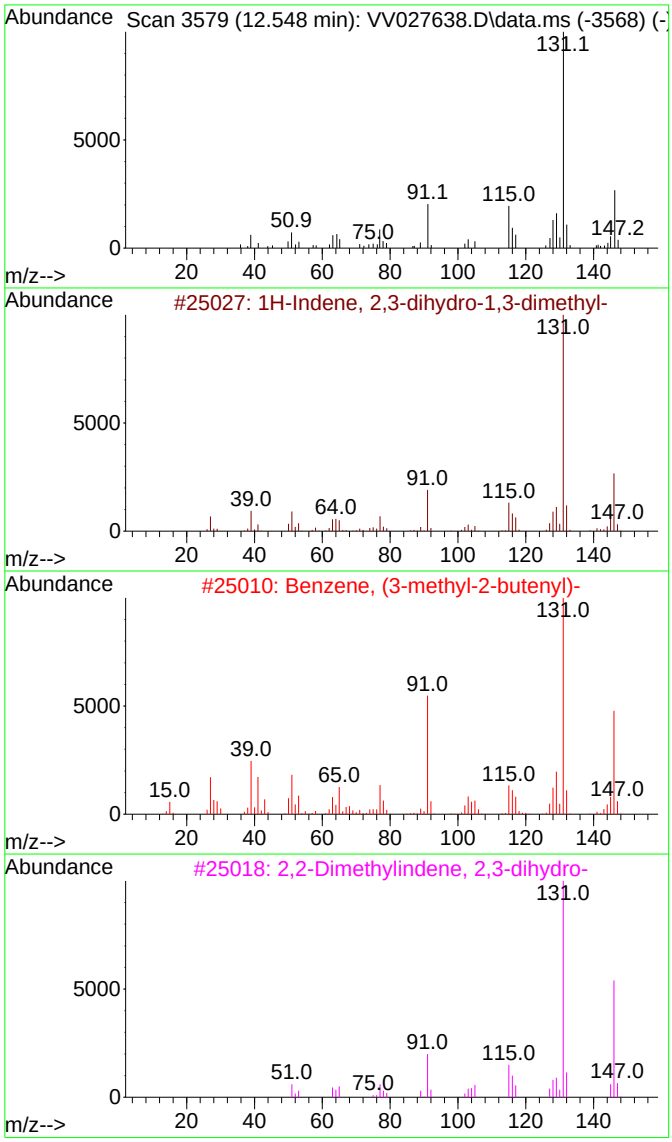
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

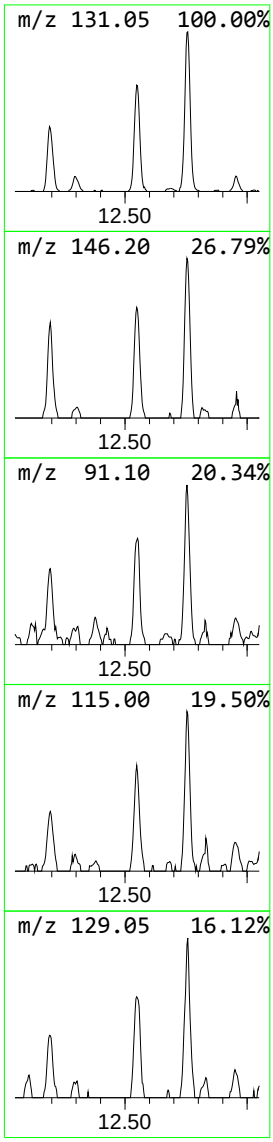
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.548	0.82 ug/L	61011	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	97
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	96
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	95
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
Data File : VV027638.D
Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

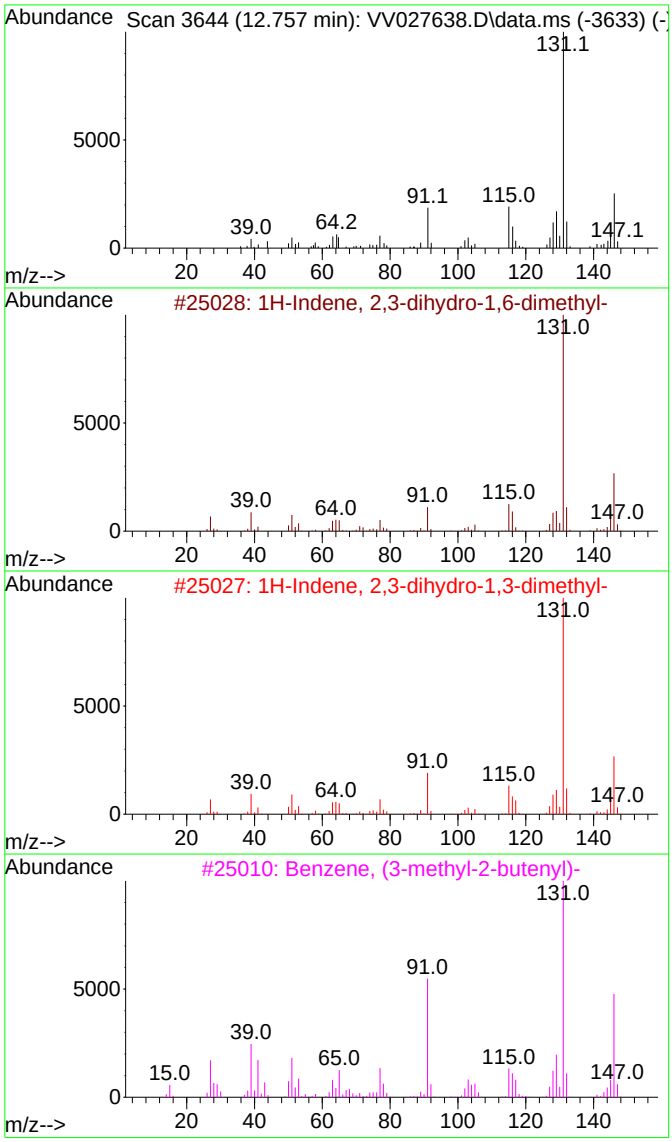
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

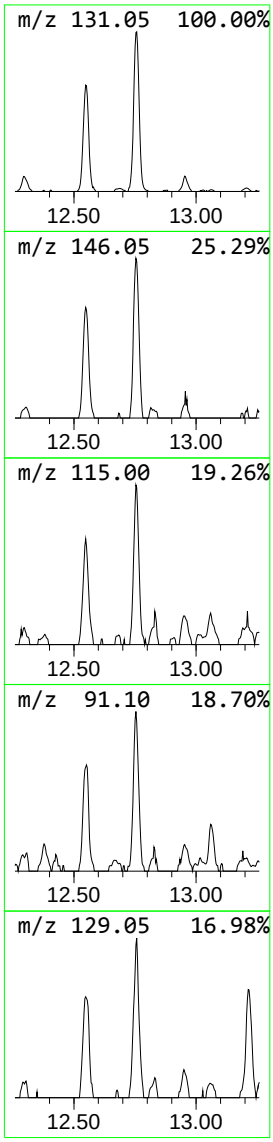
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.757	1.17 ug/L	86479	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	95
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
Data File : VV027638.D
Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

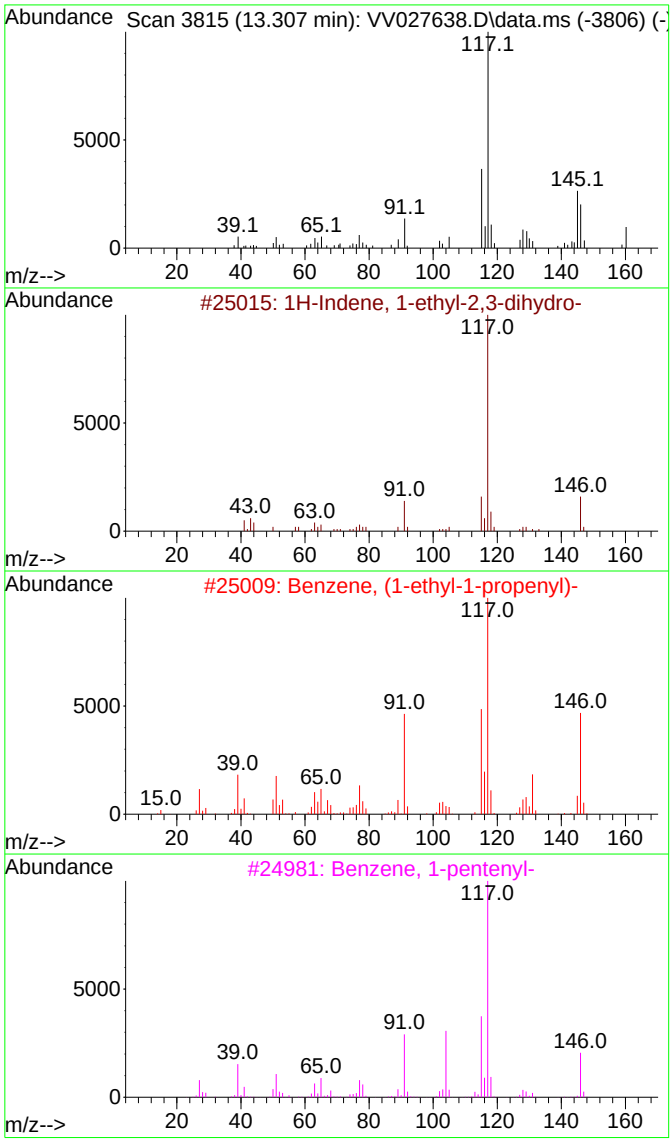
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

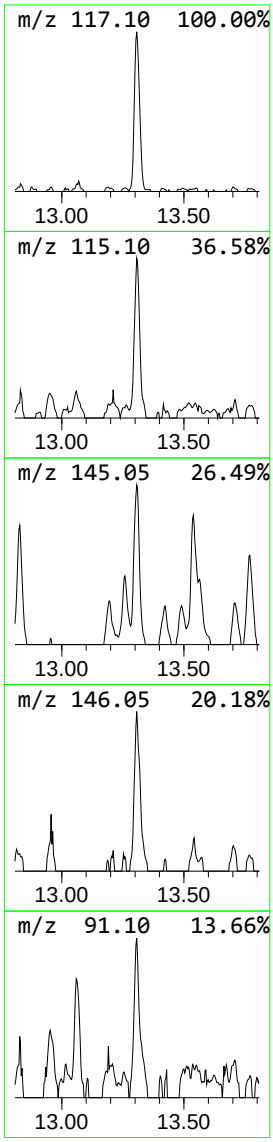
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1H-Indene, 1-ethyl-2,3-dihy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.307	0.78 ug/L	57509	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	76
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	74
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	72
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	72
5	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
Data File : VV027638.D
Acq On : 01 Sep 2022 00:42
Operator : SY/MD
Sample : N4366-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E76

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.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...	1.214	0.6	ug/L	46602	1	5.616	388847	5.0
(DEL) Alkane: S...	1.626	6.4	ug/L	494303	1	5.616	388847	5.0
(DEL) Alkane: S...	2.490	15.1	ug/L	1173470	1	5.616	388847	5.0
(DEL) Alkane: S...	2.571	3.0	ug/L	232885	1	5.616	388847	5.0
(DEL) Alkane: S...	3.661	8.5	ug/L	663048	1	5.616	388847	5.0
(DEL) Alkane: C...	3.757	0.6	ug/L	47116	1	5.616	388847	5.0
(DEL) Alkane: S...	4.760	10.3	ug/L	797107	1	5.616	388847	5.0
(DEL) Alkane: C...	4.944	0.6	ug/L	45543	1	5.616	388847	5.0
(DEL) Alkane: S...	5.227	21.3	ug/L	1652920	1	5.616	388847	5.0
(DEL) Alkane: S...	6.252	0.6	ug/L	47913	1	5.616	388847	5.0
(DEL) Alkane: S...	6.304	0.5	ug/L	41236	1	5.616	388847	5.0
(DEL) Alkane: C...	6.458	0.9	ug/L	69812	1	5.616	388847	5.0
(DEL) Alkane: S...	6.651	8.5	ug/L	664253	1	5.616	388847	5.0
(DEL) Alkane: S...	6.773	10.1	ug/L	784259	1	5.616	388847	5.0
(DEL) Alkane: C...	7.262	0.6	ug/L	52380	2	8.850	449430	5.0
(DEL) Alkane: C...	7.786	0.7	ug/L	65053	2	8.850	449430	5.0
Cyclopentene, 1...	7.841	2.3	ug/L	203279	2	8.850	449430	5.0
Bicyclo[3.2.1]o...	9.108	1.0	ug/L	90085	2	8.850	449430	5.0
2,2-Dimethylind...	12.194	0.5	ug/L	37347	3	11.249	369858	5.0
1H-Indene, 2,3-...	12.548	0.8	ug/L	61011	3	11.249	369858	5.0
1H-Indene, 2,3-...	12.757	1.2	ug/L	86479	3	11.249	369858	5.0
1H-Indene, 1-et...	13.307	0.8	ug/L	57509	3	11.249	369858	5.0