LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

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\SFAMVTR112321WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV023831.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.201	44	50	60	rVB	78946	70451	7.66%	0.803%
2	1.307	76	83	93	rBV	64259	64400	7.00%	0.734%
3	1.568	156	164	175	rBV	54544	65420	7.11%	0.746%
4	1.635	176	185	197	rVV	102345	128014	13.91%	1.459%
5	1.806	230	238	252	rVB	93244	119941	13.04%	1.367%
6	2.108	320	332	352	rVB	112662	179550	19.52%	2.047%
7	2.442	421	436	445	rBV5	8546	20798	2.26%	0.237%
8	2.532	445	464	473	rVV3	56554	154097	16.75%	1.757%
9	2.577	474	478	499	rVB4	17182	37455	4.07%	0.427%
10	2.760	521	535	555	rVB2	47303	96910	10.53%	1.105%
11	2.953	581	595	610	rBV4	16413	35953	3.91%	0.410%
12	3.043	610	623	638	rVB2	39637	80192	8.72%	0.914%
13	3.159	647	659	669	rBV6	4264	9582	1.04%	0.109%
14	3.223	669	679	687	rVV4	8591	18758	2.04%	0.214%
15	3.272	689	694	708	rVB3	6942	14831	1.61%	0.169%
16	3.368	712	724	736	rBV6	5314	11941	1.30%	0.136%
17	3.445	736	748	762	rBV8	5884	17446	1.90%	0.199%
18	3.764	829	847	864	rBV2	71498	181598	19.74%	2.070%
19	3.918	882	895	923	rBV3	51809	196191	21.33%	2.237%
20	4.349	1014	1029	1061	rBV2	91830	252306	27.42%	2.876%
21	4.677	1114	1131	1146	rBV3	63305	160729	17.47%	1.832%
22	4.760	1149	1157	1185	rVB10	9857	33874	3.68%	0.386%
23	4.908	1189	1203	1230	rBV9	7494	27136	2.95%	0.309%
24	5.050	1230	1247	1273	rBV2	193925	500674	54.42%	5.708%
25	5.320	1319	1331	1345	rVB6	13809	32940	3.58%	0.376%
26	5.497	1373	1386	1398	rBV7	5749	12954	1.41%	0.148%
27	5.619	1413	1424	1451	rBV	167136	375507	40.82%	4.281%
28	5.931	1507	1521	1543	rVB6	34066	81320	8.84%	0.927%
29	6.072	1549	1565	1576	rBV	111706	236862	25.75%	2.700%
30	6.365	1645	1656	1665	rBV9	4402	9213	1.00%	0.105%
31	6.564	1702	1718	1720	rBV10	7545	15835	1.72%	0.181%
32	6.809	1781	1794	1805	rVB2	7865	13825	1.50%	0.158%
33	6.989	1841	1850	1875	rVB	56913	110701	12.03%	1.262%
34	7.169	1896	1906	1916	rVB5	8317	13886	1.51%	0.158%
35	7.317	1929	1952	1967	rBV	242424	432369	47.00%	4.929%
36	7.394	1967	1976	1986	rVB	26323	45635	4.96%	0.520%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

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\SFAMVTR112321WMA.M
Title : TRACE VOA SFAM1.0

37	7.625	2040	2048	2067	rVB3	31778	59612	6.48%	0.680%
38	7.841	2107	2115	2126	rBV4	5189	9270	1.01%	0.106%
39	7.976	2138	2157	2175	rBV	542807	919990	100.00%	10.488%
40	8.091	2183	2193	2216	rBV	226284	441826	48.03%	5.037%
41	8.853	2419	2430	2446	rBV	249938	409126	44.47%	4.664%
42	9.014	2470	2480	2502	rVB	143813	231700	25.19%	2.641%
43	9.140	2507	2519	2535	rBV	193296	317054	34.46%	3.614%
44	9.545	2634	2645	2665	rBV	44282	72324	7.86%	0.824%
45	9.931	2752	2765	2780	rBV2	11786	19077	2.07%	0.217%
46	10.217	2843	2854	2869	rBV	83269	135583	14.74%	1.546%
47	10.355	2883	2897	2915	rBV	33215	55644	6.05%	0.634%
48	10.448	2915	2926	2929	rBV	46588	62213	6.76%	0.709%
49	10.538	2946	2954	2968	rVB3	26190	41164	4.47%	0.469%
50	10.738	3004	3016	3037	rVB	51496	82084	8.92%	0.936%
51	10.914	3057	3071	3089	rBV	264867	399621	43.44%	4.556%
52	11.249	3164	3175	3193	rBV	288331	443273	48.18%	5.053%
53	11.336	3193	3202	3215	rVB2	22277	34013	3.70%	0.388%
54	11.529	3251	3262	3273	rBV	88252	153794	16.72%	1.753%
55	11.625	3282	3292	3313	rVB	267012	446100	48.49%	5.086%
56	11.911	3370	3381	3387	rBV	21166	32229	3.50%	0.367%
57	11.940	3387	3390	3401	rVB2	13201	16149	1.76%	0.184%
58	12.014	3403	3413	3420	rBV	39315	59709	6.49%	0.681%
59	12.114	3434	3444	3462	rBV	45851	76466	8.31%	0.872%
60	12.413	3528	3537	3546	rBV2	26672	40135	4.36%	0.458%
61	12.467	3546	3554	3564	rVB2	32764	48255	5.25%	0.550%
62	12.725	3626	3634	3651	rVB2	31724	49811	5.41%	0.568%
63	12.882	3666	3683	3696	rBV2	65092	106572	11.58%	1.215%
64	12.950	3696	3704	3714	rVB7	5937	9487	1.03%	0.108%
65	13.049	3727	3735	3748	rVB7	9389	16239	1.77%	0.185%
66	13.217	3779	3787	3795	rVB2	9701	14779	1.61%	0.168%
67	13.271	3795	3804	3810	rBV7	8993	13839	1.50%	0.158%
68	13.503	3866	3876	3888	rBV2	40922	68879	7.49%	0.785%
69	14.635	4220	4228	4239	rBV3	10219	16827	1.83%	0.192%
70	14.818	4275	4285	4296	rBV3	5580	9813	1.07%	0.112%

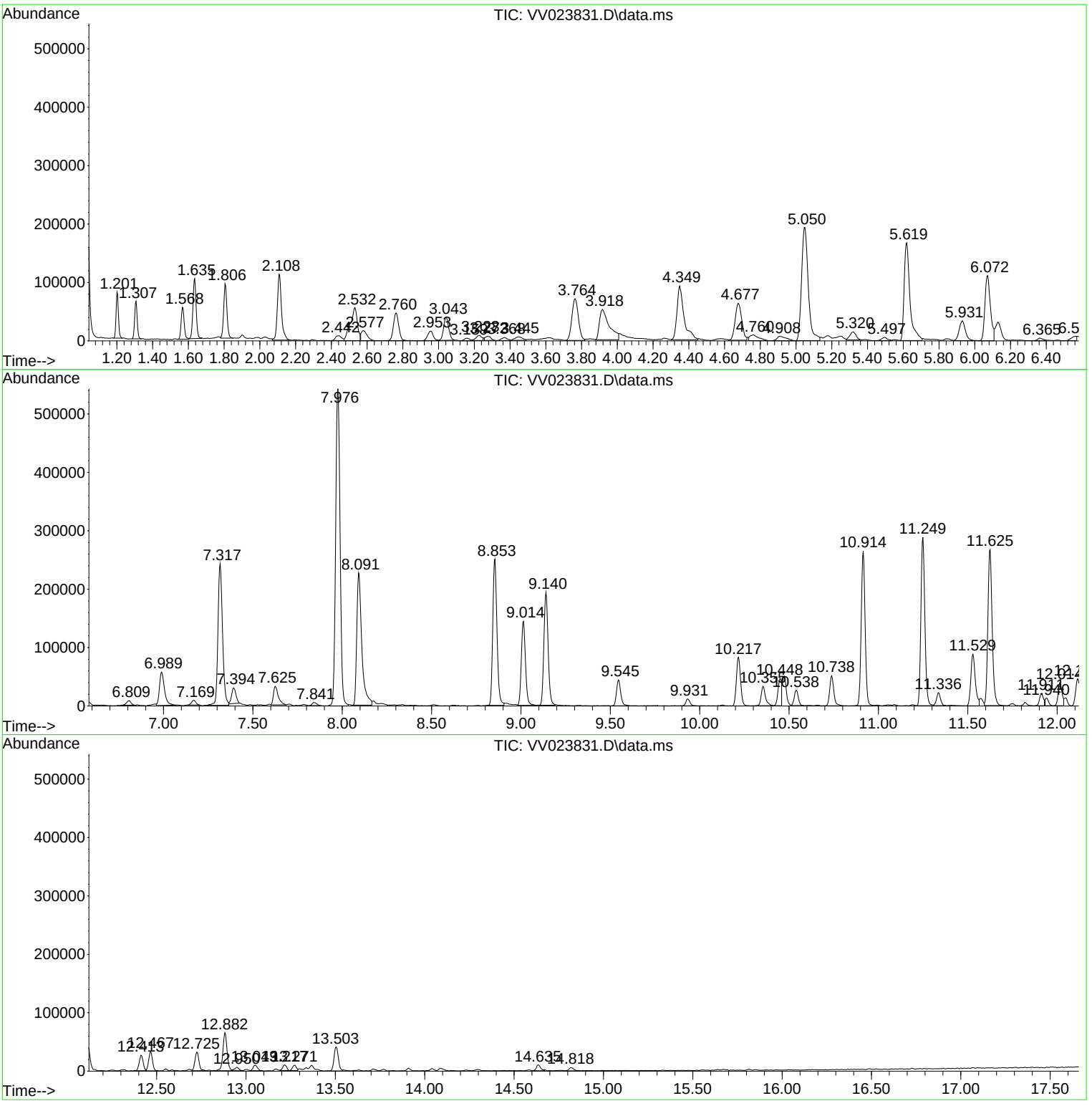
Sum of corrected areas: 8771951

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.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\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

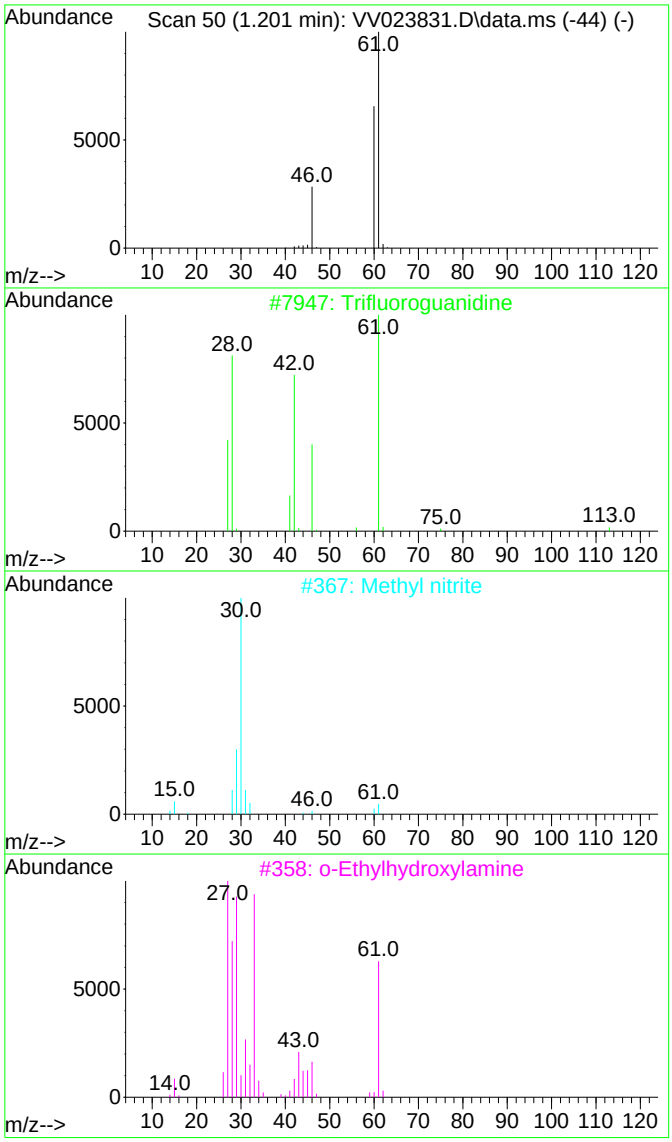
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

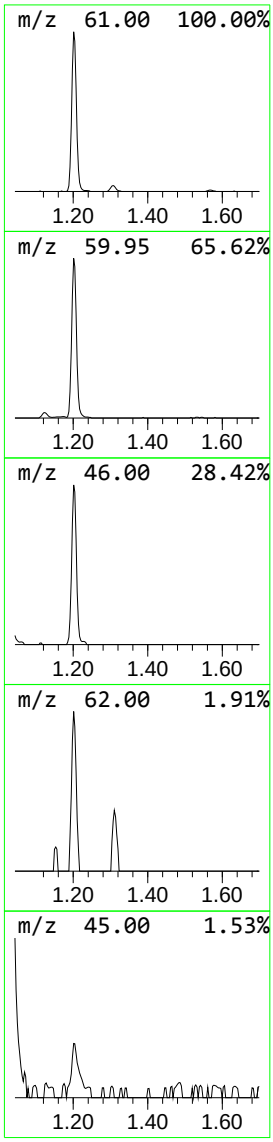
****

Peak Number 1 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.201	0.94 ug/L	70451	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroguanidine	113	CH2F3N3	037950-72-4	9
2	Methyl nitrite	61	CH3NO2	000624-91-9	5
3	o-Ethylhydroxylamine	61	C2H7NO	000624-86-2	4
4	Methanamine, N-methoxy-	61	C2H7NO	001117-97-1	4
5	Cyanogen chloride	61	CClN	000506-77-4	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

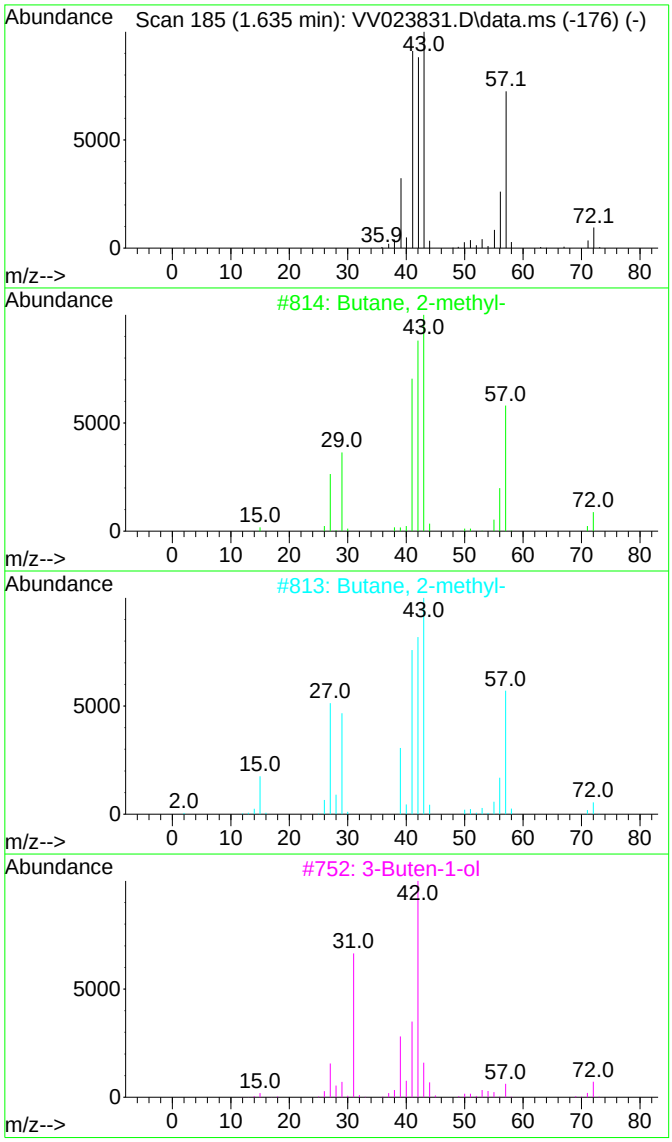
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

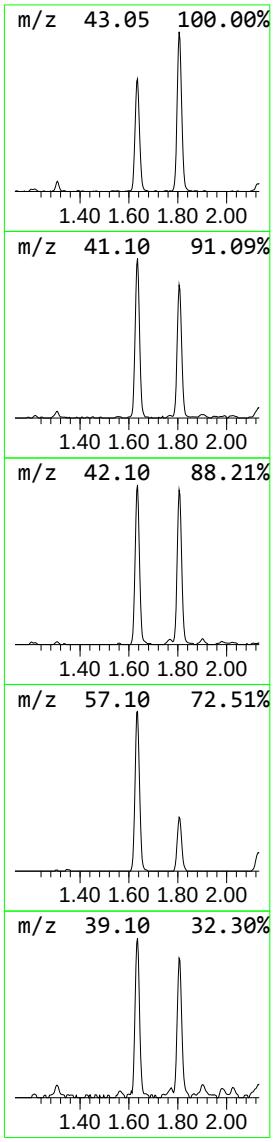
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.635	1.70 ug/L	128014	1,4-Difluorobenzene	5.619

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	80
3	3-Buten-1-ol	72	C4H8O	000627-27-0	47
4	Isobutylene epoxide	72	C4H8O	000558-30-5	40
5	Pentane	72	C5H12	000109-66-0	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

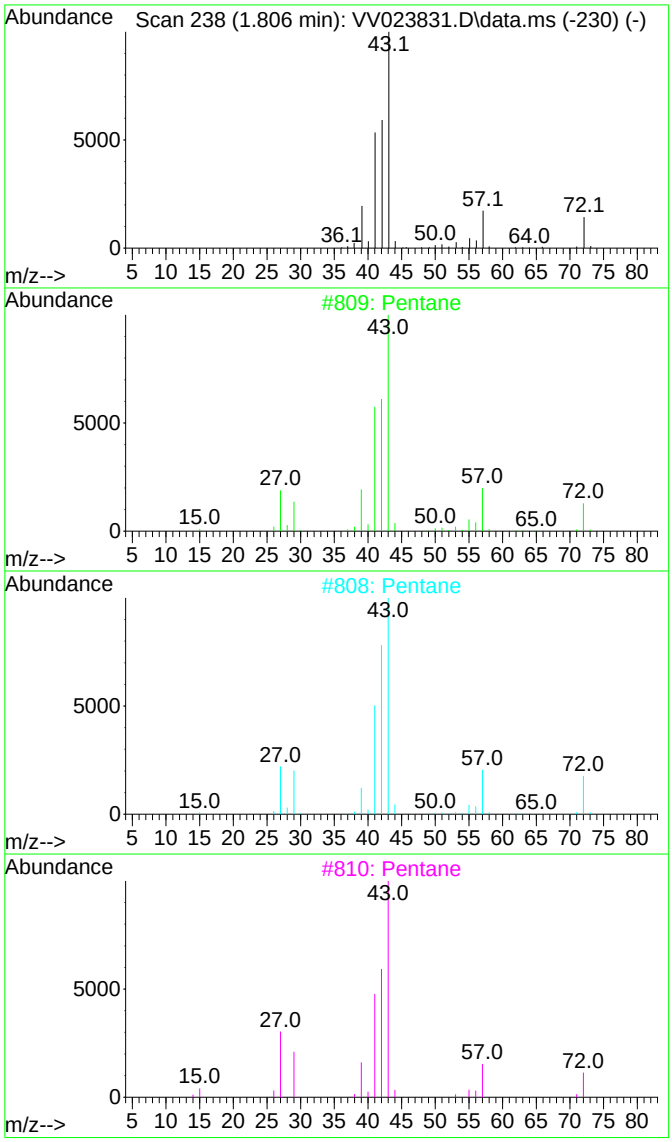
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

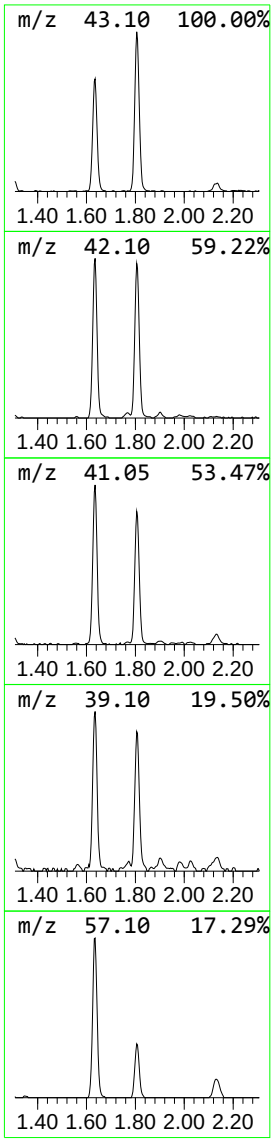
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.806	1.60 ug/L	119941	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	90
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

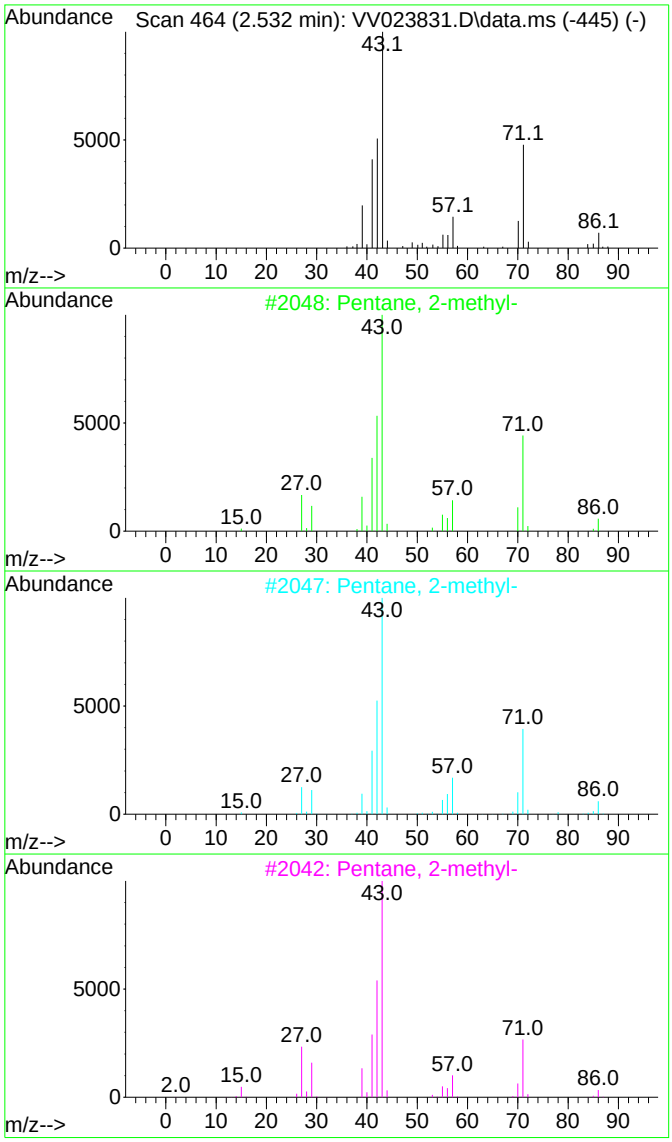
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

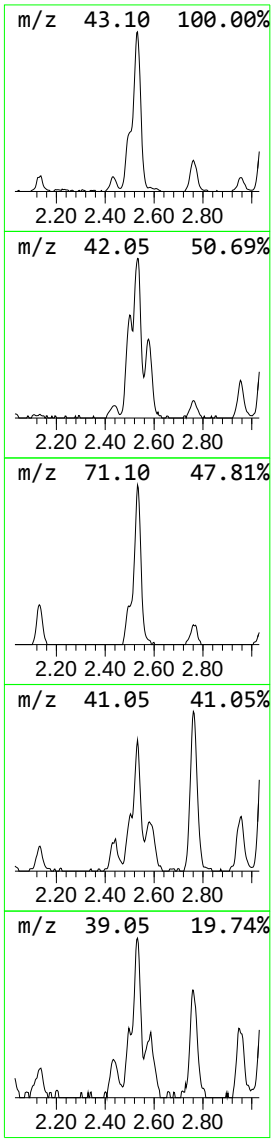
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.532	2.05 ug/L	154097	1,4-Difluorobenzene	5.619

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	91
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	78
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

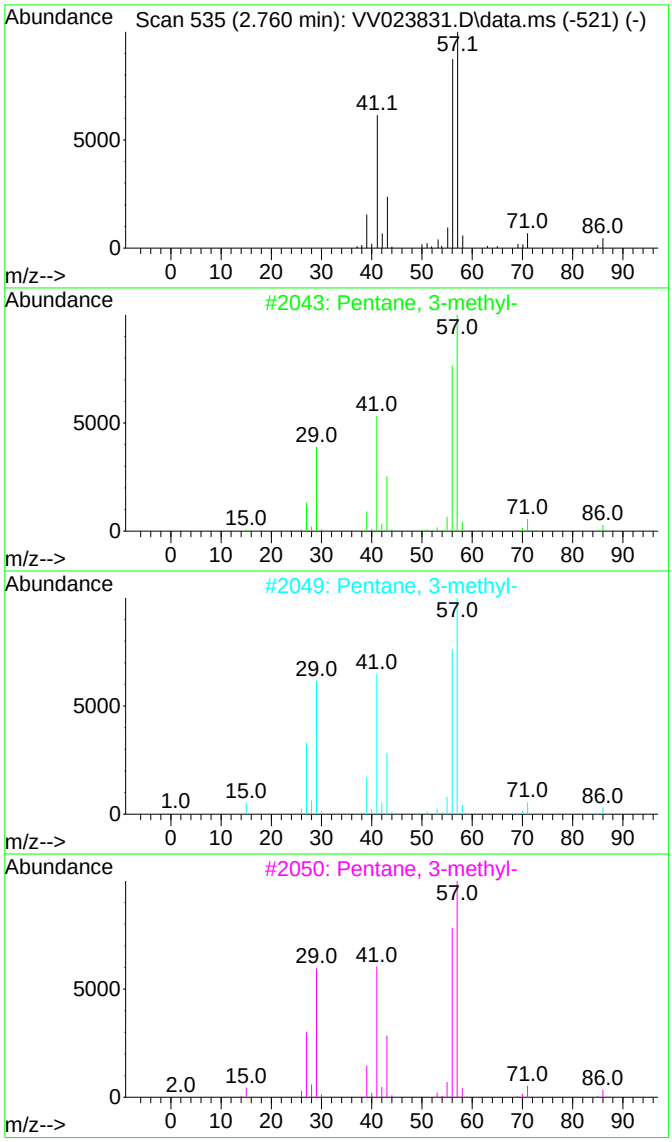
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

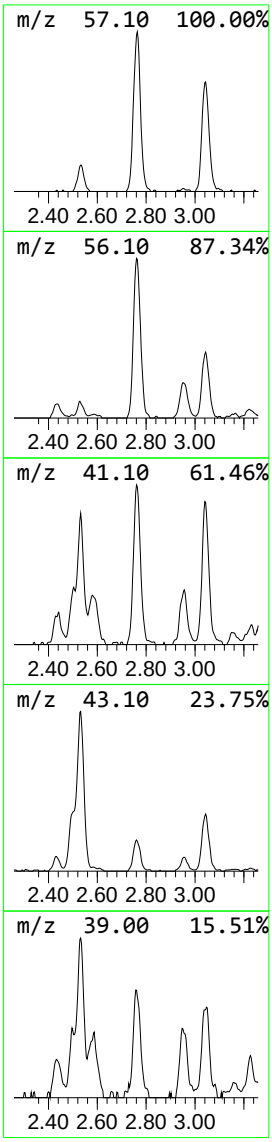
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.760	1.29 ug/L	96910	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

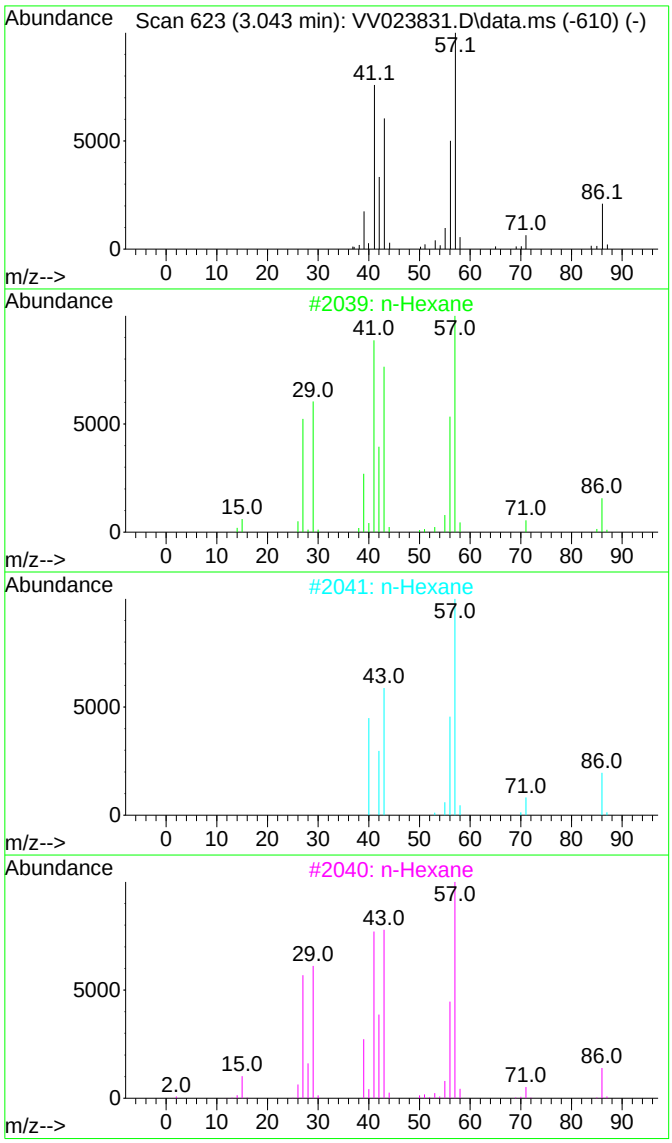
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

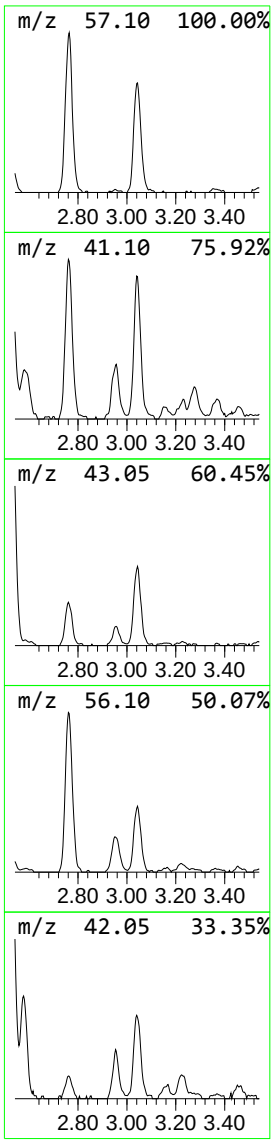
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	1.07 ug/L	80192	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	78
2	n-Hexane	86	C6H14	000110-54-3	74
3	n-Hexane	86	C6H14	000110-54-3	64
4	n-Hexane	86	C6H14	000110-54-3	64
5	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

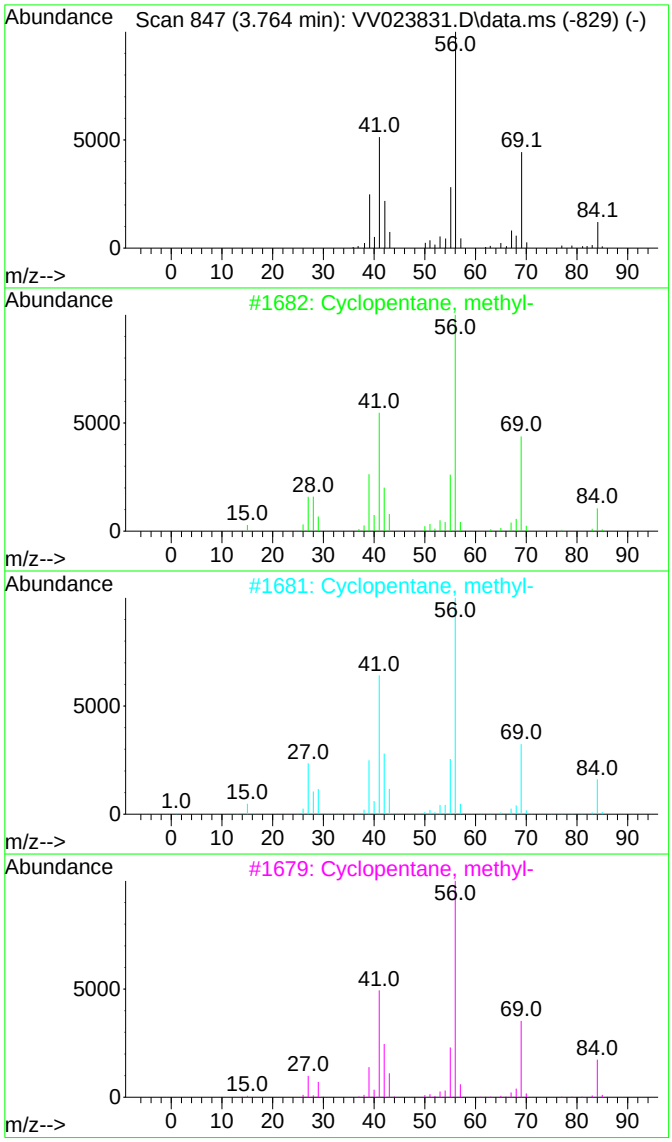
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

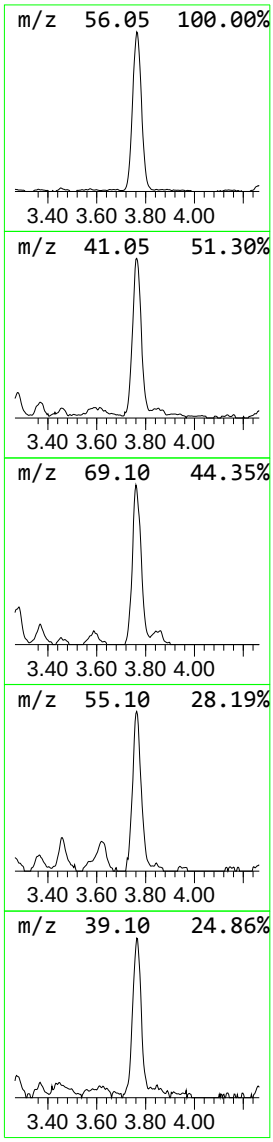
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic3.764 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.764	2.42 ug/L	181598	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4	Cyclohexane	84	C6H12	000110-82-7	78
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

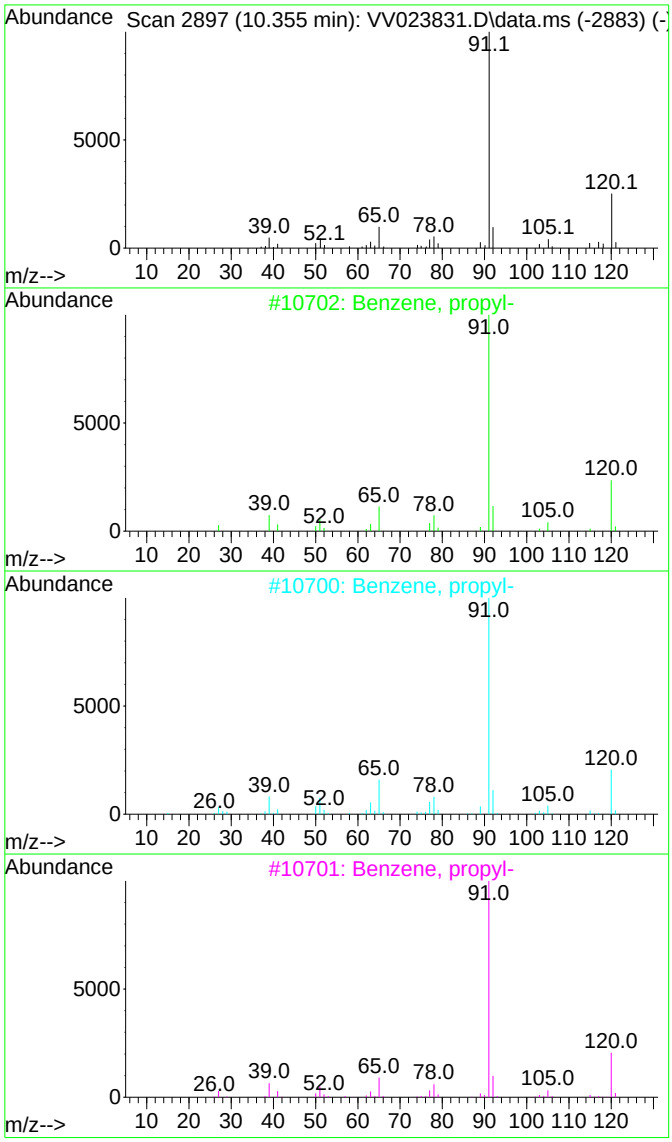
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

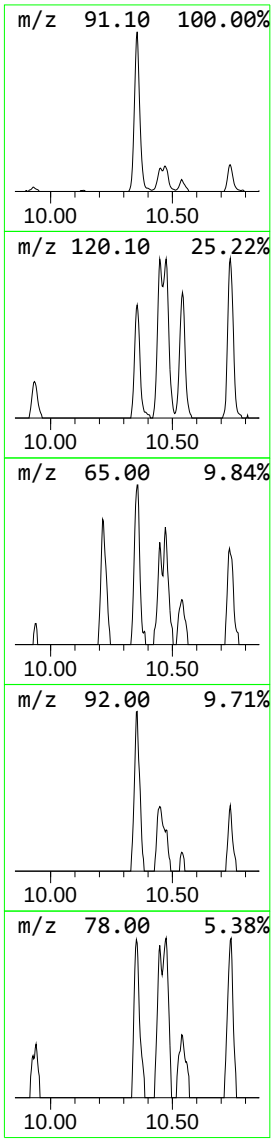
****

Peak Number 9 Benzene, propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.355	0.63 ug/L	55644	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	87
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





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Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

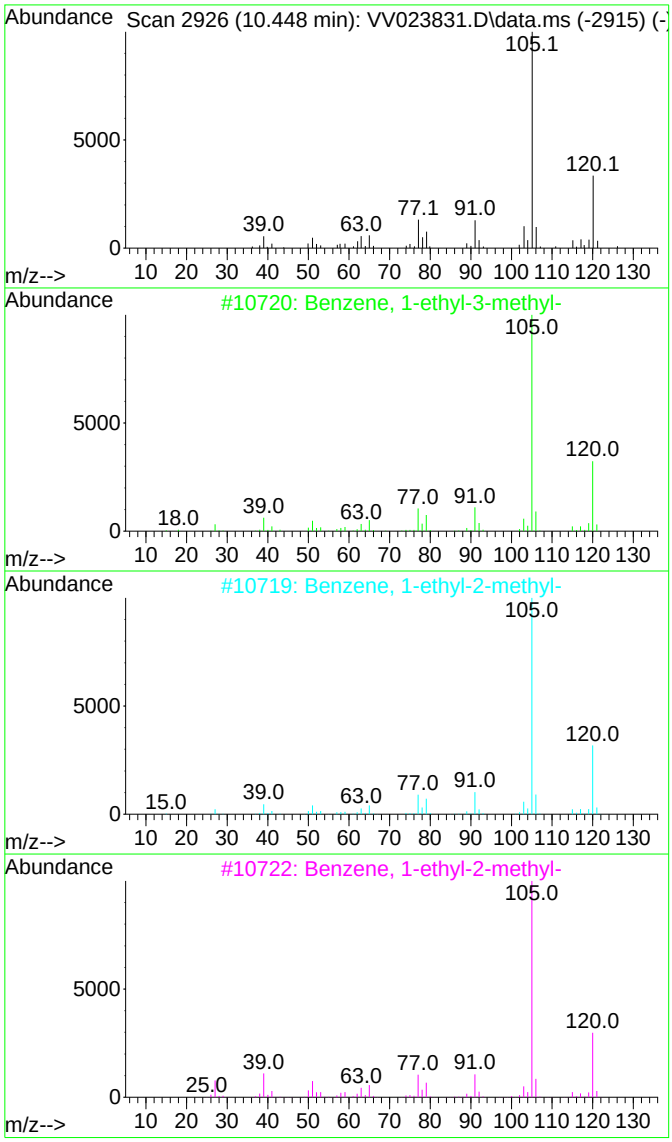
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

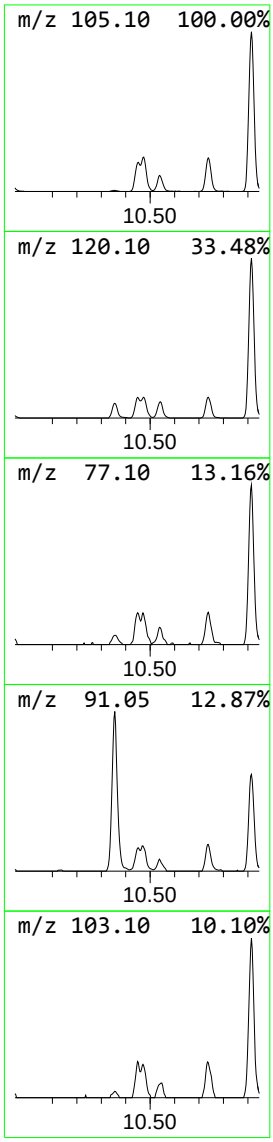
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.448	0.70 ug/L	62213	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

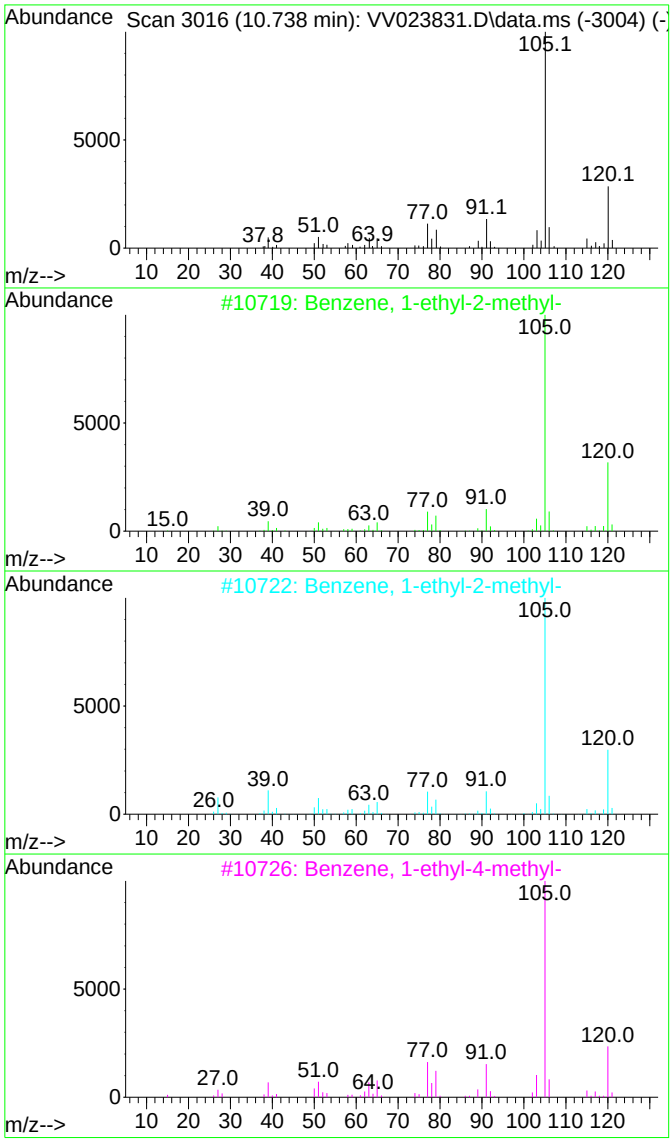
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

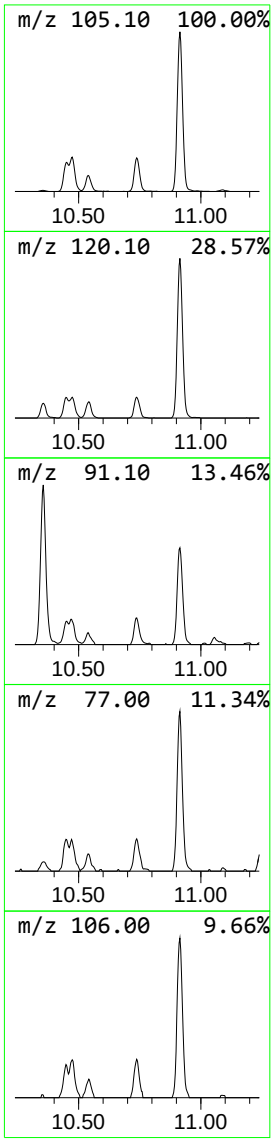
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.738	0.93 ug/L	82084	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

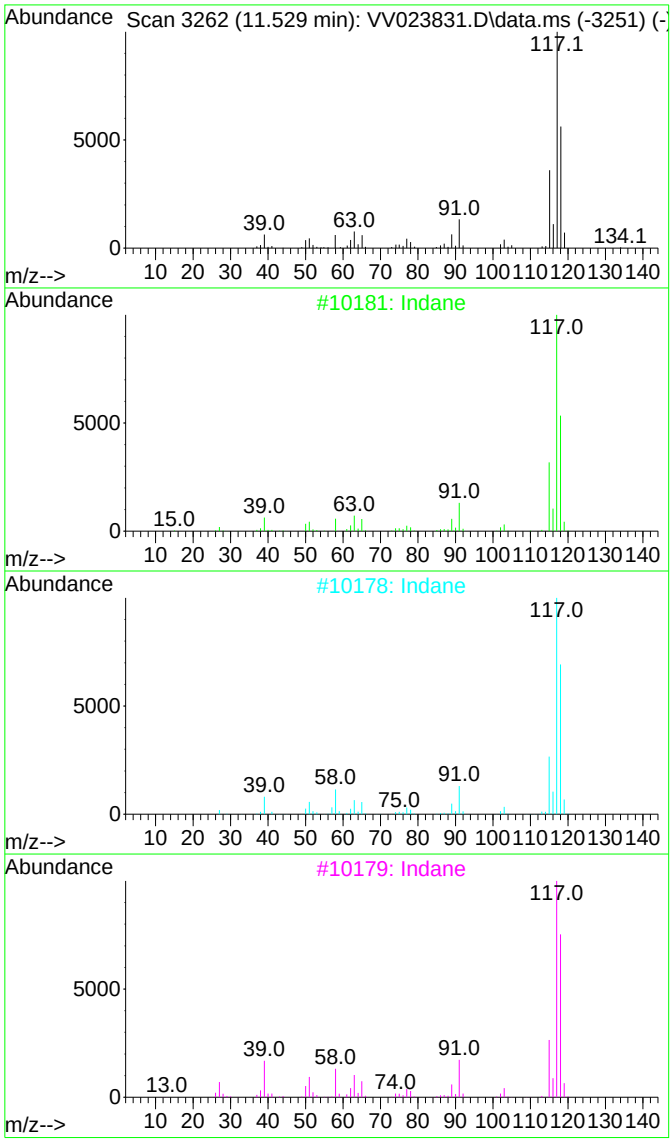
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

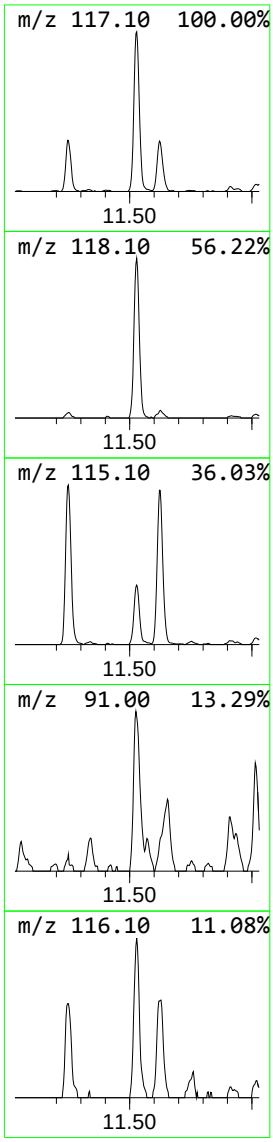
****

Peak Number 12 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	1.73 ug/L	153794	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	91
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

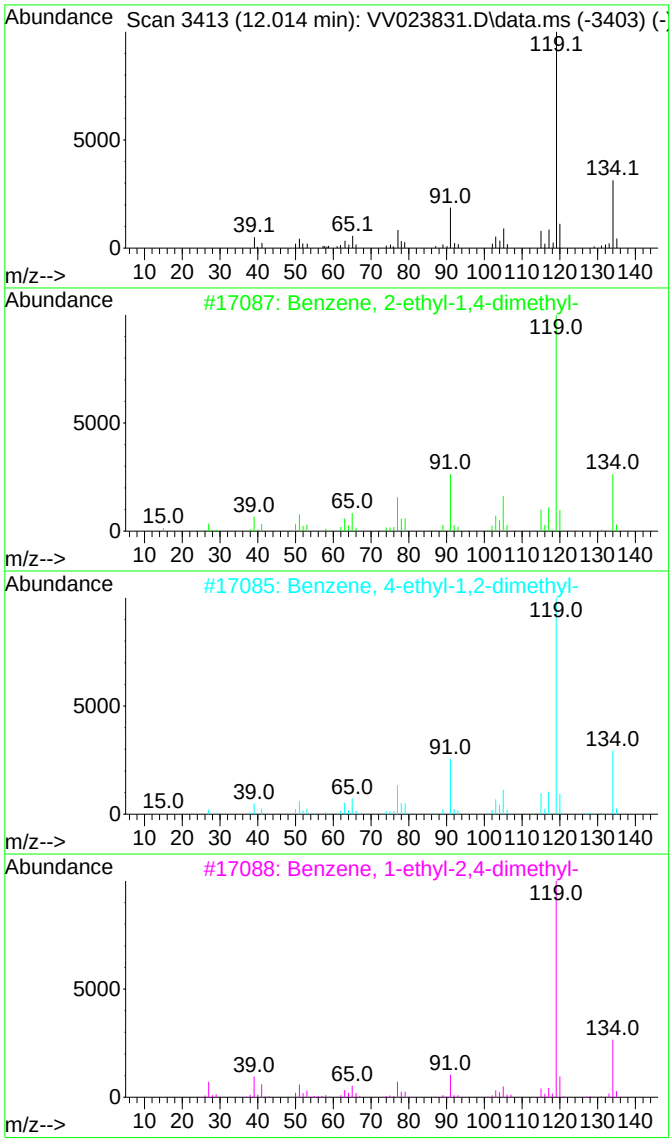
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

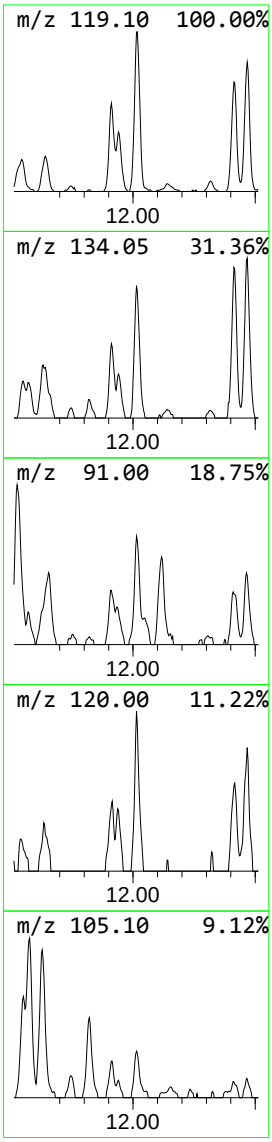
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.014	0.67 ug/L	59709	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

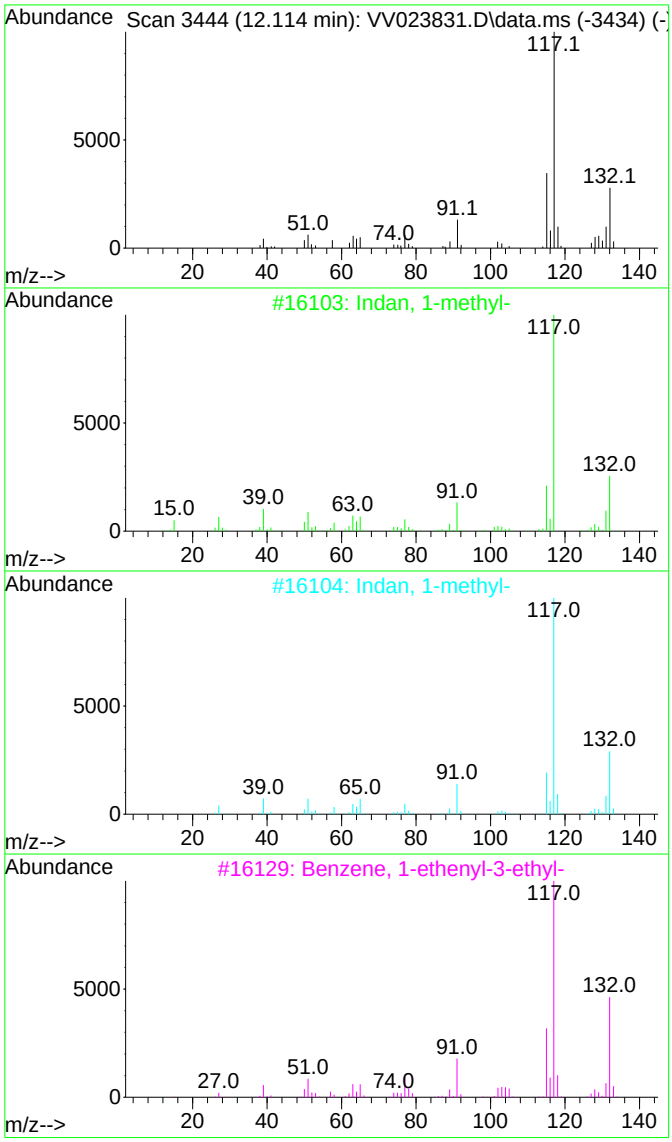
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

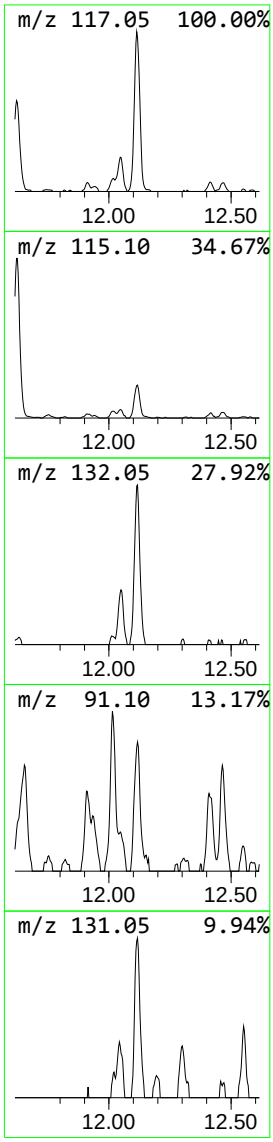
****

Peak Number 14 Indan, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.114	0.86 ug/L	76466	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

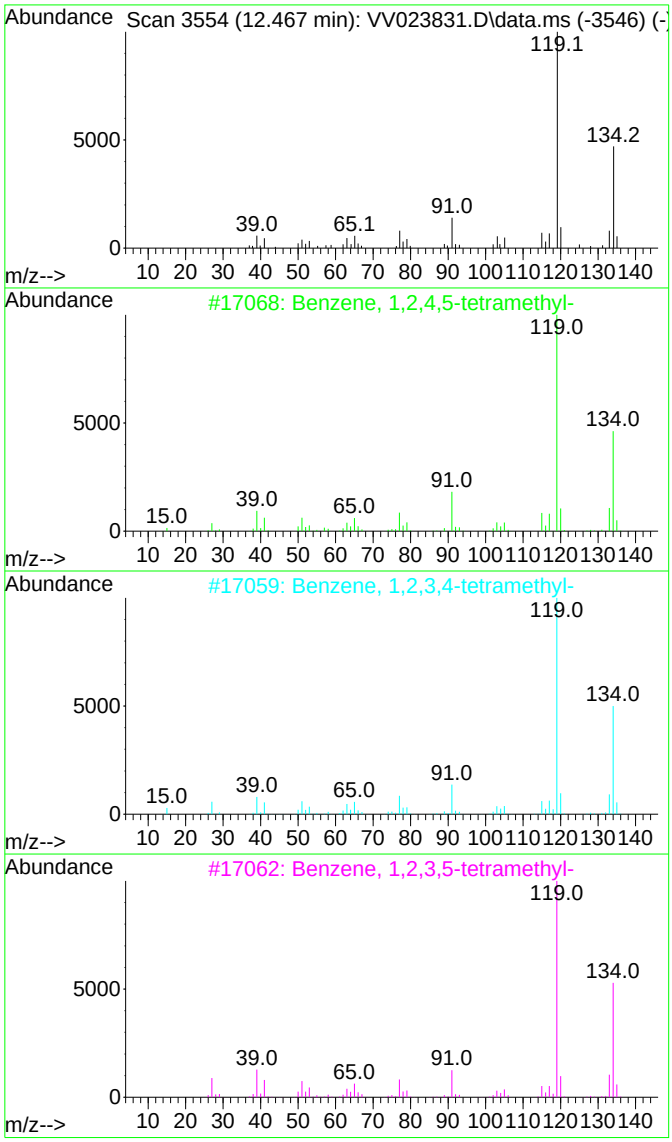
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

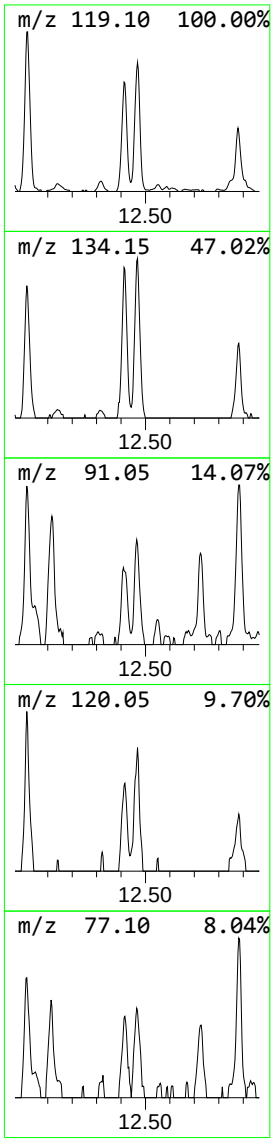
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.467	0.54 ug/L	48255	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

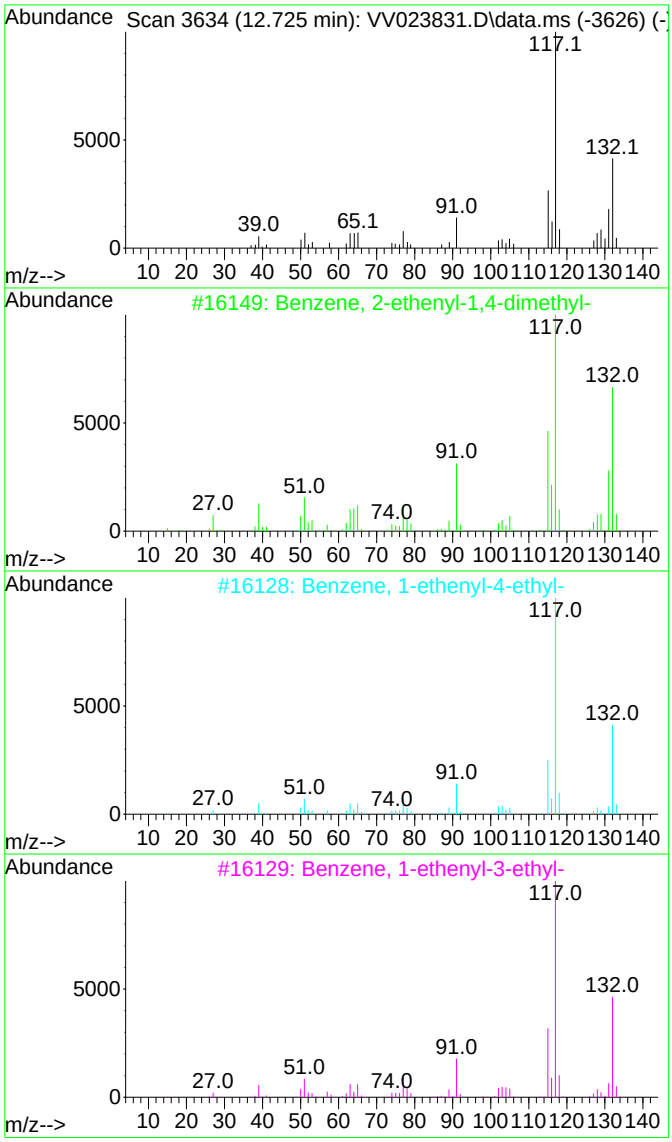
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

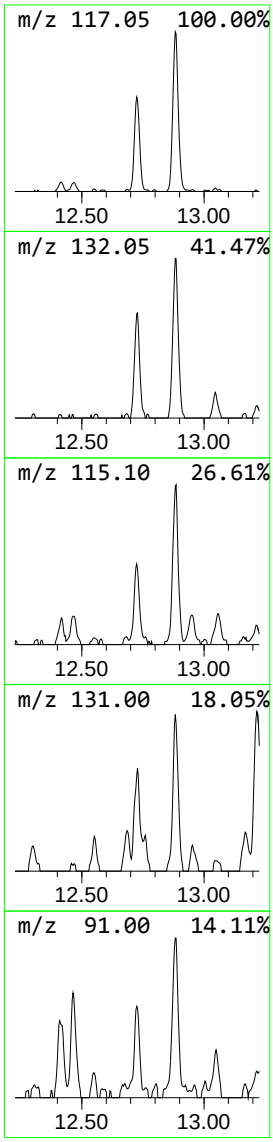
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.725	0.56 ug/L	49811	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

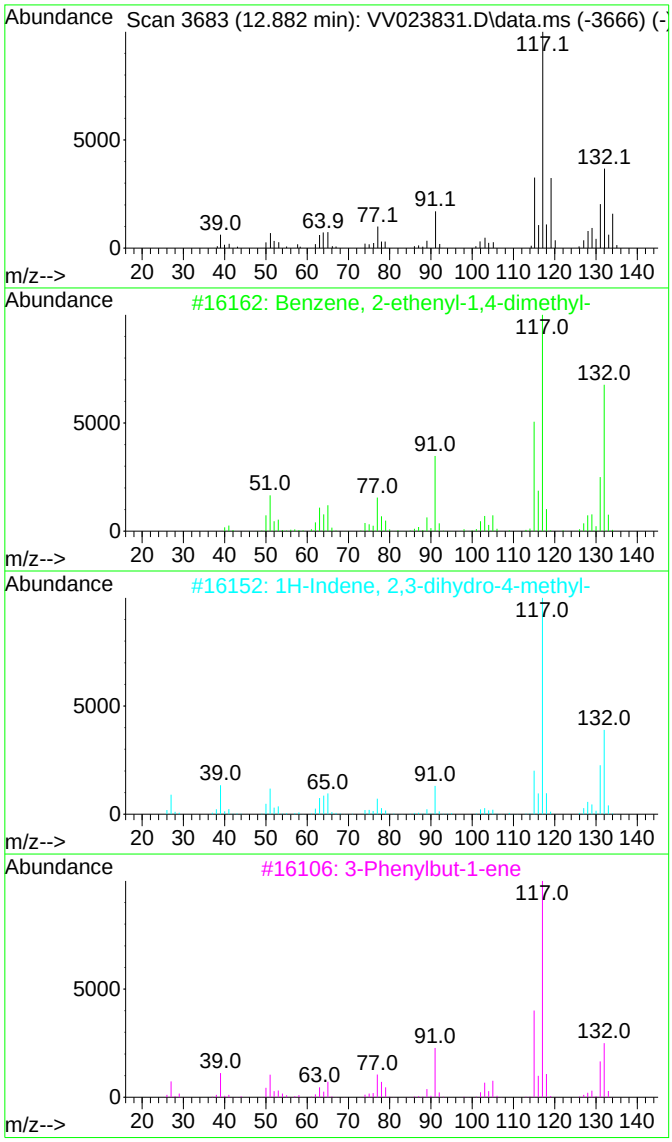
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

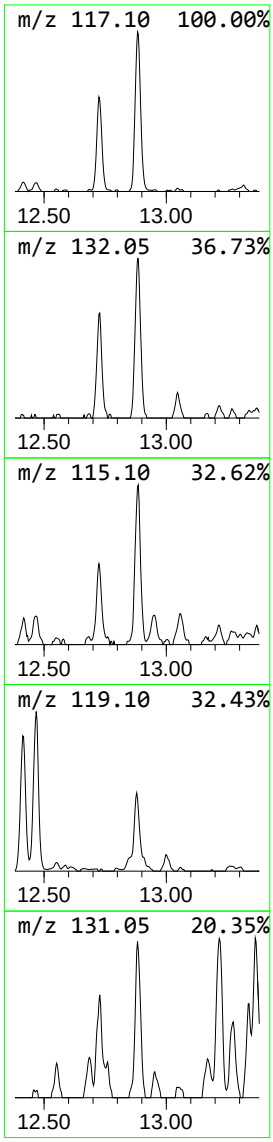
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.882	1.20 ug/L	106572	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

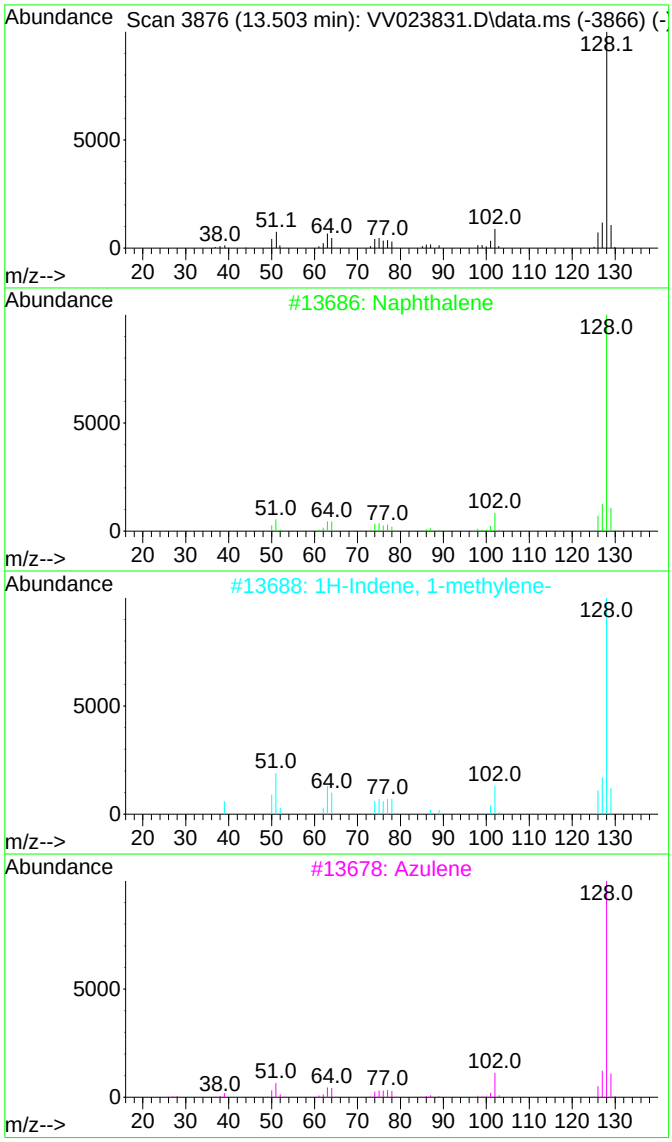
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

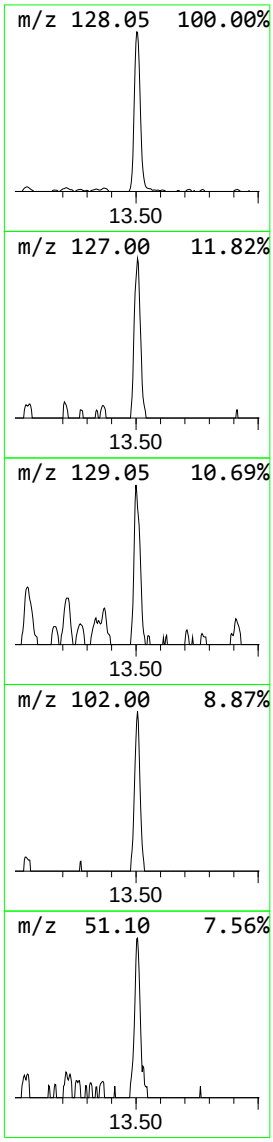
****

Peak Number 18 Azulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	0.78 ug/L	68879	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	95
3	Azulene	128	C10H8	000275-51-4	94
4	Naphthalene	128	C10H8	000091-20-3	93
5	Azulene	128	C10H8	000275-51-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023831.D
Acq On : 07 Dec 2021 18:31
Operator : SY/MD
Sample : M4879-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G32DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.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
unknown-01	1.201	0.9	ug/L	70451	1	5.619	375507	5.0
(DEL) Alkane: S...	1.635	1.7	ug/L	128014	1	5.619	375507	5.0
(DEL) Alkane: S...	1.806	1.6	ug/L	119941	1	5.619	375507	5.0
(DEL) Alkane: S...	2.532	2.0	ug/L	154097	1	5.619	375507	5.0
(DEL) Alkane: S...	2.760	1.3	ug/L	96910	1	5.619	375507	5.0
(DEL) Alkane: S...	3.043	1.1	ug/L	80192	1	5.619	375507	5.0
(DEL) Alkane: C...	3.764	2.4	ug/L	181598	1	5.619	375507	5.0
Benzene, propyl-	10.355	0.6	ug/L	55644	3	11.249	443273	5.0
Benzene, 1-ethy...	10.448	0.7	ug/L	62213	3	11.249	443273	5.0
Benzene, 1-ethy...	10.738	0.9	ug/L	82084	3	11.249	443273	5.0
Indane	11.529	1.7	ug/L	153794	3	11.249	443273	5.0
Benzene, 2-ethy...	12.014	0.7	ug/L	59709	3	11.249	443273	5.0
Indan, 1-methyl-	12.114	0.9	ug/L	76466	3	11.249	443273	5.0
Benzene, 1,2,4,...	12.467	0.5	ug/L	48255	3	11.249	443273	5.0
Benzene, 2-ethe...	12.725	0.6	ug/L	49811	3	11.249	443273	5.0
1H-Indene, 2,3-...	12.882	1.2	ug/L	106572	3	11.249	443273	5.0
Azulene	13.503	0.8	ug/L	68879	3	11.249	443273	5.0