LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

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\SFAMVTR091024WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV037498.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	63	73	94	rBV	134305	173828	4.24%	0.490%
2	1.529	145	152	166	rBV2	123340	237920	5.80%	0.671%
3	2.047	303	313	331	rVB	281577	416398	10.15%	1.174%
4	2.442	419	436	447	rBV6	21630	60241	1.47%	0.170%
5	2.503	447	455	463	rVV	31491	59151	1.44%	0.167%
6	2.551	463	470	483	rVB	22326	44697	1.09%	0.126%
7	2.683	500	511	531	rVB2	26008	54998	1.34%	0.155%
8	3.658	796	814	838	rBV2	142709	360351	8.78%	1.016%
9	3.821	855	865	899	rBV	113175	489094	11.92%	1.379%
10	4.239	981	995	1032	rVB	207071	588323	14.34%	1.658%
11	4.567	1080	1097	1114	rBV3	251266	650572	15.85%	1.834%
12	4.657	1114	1125	1147	rVB3	63929	166240	4.05%	0.469%
13	4.818	1156	1175	1179	rBV2	70158	169861	4.14%	0.479%
14	4.950	1202	1216	1226	rBV2	522158	1274814	31.07%	3.593%
15	5.079	1247	1256	1268	rVB3	82212	181145	4.41%	0.511%
16	5.153	1269	1279	1291	rVV4	79739	168660	4.11%	0.475%
17	5.227	1291	1302	1325	rVB3	93606	226970	5.53%	0.640%
18	5.529	1385	1396	1434	rBV	438155	968319	23.60%	2.729%
19	5.982	1525	1537	1545	rBV	290547	605909	14.77%	1.708%
20	6.037	1548	1554	1573	rVB4	299311	636889	15.52%	1.795%
21	6.278	1619	1629	1645	rVV3	36175	73419	1.79%	0.207%
22	6.545	1702	1712	1735	rVB7	16762	46577	1.14%	0.131%
23	6.911	1809	1826	1850	rBV	146688	323772	7.89%	0.913%
24	7.188	1898	1912	1917	rBV3	27112	53230	1.30%	0.150%
25	7.239	1918	1928	1956	rVV	604505	1134968	27.66%	3.199%
26	7.365	1958	1967	1979	rVB2	32799	67633	1.65%	0.191%
27	7.571	2019	2031	2048	rBV4	102700	275527	6.71%	0.777%
28	7.709	2063	2074	2087	rVB4	25740	48154	1.17%	0.136%
29	8.034	2159	2175	2207	rBV	625860	1520232	37.05%	4.285%
30	8.779	2396	2407	2425	rBV	681850	1189870	29.00%	3.354%
31	8.857	2427	2431	2444	rVB2	33935	57289	1.40%	0.161%
32	8.947	2449	2459	2474	rBV	155123	265695	6.47%	0.749%
33	9.079	2493	2500	2513	rVB3	52021	93053	2.27%	0.262%
34	9.860	2729	2743	2773	rBV	2251322	3495643	85.18%	9.853%
35	10.152	2823	2834	2858	rBV	248433	424638	10.35%	1.197%
36	10.281	2862	2874	2900	rBV	2649103	4103598	100.00%	11.566%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

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\SFAMVTR091024WMA.M
Title : TRACE VOA SFAM1.0

37	10.673	2983	2996	3009	rBV	45706	82485	2.01%	0.232%
38	10.963	3075	3086	3090	rBV	61705	99488	2.42%	0.280%
39	11.021	3099	3104	3120	rVB	80974	127965	3.12%	0.361%
40	11.181	3143	3154	3170	rBV	821066	1303351	31.76%	3.674%
41	11.268	3171	3181	3200	rVB	752058	1161887	28.31%	3.275%
42	11.387	3210	3218	3228	rVB	29478	41771	1.02%	0.118%
43	11.458	3228	3240	3259	rBV	1276103	2226013	54.25%	6.274%
44	11.558	3260	3271	3299	rVV2	741887	1373035	33.46%	3.870%
45	11.680	3300	3309	3320	rVB	66037	100555	2.45%	0.283%
46	11.950	3376	3393	3413	rBV	956337	1603641	39.08%	4.520%
47	12.046	3413	3423	3446	rVV2	305289	632653	15.42%	1.783%
48	12.249	3472	3486	3497	rVB2	115395	193433	4.71%	0.545%
49	12.345	3500	3516	3528	rBV	904099	1372698	33.45%	3.869%
50	12.657	3604	3613	3632	rVB	181345	290189	7.07%	0.818%
51	12.811	3642	3661	3673	rBV2	1228757	1904024	46.40%	5.367%
52	12.937	3693	3700	3707	rBV2	30688	49652	1.21%	0.140%
53	12.979	3707	3713	3734	rVB6	46683	103006	2.51%	0.290%
54	13.204	3773	3783	3796	rBV2	82051	131684	3.21%	0.371%
55	13.332	3817	3823	3836	rVB	54200	85031	2.07%	0.240%
56	13.432	3841	3854	3886	rBV	1080571	1839160	44.82%	5.184%
57	13.660	3910	3925	3934	rBV5	18428	49204	1.20%	0.139%

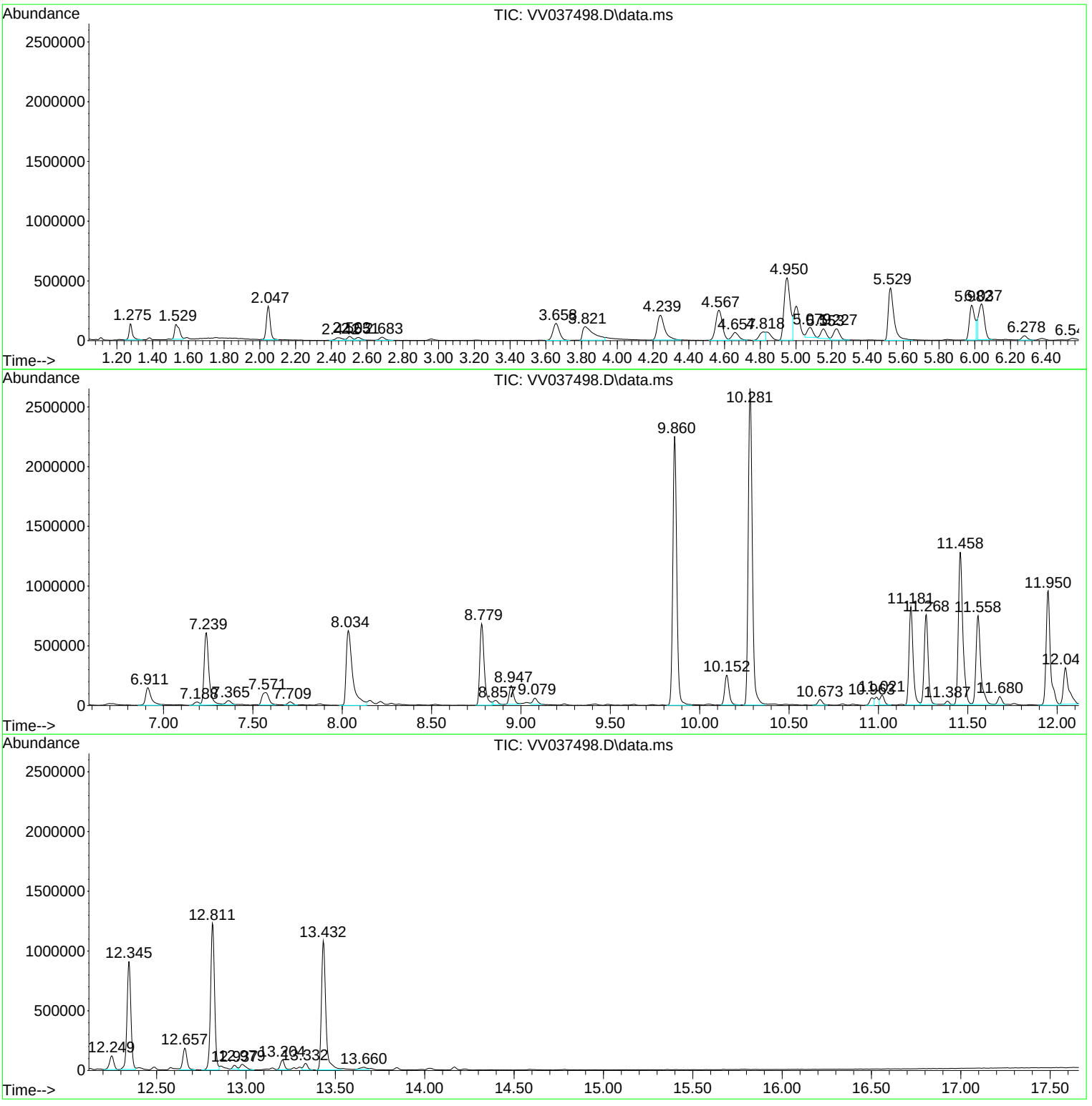
Sum of corrected areas: 35478603

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.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\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

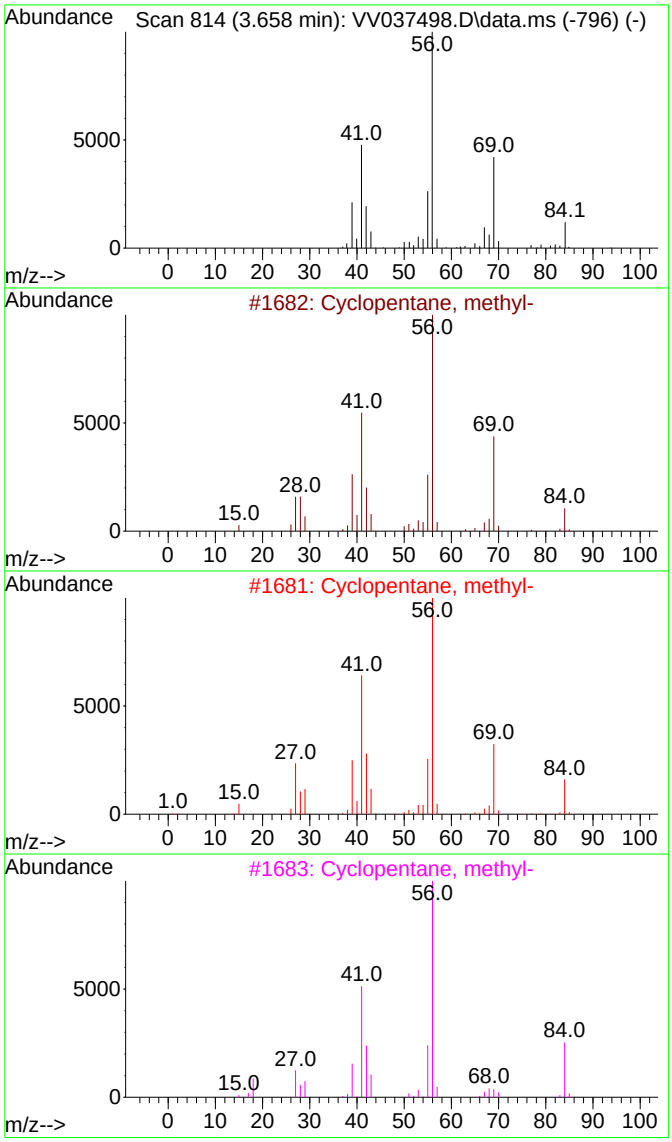
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

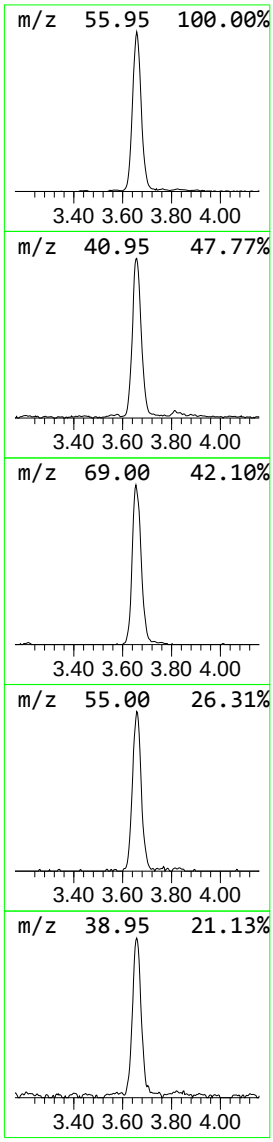
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.658 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.658	1.86 ug/L	360351	1,4-Difluorobenzene	5.529

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	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
4	Cyclohexane	84	C6H12	000110-82-7	78
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

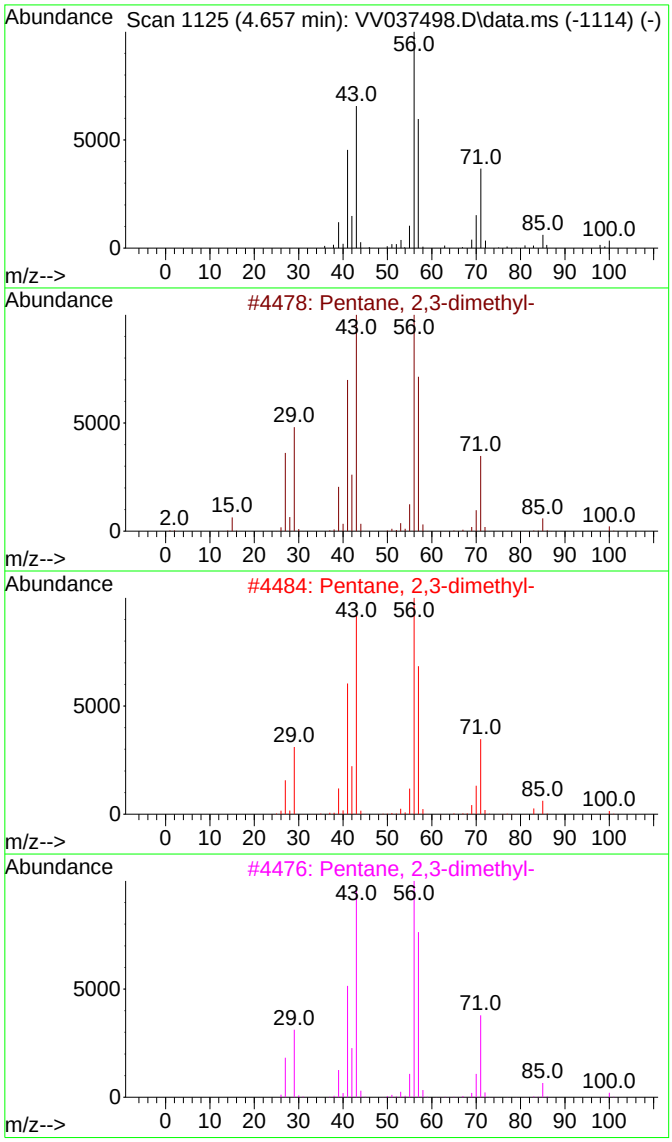
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

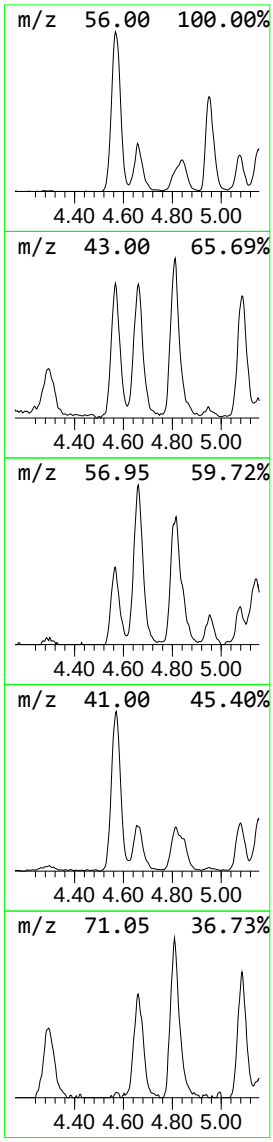
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.657	0.86 ug/L	166240	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
4	1,4-Dioxaspiro[2.4]heptan-5-one,...	142	C7H10O3	126091-79-0	59
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

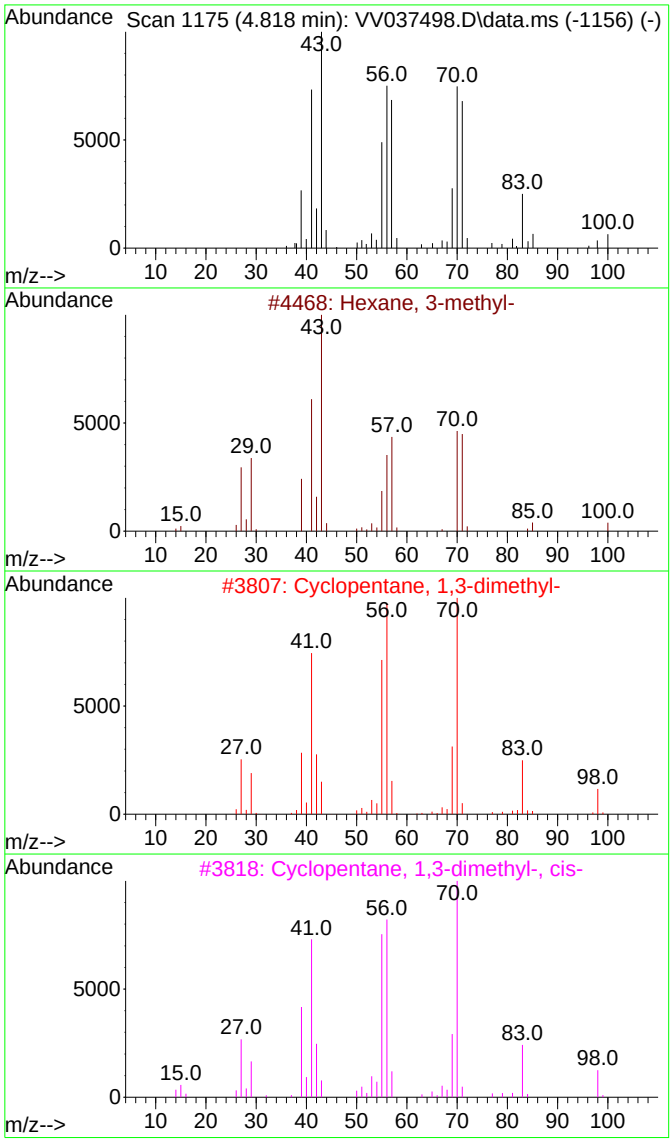
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

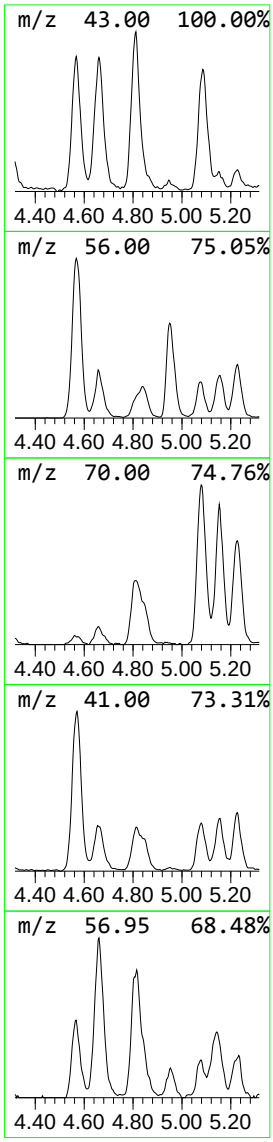
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.818	0.88 ug/L	169861	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	64
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	58
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

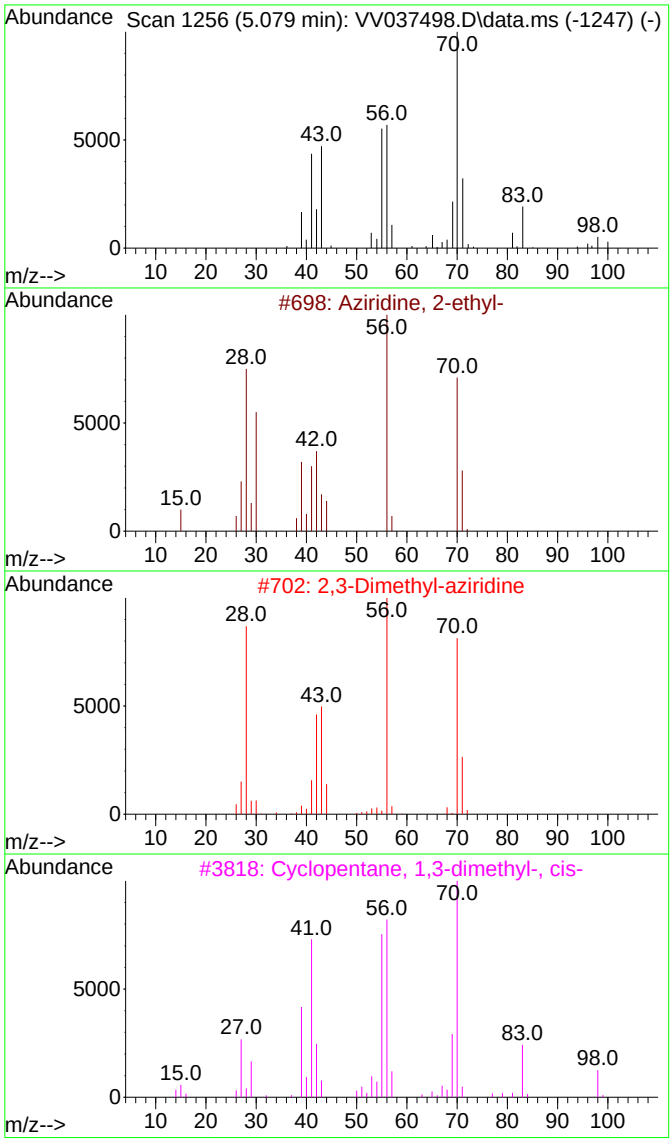
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

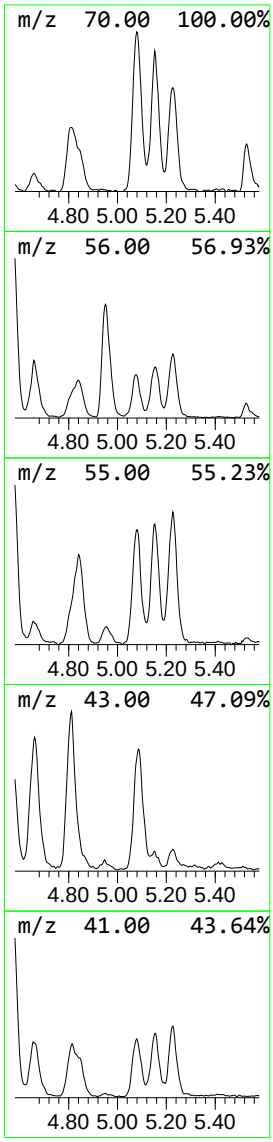
****

Peak Number 4 Aziridine, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.079	0.94 ug/L	181145	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aziridine, 2-ethyl-	71	C4H9N	002549-67-9	64
2	2,3-Dimethyl-aziridine	71	C4H9N	002549-68-0	59
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	56
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	50
5	Tridecane, 3-methylene-	196	C14H28	019780-34-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

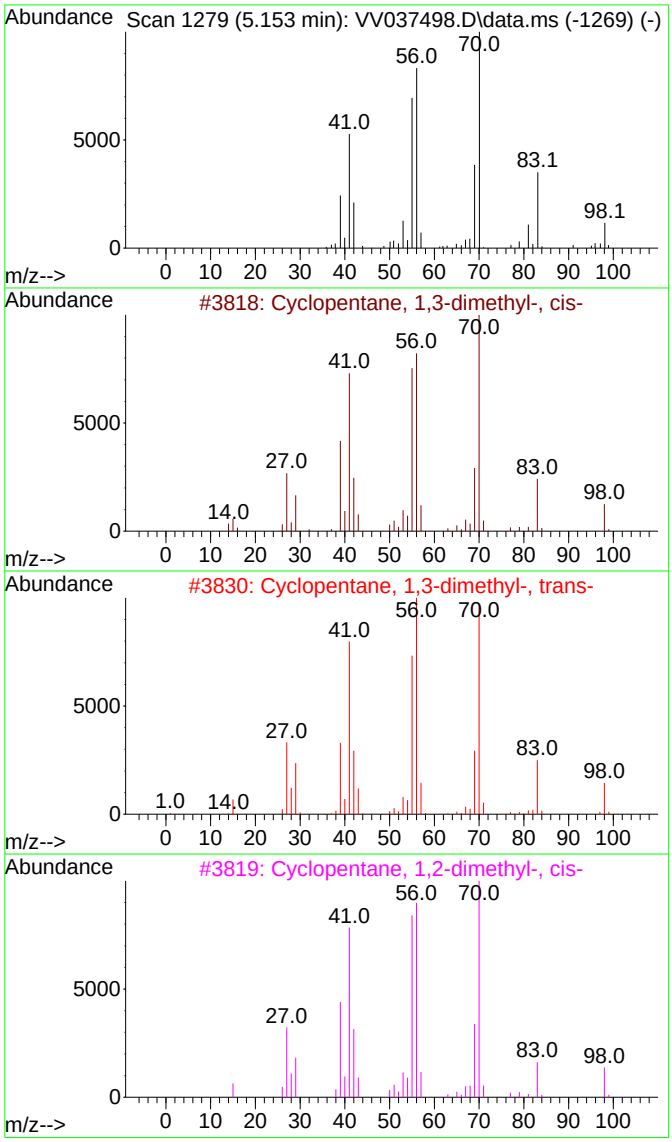
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

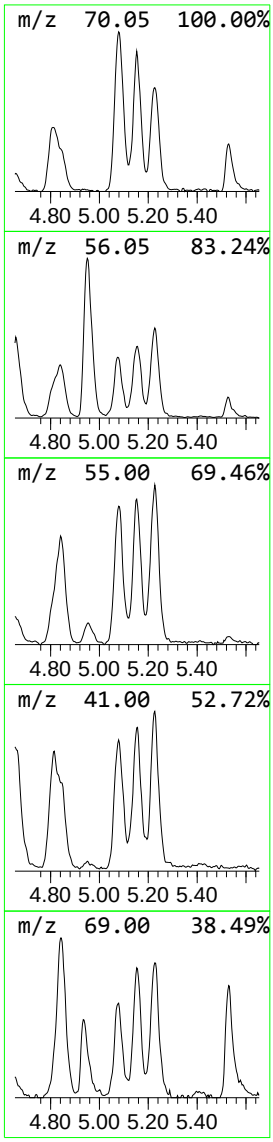
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic5.153 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.153	0.87 ug/L	168660	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
2	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	87
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	86
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	80
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

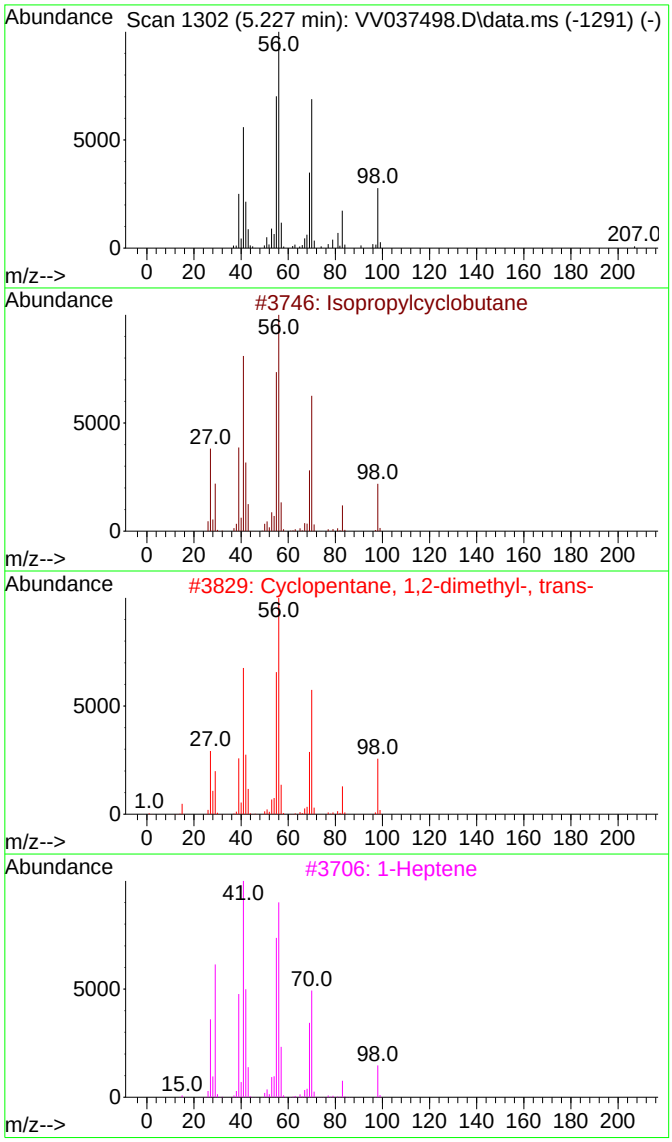
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

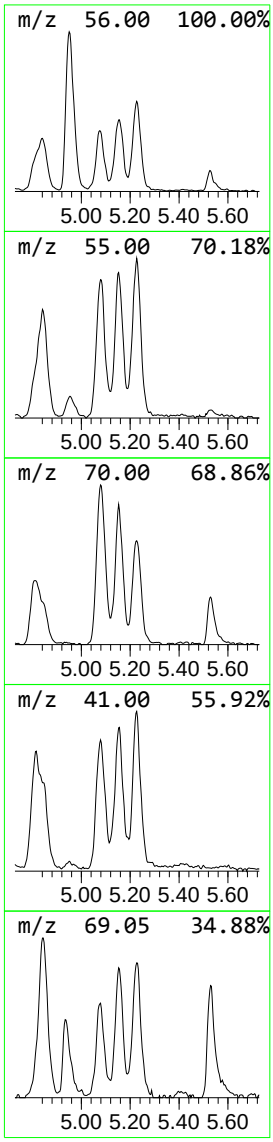
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic5.227 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.227	1.17 ug/L	226970	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	94
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	1-Heptene	98	C7H14	000592-76-7	90
4	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	87
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
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Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

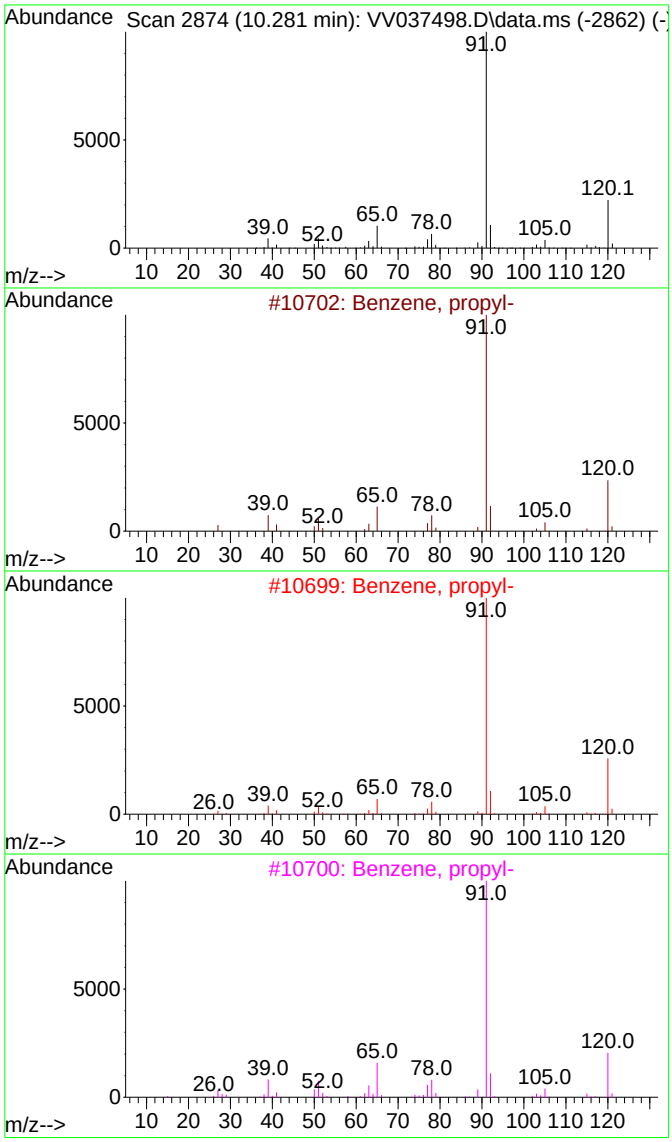
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

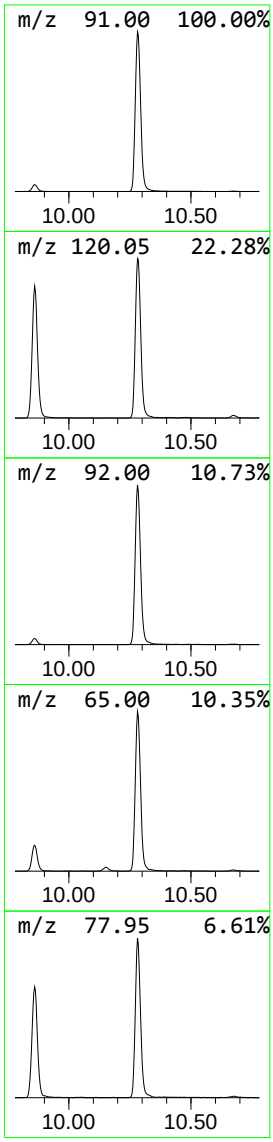
****

Peak Number 8 Benzene, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.281	15.74 ug/L	4103600	1,4-Dichlorobenzene-d4	11.181

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	90
4	Benzene, propyl-	120	C9H12	000103-65-1	90
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

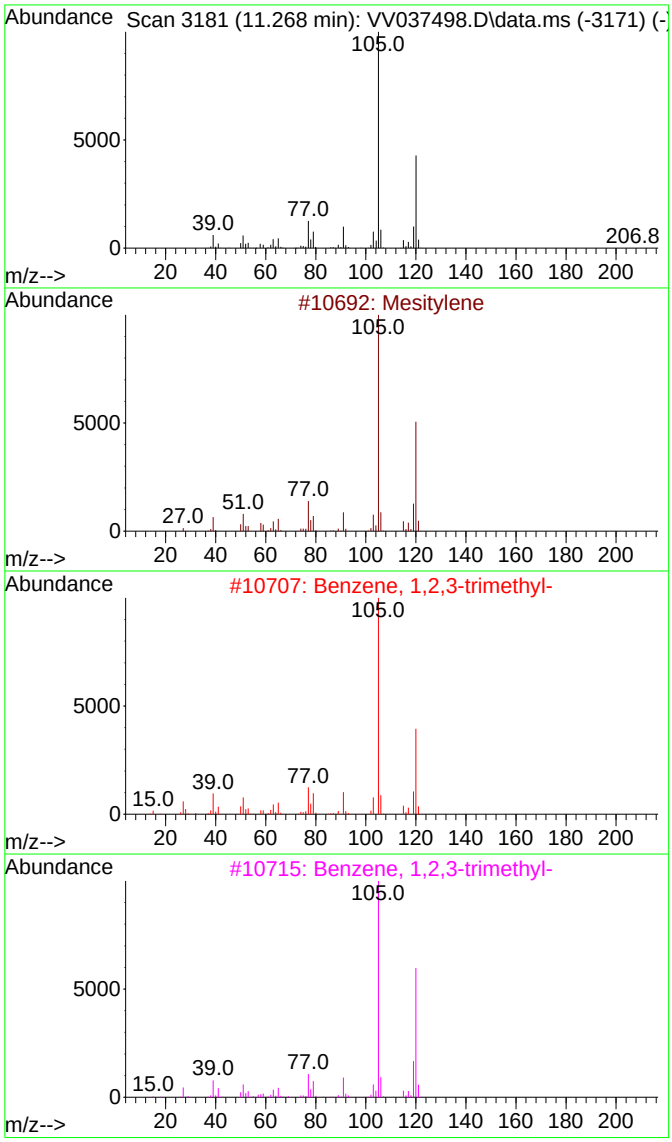
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

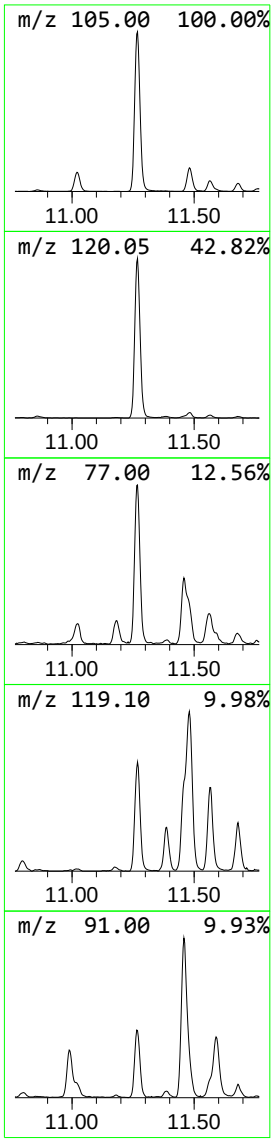
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.268	4.46 ug/L	1161890	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

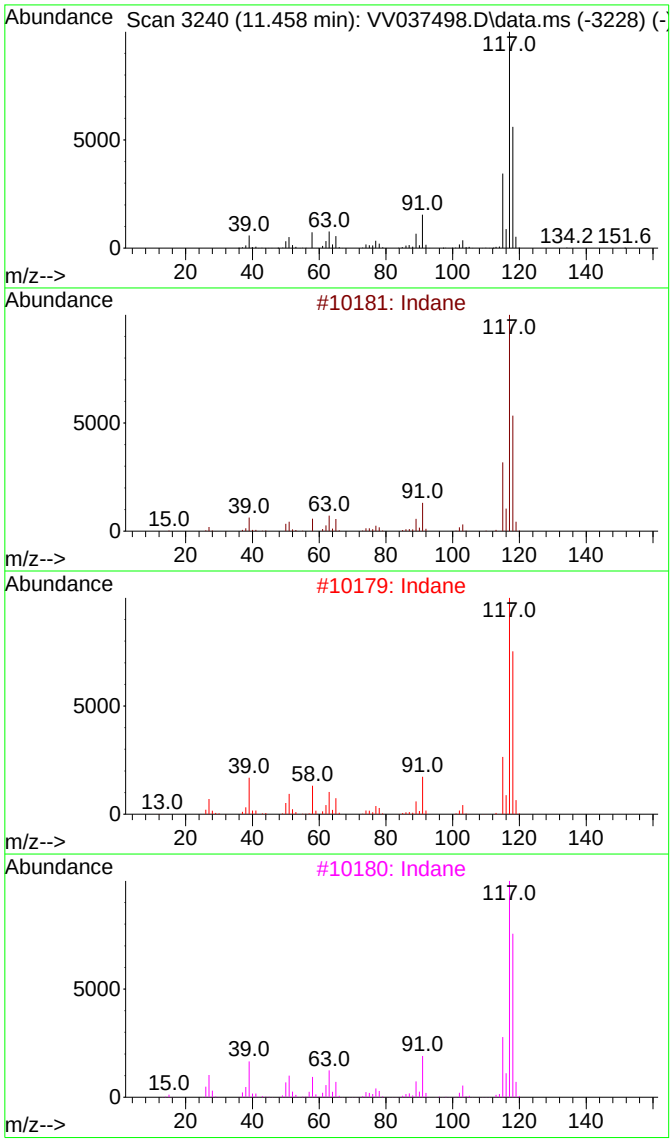
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

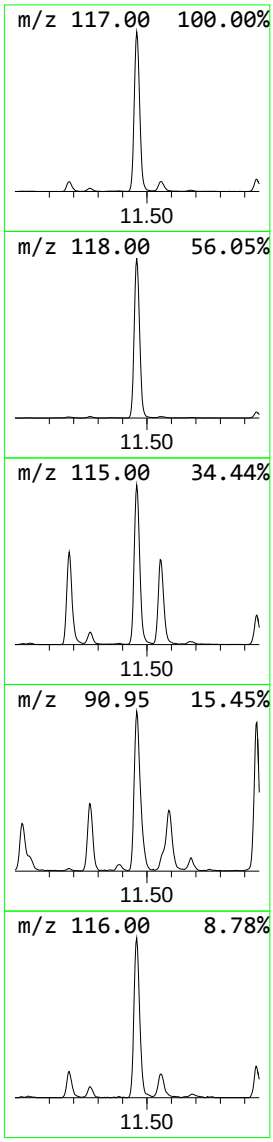
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.458	8.54 ug/L	2226010	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	90
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
5	Indane	118	C9H10	000496-11-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

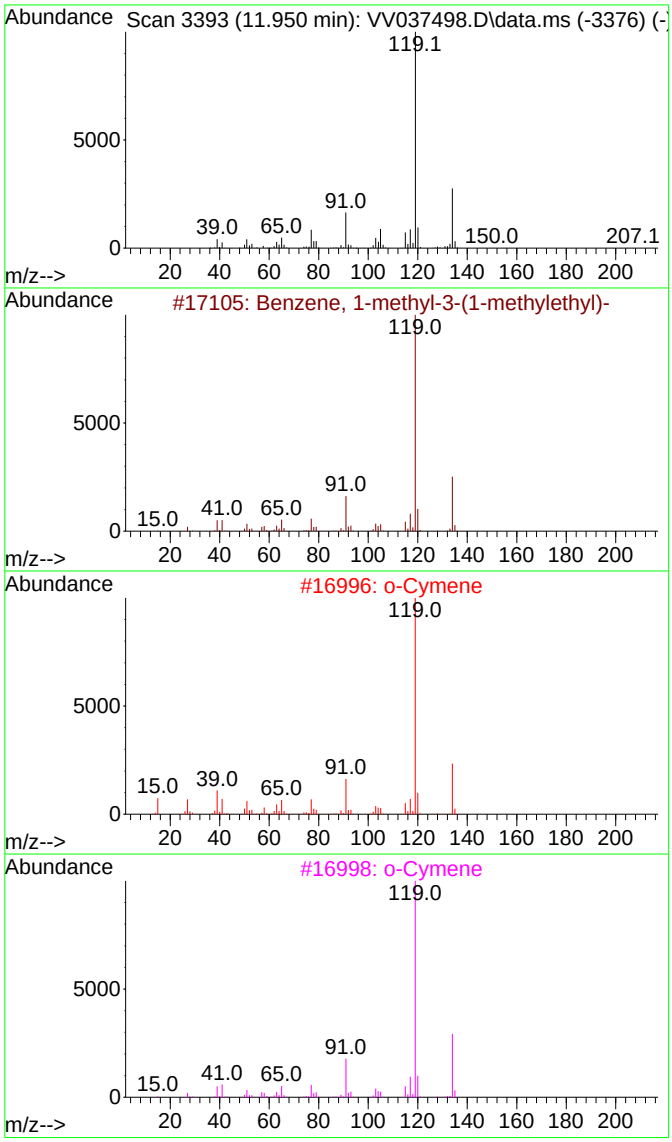
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

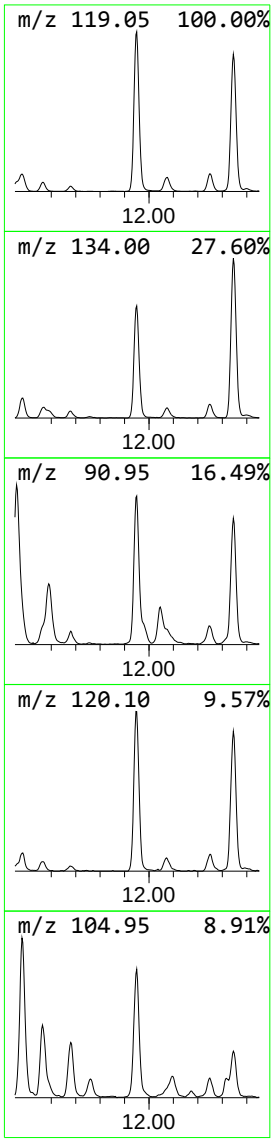
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.950	6.15 ug/L	1603640	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	o-Cymene	134	C10H14	000527-84-4	97
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

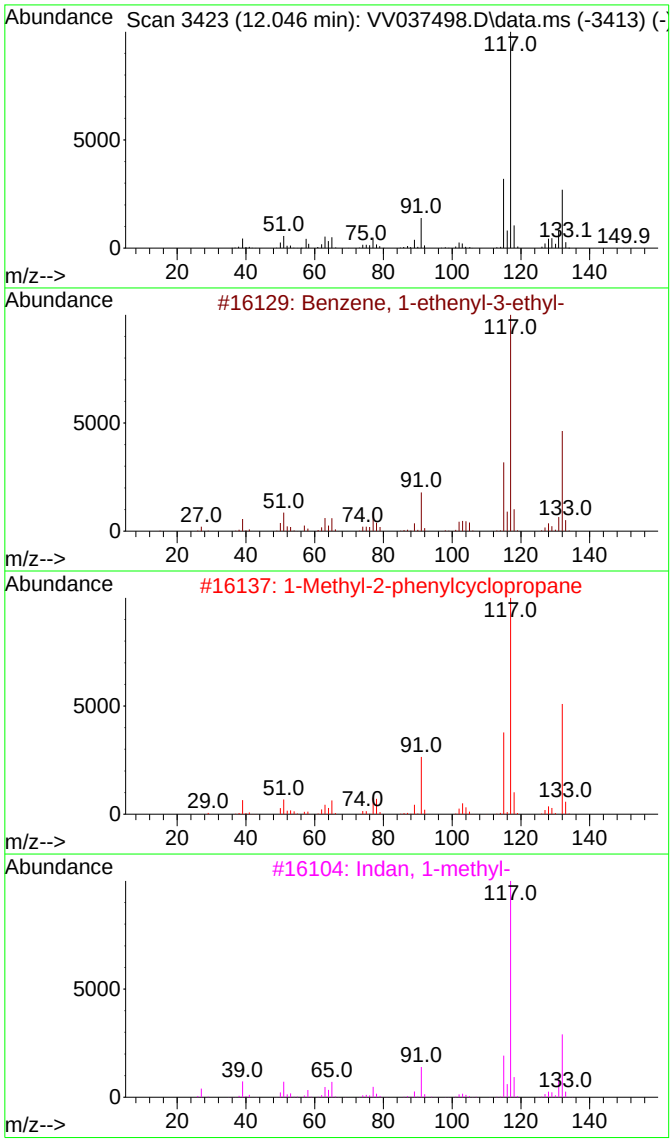
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

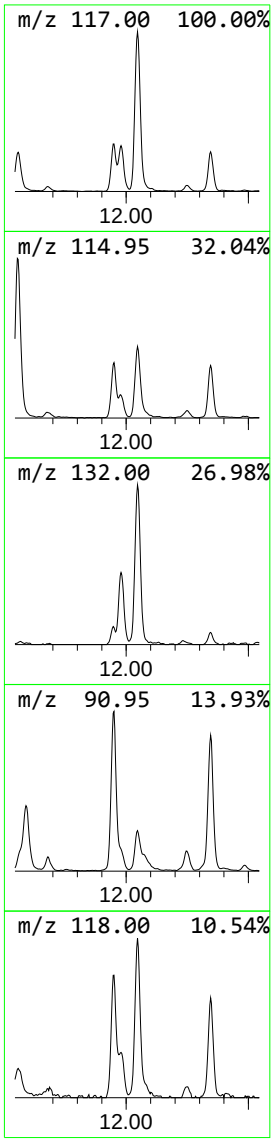
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.046	2.43 ug/L	632653	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

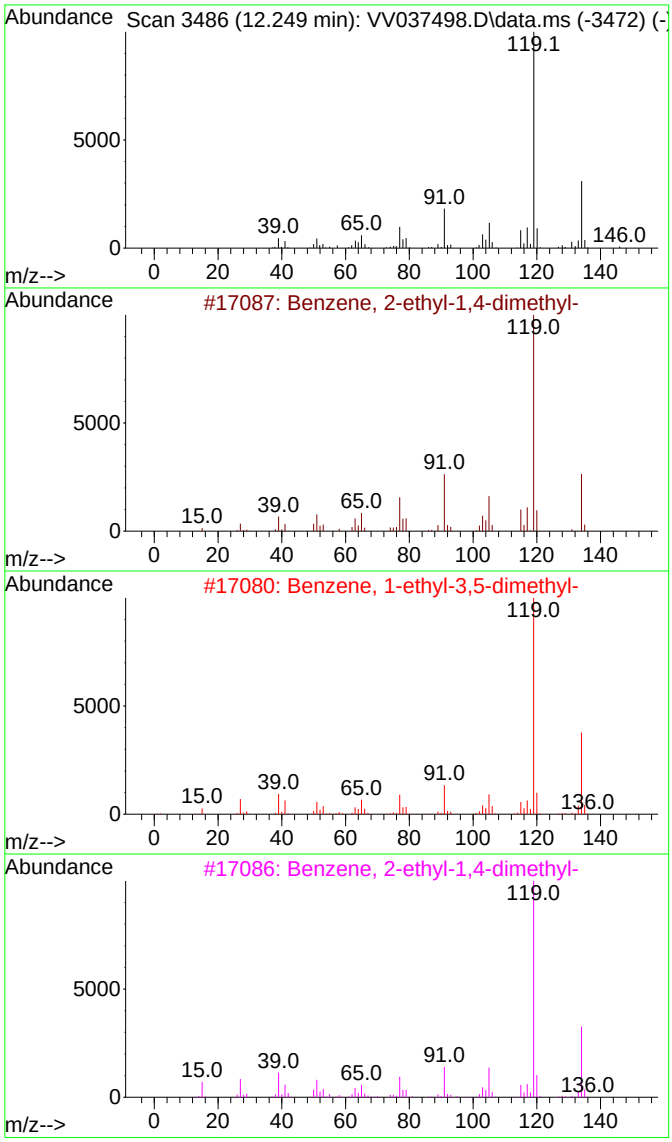
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

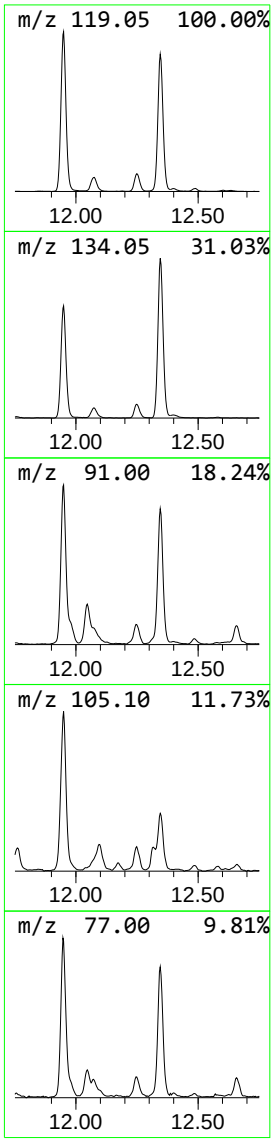
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.249	0.74 ug/L	193433	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

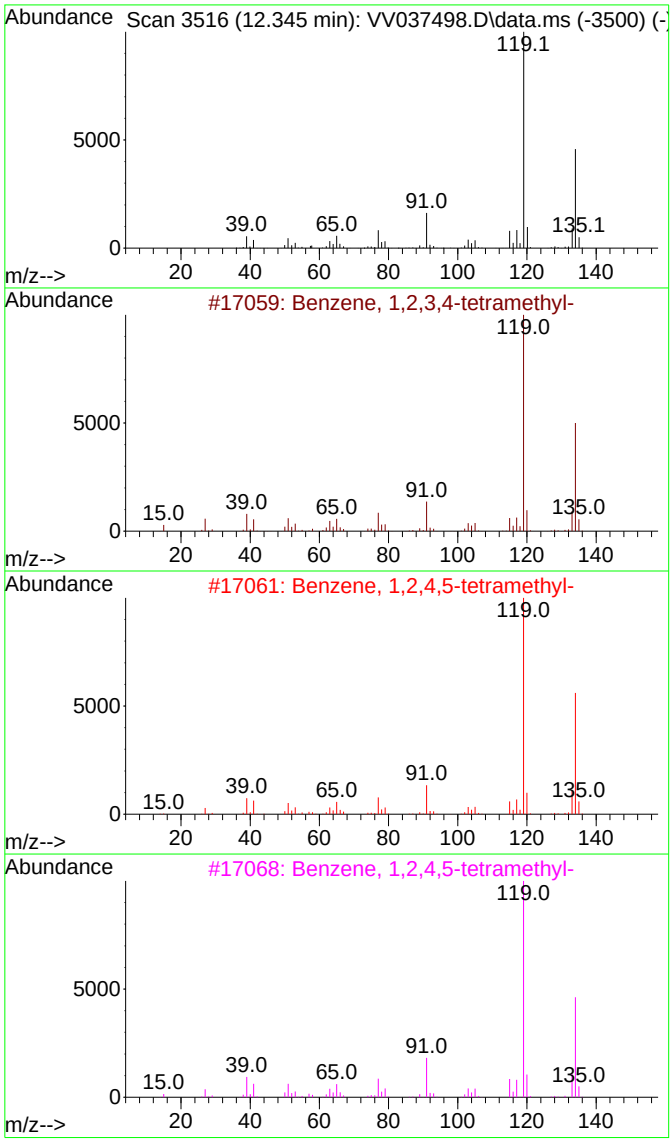
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

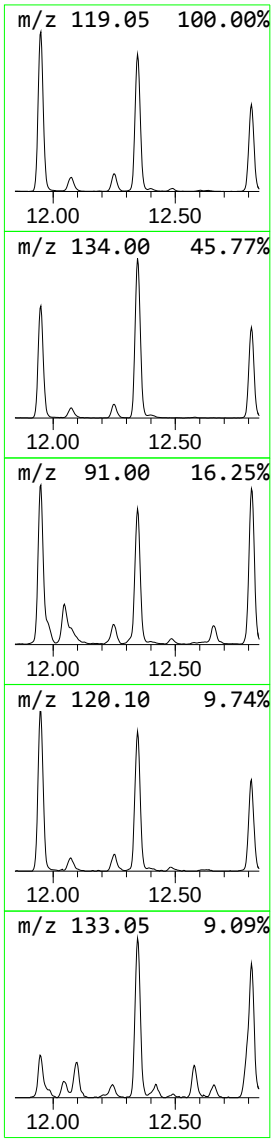
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	5.27 ug/L	1372700	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

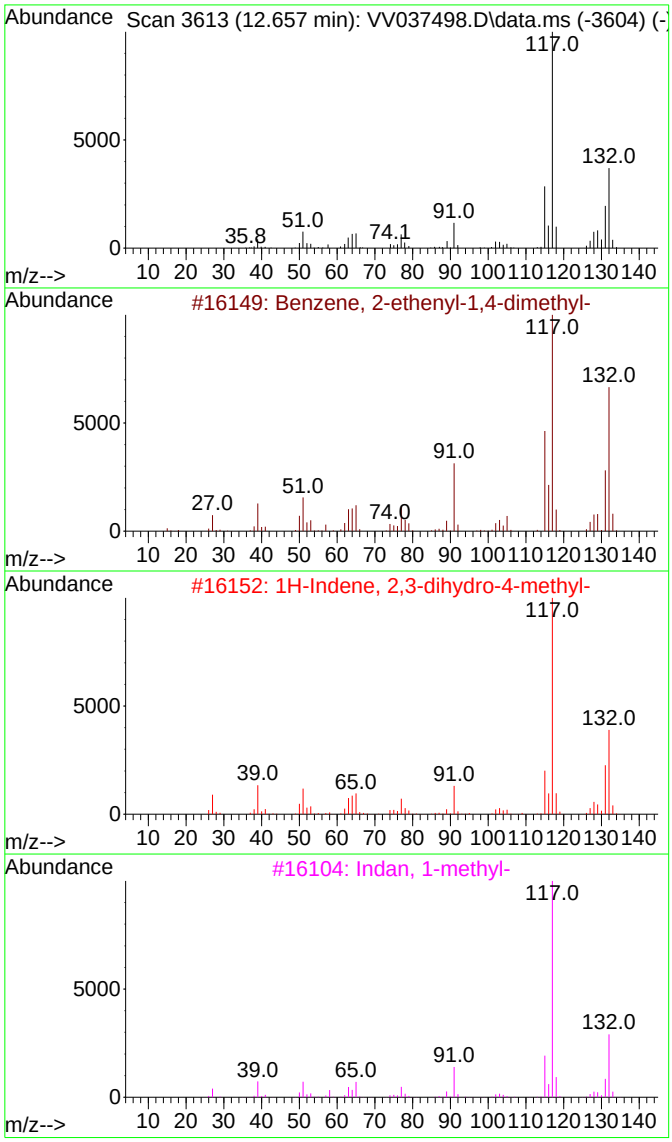
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

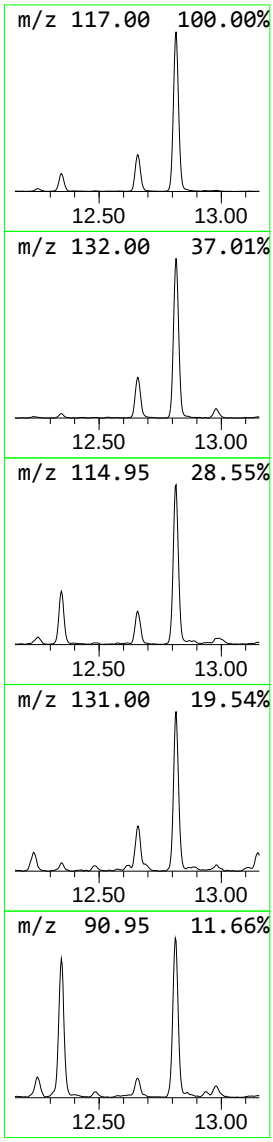
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	1.11 ug/L	290189	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

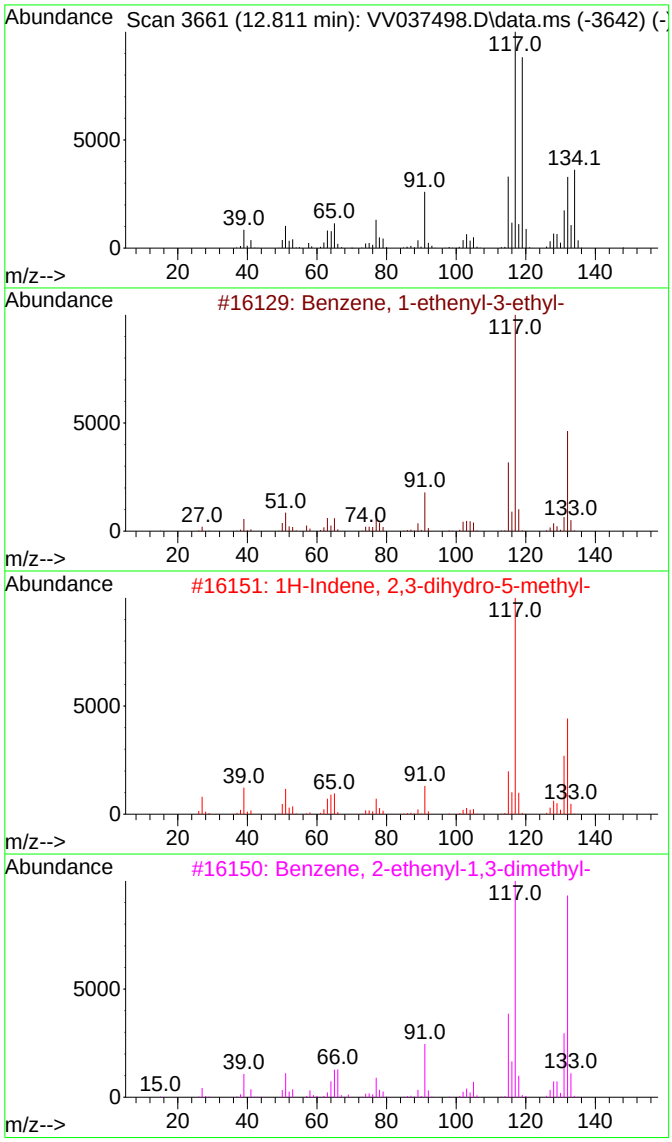
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

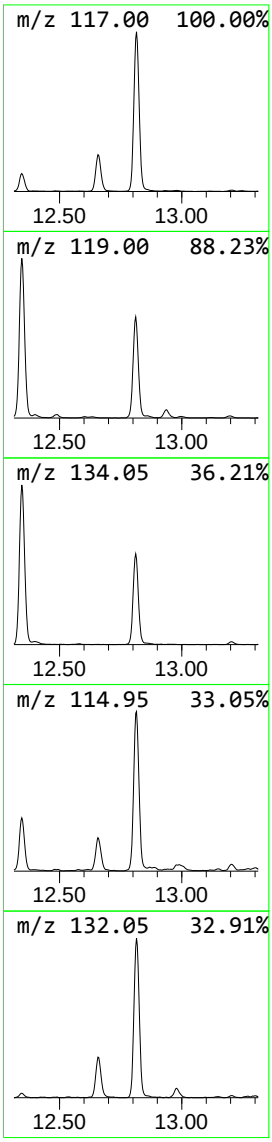
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.812	7.30 ug/L	1904020	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

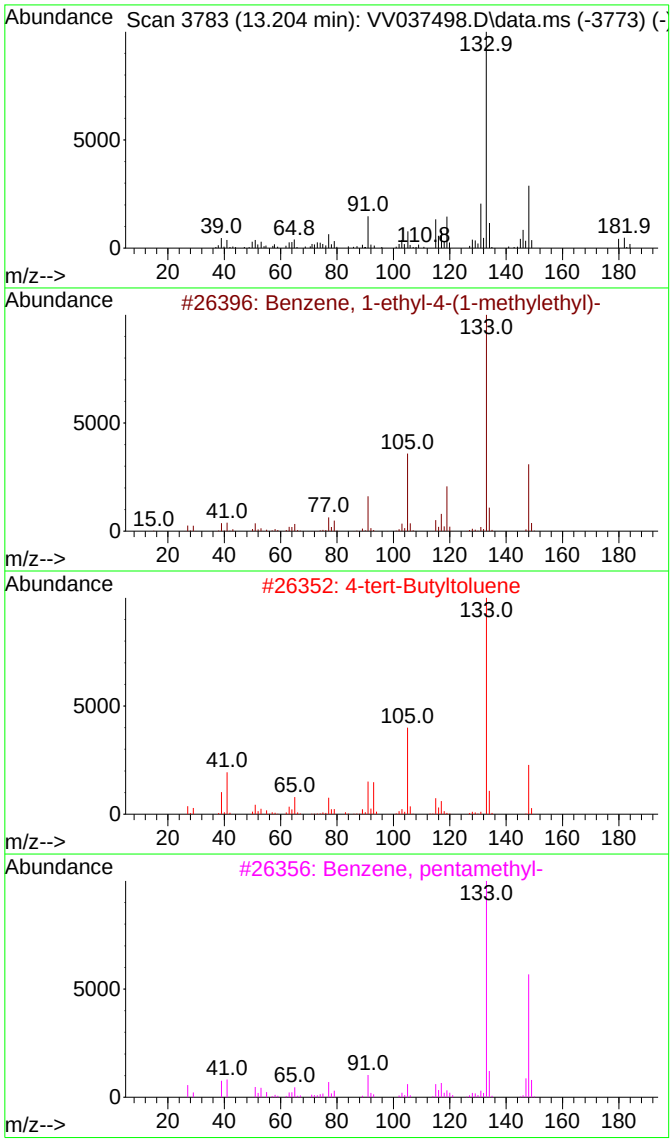
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

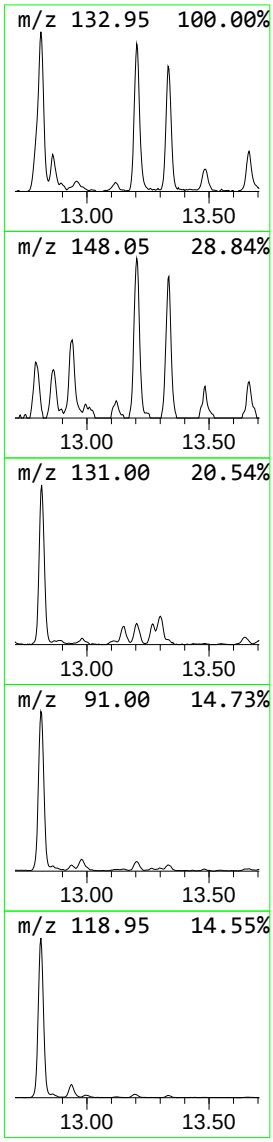
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	0.51 ug/L	131684	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	76
2	4-tert-Butyltoluene	148	C11H16	000098-51-1	70
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	70
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	68
5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

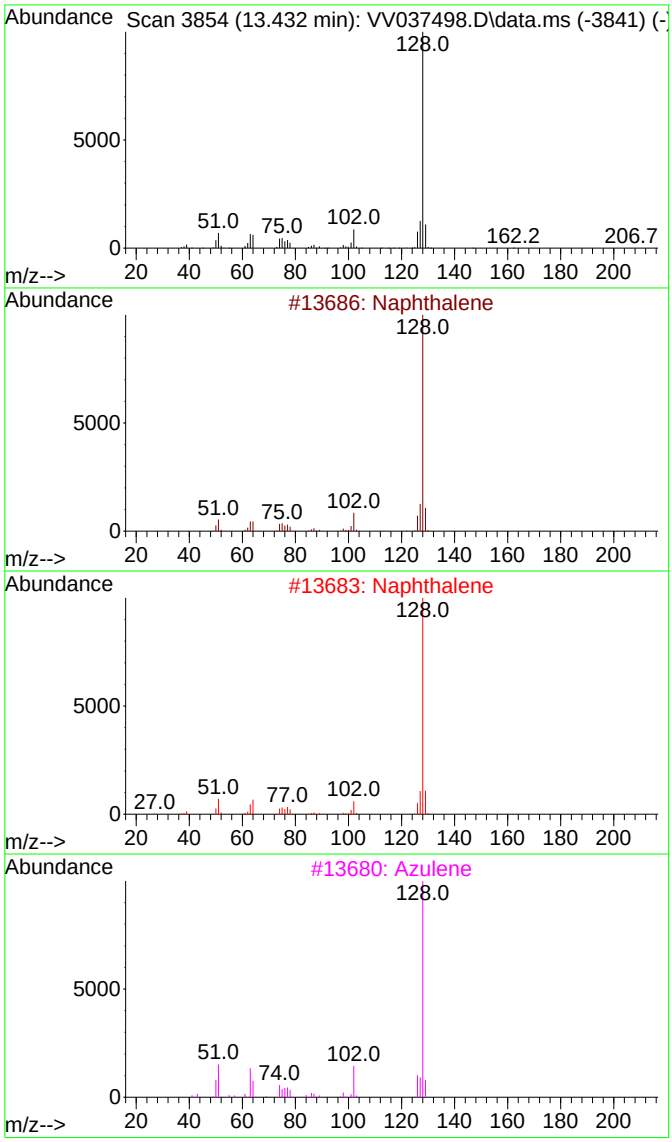
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

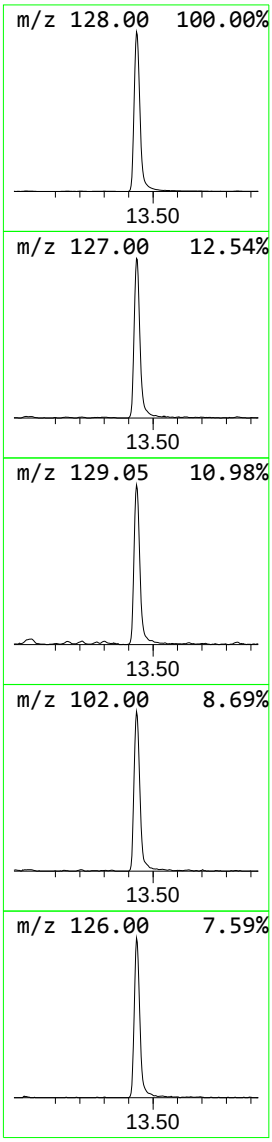
****

Peak Number 18 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.432	7.06 ug/L	1839160	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
Data File : VV037498.D
Acq On : 24 Sep 2024 11:39
Operator : SY/MD
Sample : P4081-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.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: C...	3.658	1.9	ug/L	360351	1	5.529	968319	5.0
(DEL) Alkane: S...	4.657	0.9	ug/L	166240	1	5.529	968319	5.0
(DEL) Alkane: S...	4.818	0.9	ug/L	169861	1	5.529	968319	5.0
Aziridine, 2-et...	5.079	0.9	ug/L	181145	1	5.529	968319	5.0
(DEL) Alkane: C...	5.153	0.9	ug/L	168660	1	5.529	968319	5.0
(DEL) Alkane: C...	5.227	1.2	ug/L	226970	1	5.529	968319	5.0
Benzene, propyl-	10.281	15.7	ug/L	4103600	3	11.181	1303350	5.0
Benzene, 1,2,3-...	11.268	4.5	ug/L	1161890	3	11.181	1303350	5.0
Indane	11.458	8.5	ug/L	2226010	3	11.181	1303350	5.0
Benzene, 1-meth...	11.950	6.2	ug/L	1603640	3	11.181	1303350	5.0
Benzene, 1-ethe...	12.046	2.4	ug/L	632653	3	11.181	1303350	5.0
Benzene, 2-ethy...	12.249	0.7	ug/L	193433	3	11.181	1303350	5.0
Benzene, 1,2,3,...	12.345	5.3	ug/L	1372700	3	11.181	1303350	5.0
Benzene, 2-ethe...	12.657	1.1	ug/L	290189	3	11.181	1303350	5.0
1H-Indene, 2,3-...	12.812	7.3	ug/L	1904020	3	11.181	1303350	5.0
Benzene, 1-ethy...	13.204	0.5	ug/L	131684	3	11.181	1303350	5.0
Azulene	13.432	7.1	ug/L	1839160	3	11.181	1303350	5.0