LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

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\SFAMVTR122721WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV024211.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.108	16	21	36	rVB	84648	79457	3.55%	0.660%
2	1.214	47	54	70	rVB	221019	191268	8.53%	1.588%
3	1.294	70	79	91	rBV	2206091	2241016	100.00%	18.605%
4	1.355	91	98	108	rVV	266182	265943	11.87%	2.208%
5	1.416	110	117	130	rVB	182417	188372	8.41%	1.564%
6	1.584	150	169	179	rBV	560953	689873	30.78%	5.727%
7	1.632	179	184	198	rVB	35822	47026	2.10%	0.390%
8	1.818	231	242	254	rVB3	77507	119635	5.34%	0.993%
9	1.902	259	268	276	rBV	65261	83219	3.71%	0.691%
10	1.982	286	293	298	rBV	23060	28541	1.27%	0.237%
11	2.024	298	306	323	rVB	278915	386939	17.27%	3.212%
12	2.108	323	332	346	rVB	82500	121173	5.41%	1.006%
13	2.478	427	447	462	rBV	90814	168410	7.51%	1.398%
14	2.577	468	478	498	rVB2	32614	76434	3.41%	0.635%
15	3.275	680	695	710	rVB3	28269	62997	2.81%	0.523%
16	3.365	710	723	734	rBV4	10634	23286	1.04%	0.193%
17	3.432	735	744	756	rVB2	12647	27239	1.22%	0.226%
18	3.580	777	790	807	rVB4	14191	32667	1.46%	0.271%
19	3.764	831	847	857	rBV3	14649	36802	1.64%	0.306%
20	3.831	857	868	884	rVB6	15760	51246	2.29%	0.425%
21	3.912	884	893	912	rBV2	13093	45307	2.02%	0.376%
22	4.349	1016	1029	1051	rBV	60717	154293	6.88%	1.281%
23	4.458	1051	1063	1086	rVB3	30049	75451	3.37%	0.626%
24	4.677	1117	1131	1143	rBV3	12016	28660	1.28%	0.238%
25	5.050	1230	1247	1252	rBV2	133307	285515	12.74%	2.370%
26	5.098	1253	1262	1286	rVV	426424	945847	42.21%	7.852%
27	5.220	1288	1300	1317	rVB2	45095	104505	4.66%	0.868%
28	5.365	1337	1345	1360	rVB3	16038	32580	1.45%	0.270%
29	5.619	1413	1424	1444	rBV	92910	212178	9.47%	1.761%
30	5.944	1508	1525	1543	rBV3	47090	100146	4.47%	0.831%
31	6.069	1550	1564	1577	rBV	71824	152531	6.81%	1.266%
32	6.802	1782	1792	1802	rBV2	17054	30762	1.37%	0.255%
33	6.989	1838	1850	1866	rBV	38412	71454	3.19%	0.593%
34	7.169	1892	1906	1920	rVB3	21343	38969	1.74%	0.324%
35	7.317	1933	1952	1965	rBV	158015	285623	12.75%	2.371%
36	7.387	1965	1974	1987	rVB	141608	235017	10.49%	1.951%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

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\SFAMVTR122721WMA.M
Title : TRACE VOA SFAM1.0

37	7.625	2041	2048	2062	rVB2	20709	32724	1.46%	0.272%
38	7.699	2062	2071	2082	rVB2	24997	42795	1.91%	0.355%
39	7.860	2109	2121	2138	rVB6	13836	31591	1.41%	0.262%
40	8.091	2183	2193	2224	rBV	118201	289930	12.94%	2.407%
41	8.217	2225	2232	2249	rVB6	10490	24739	1.10%	0.205%
42	8.853	2419	2430	2438	rBV	146288	244564	10.91%	2.030%
43	9.011	2469	2479	2499	rBV	314874	497296	22.19%	4.128%
44	9.136	2501	2518	2542	rVB	375212	622989	27.80%	5.172%
45	9.262	2547	2557	2561	rBV4	25108	39056	1.74%	0.324%
46	9.300	2561	2569	2588	rVB2	108967	205925	9.19%	1.710%
47	9.542	2635	2644	2666	rVB	203431	325194	14.51%	2.700%
48	9.863	2734	2744	2755	rBV2	22541	37232	1.66%	0.309%
49	9.931	2756	2765	2781	rVB2	30559	48379	2.16%	0.402%
50	10.217	2843	2854	2865	rBV	56636	91232	4.07%	0.757%
51	10.355	2880	2897	2907	rBV	40216	76942	3.43%	0.639%
52	10.474	2924	2934	2946	rVB	39630	62558	2.79%	0.519%
53	10.738	3006	3016	3033	rVB	81374	127892	5.71%	1.062%
54	10.914	3061	3071	3084	rBV	76387	119312	5.32%	0.991%
55	11.249	3164	3175	3191	rBV	185892	301803	13.47%	2.506%
56	11.336	3191	3202	3214	rBV	140933	214850	9.59%	1.784%
57	11.525	3248	3261	3280	rBV	103837	177596	7.92%	1.474%
58	11.625	3280	3292	3316	rVB2	192086	361157	16.12%	2.998%
59	12.014	3403	3413	3420	rBV	26065	41546	1.85%	0.345%
60	12.114	3432	3444	3465	rVB4	43874	84825	3.79%	0.704%
61	12.464	3545	3553	3563	rVB2	19040	28570	1.27%	0.237%
62	12.725	3625	3634	3647	rVB	20188	30215	1.35%	0.251%
63	12.882	3668	3683	3699	rBV3	58780	97889	4.37%	0.813%
64	13.503	3863	3876	3886	rBV	42264	66356	2.96%	0.551%

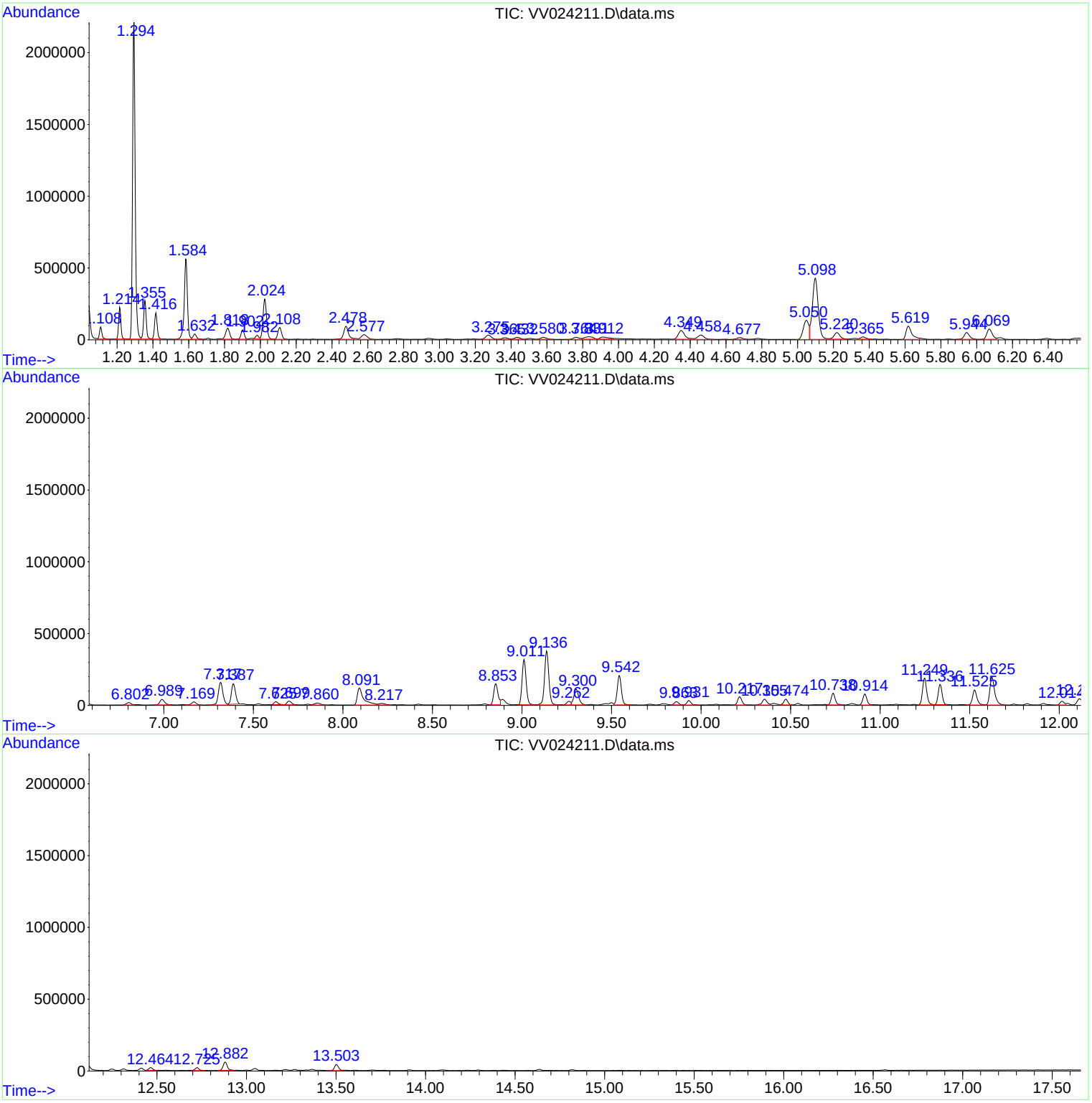
Sum of corrected areas: 12045538

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.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\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

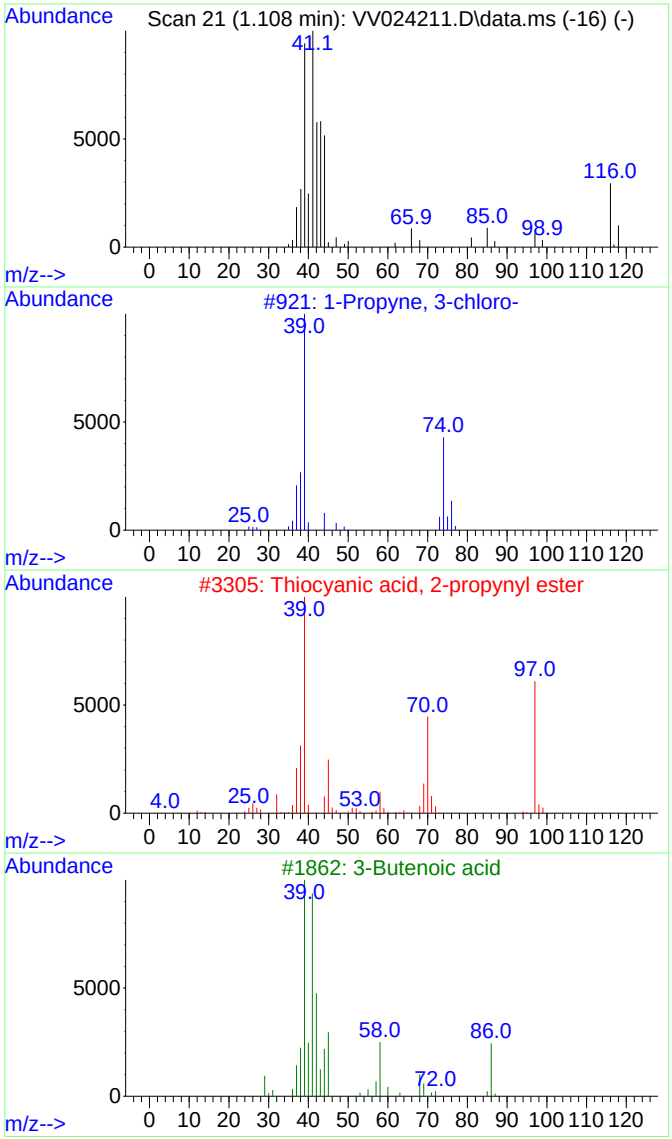
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

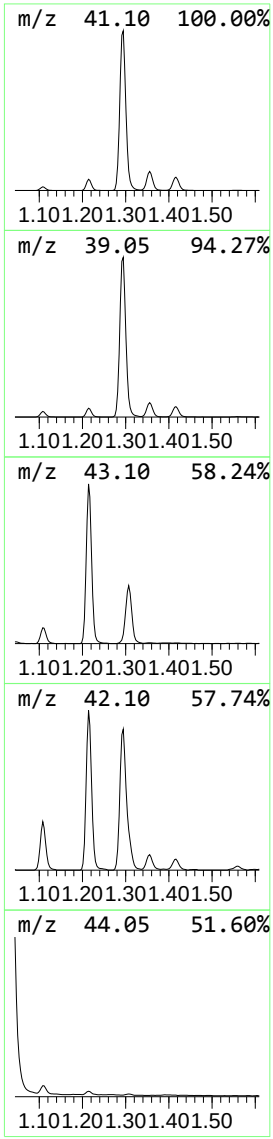
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Propyne, 3-chloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.108	1.87 ug/L	79457	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	64
2	Thiocyanic acid, 2-propynyl ester	97	C4H3NS	024309-48-6	64
3	3-Butenoic acid	86	C4H6O2	000625-38-7	56
4	Cyclopropanecarboxamide	85	C4H7NO	006228-73-5	56
5	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

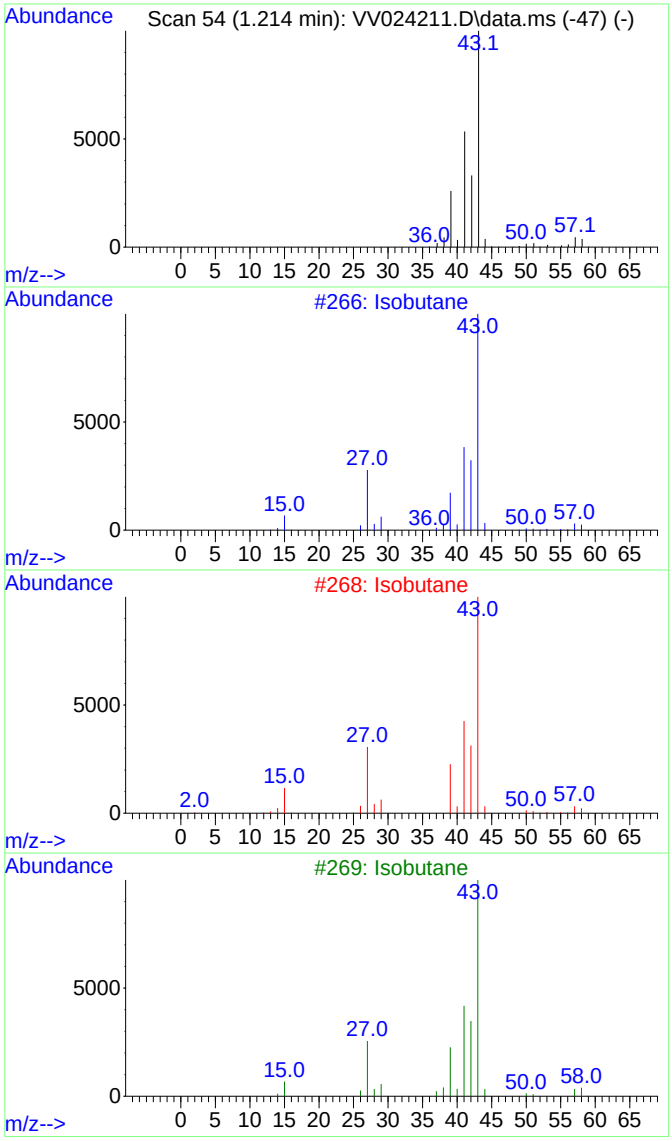
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

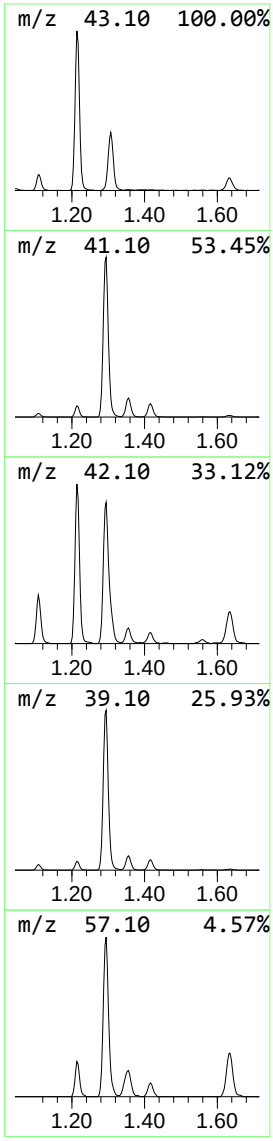
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.214	4.51 ug/L	191268	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	64
5	Isobutane	58	C4H10	000075-28-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

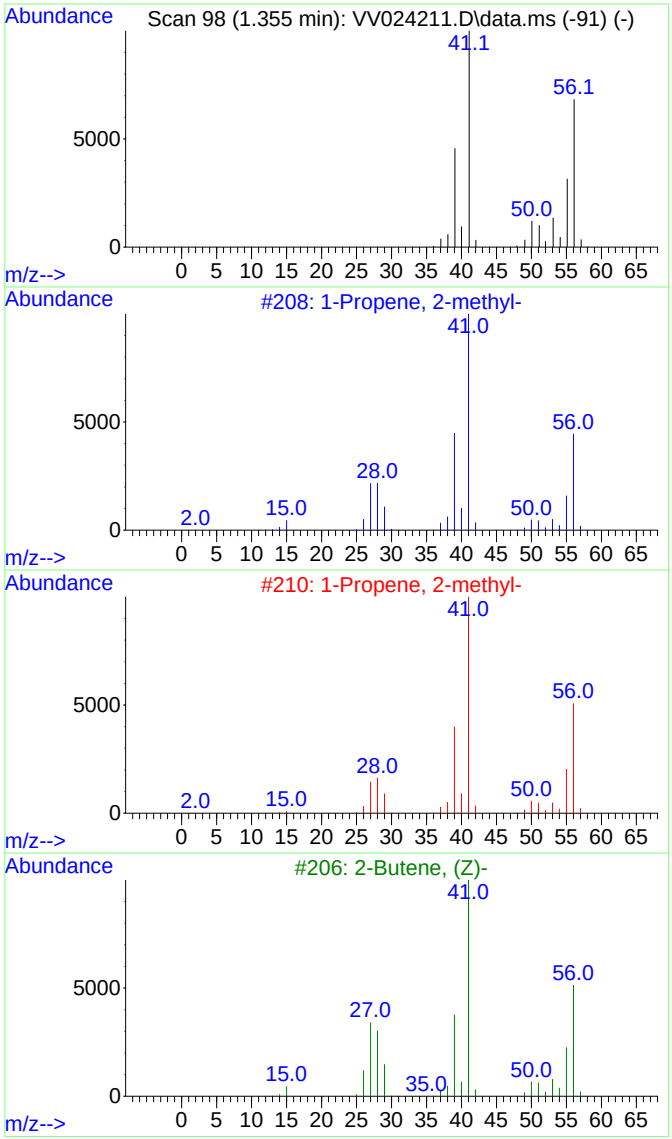
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

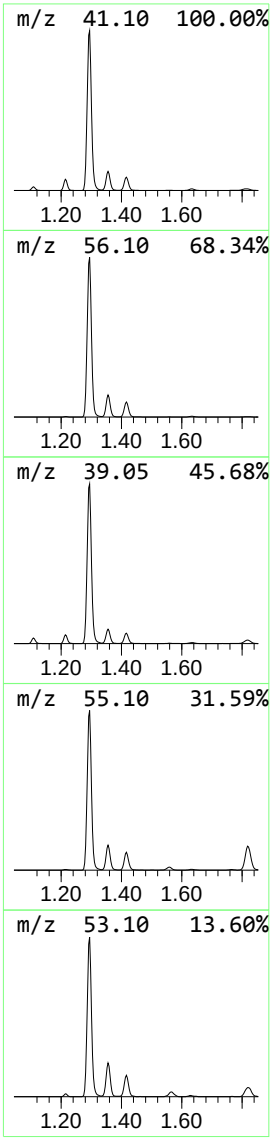
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.355	6.27 ug/L	265943	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	83
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	72
3	2-Butene, (Z)-	56	C4H8	000590-18-1	68
4	2-Butene	56	C4H8	000107-01-7	68
5	2-Butene	56	C4H8	000107-01-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

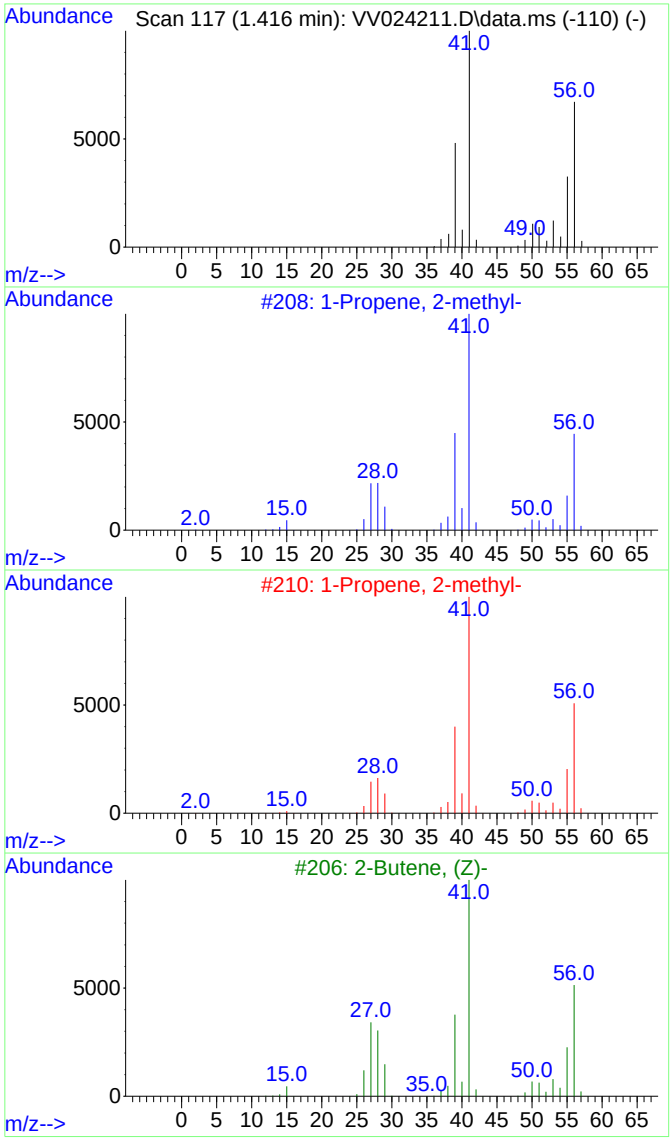
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

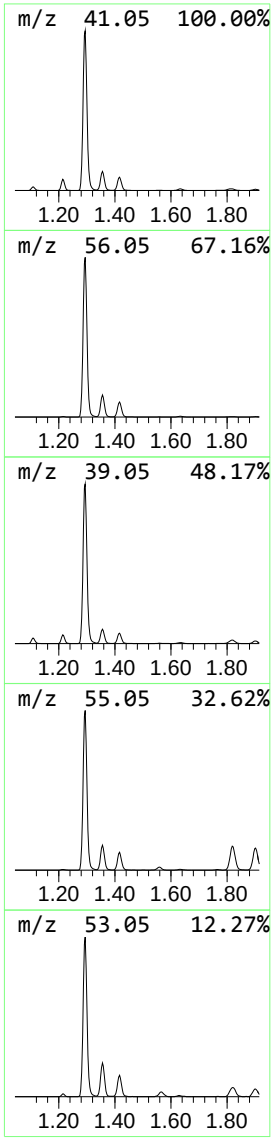
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.416	4.44 ug/L	188372	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	83
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
3	2-Butene, (Z)-	56	C4H8	000590-18-1	68
4	2-Butene	56	C4H8	000107-01-7	64
5	2-Butene	56	C4H8	000107-01-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

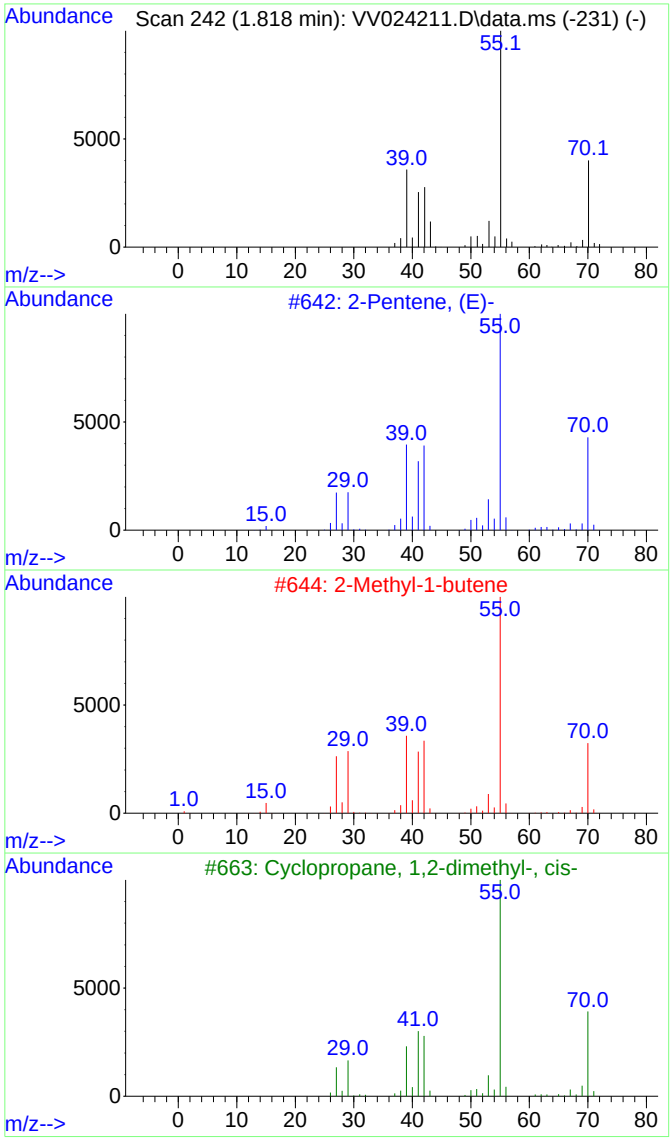
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

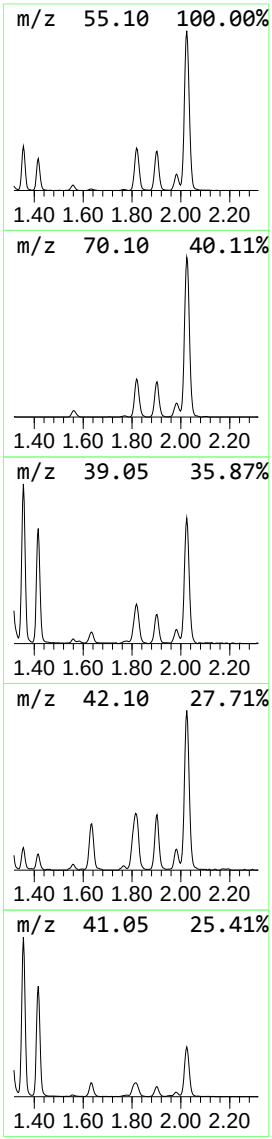
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.818	2.82 ug/L	119635	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	90
2	2-Methyl-1-butene	70	C5H10	000563-46-2	87
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
4	1-Butene, 3-methyl-	70	C5H10	000563-45-1	87
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

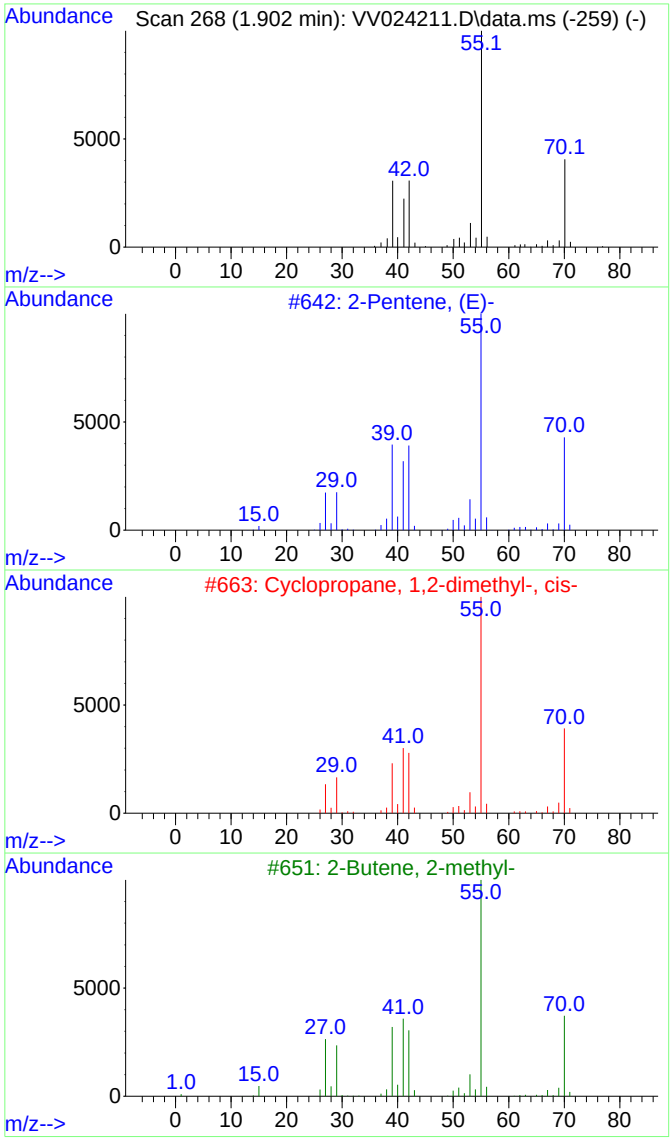
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

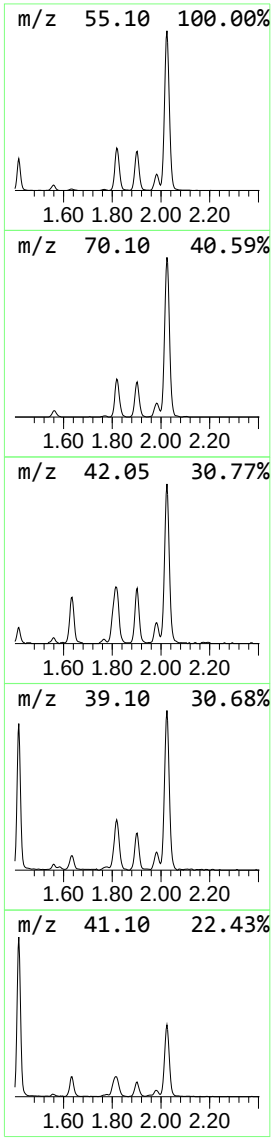
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.902	1.96 ug/L	83219	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	93
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
4	2-Methyl-1-butene	70	C5H10	000563-46-2	87
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

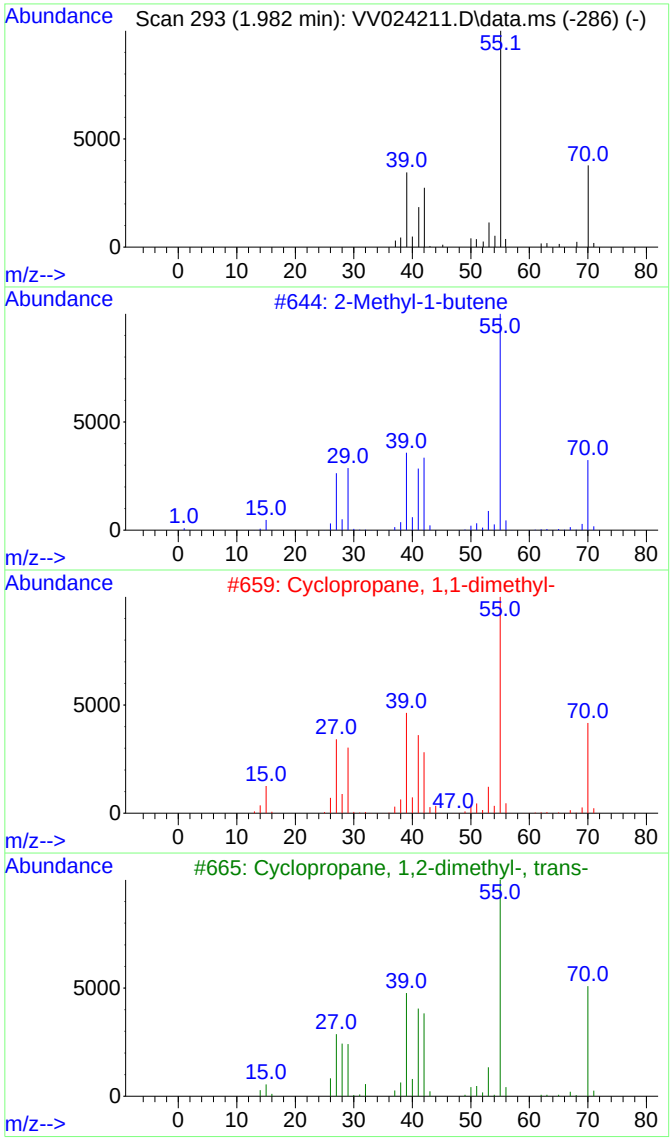
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

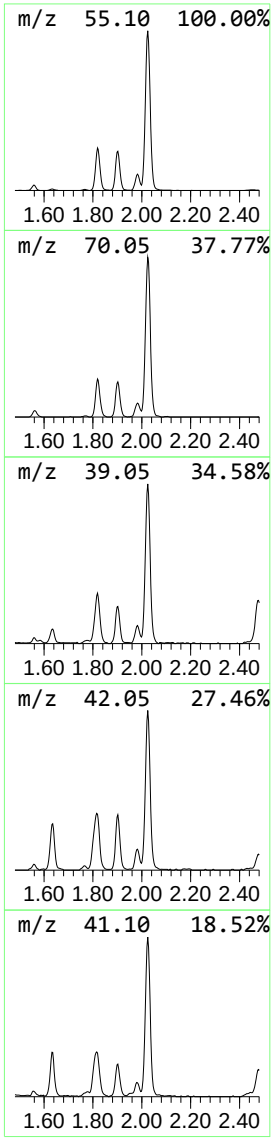
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.982	0.67 ug/L	28541	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-butene	70	C5H10	000563-46-2	86
2	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	83
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	80
5	2-Pentene, (E)-	70	C5H10	000646-04-8	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

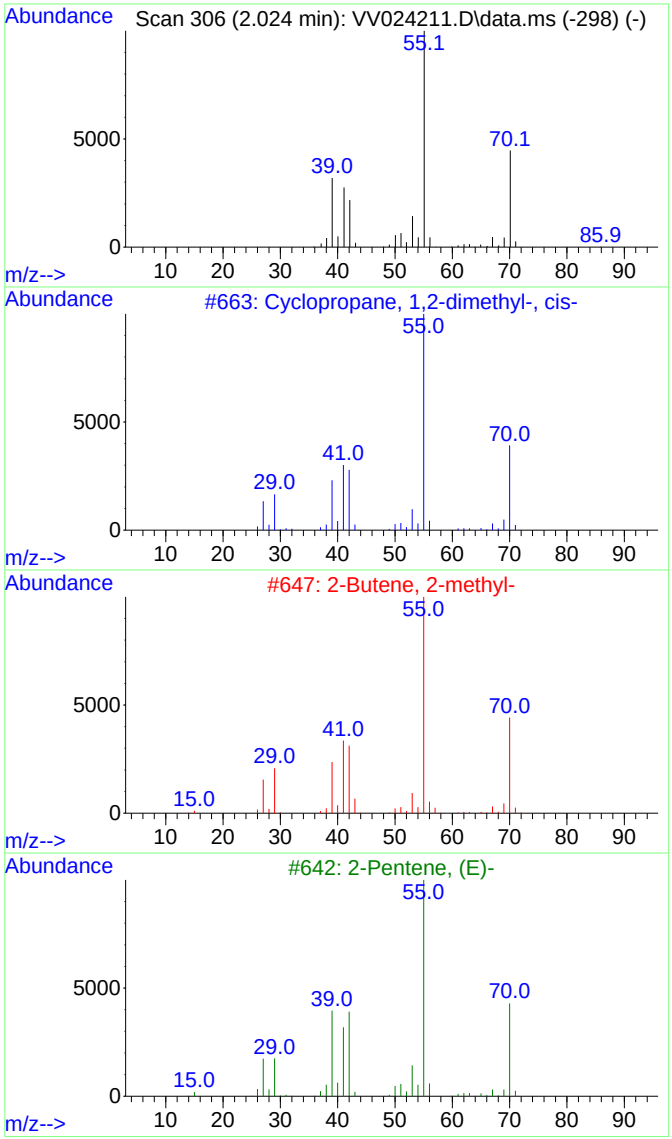
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

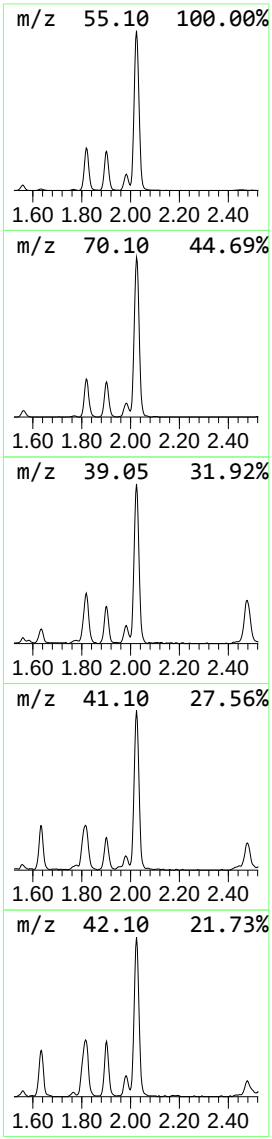
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic2.024 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.024	9.12 ug/L	386939	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
3	2-Pentene, (E)-	70	C5H10	000646-04-8	86
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

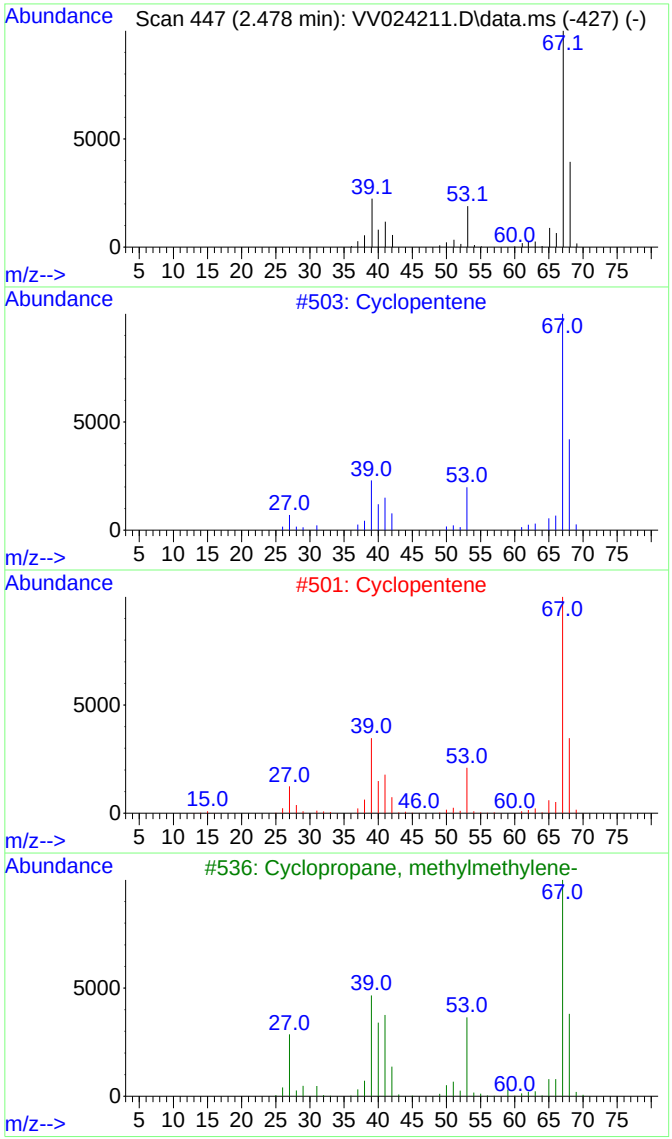
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

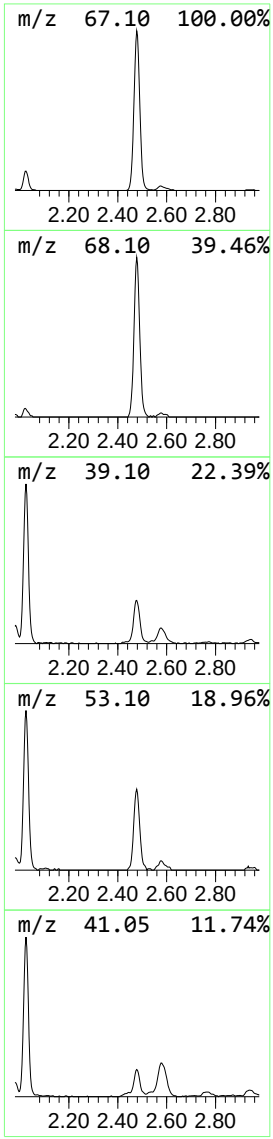
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopentene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.478	3.97 ug/L	168410	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	91
2	Cyclopentene	68	C5H8	000142-29-0	91
3	Cyclopropane, methylmethylene-	68	C5H8	018631-84-0	90
4	Cyclopentene	68	C5H8	000142-29-0	87
5	Cyclopentene	68	C5H8	000142-29-0	86





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Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

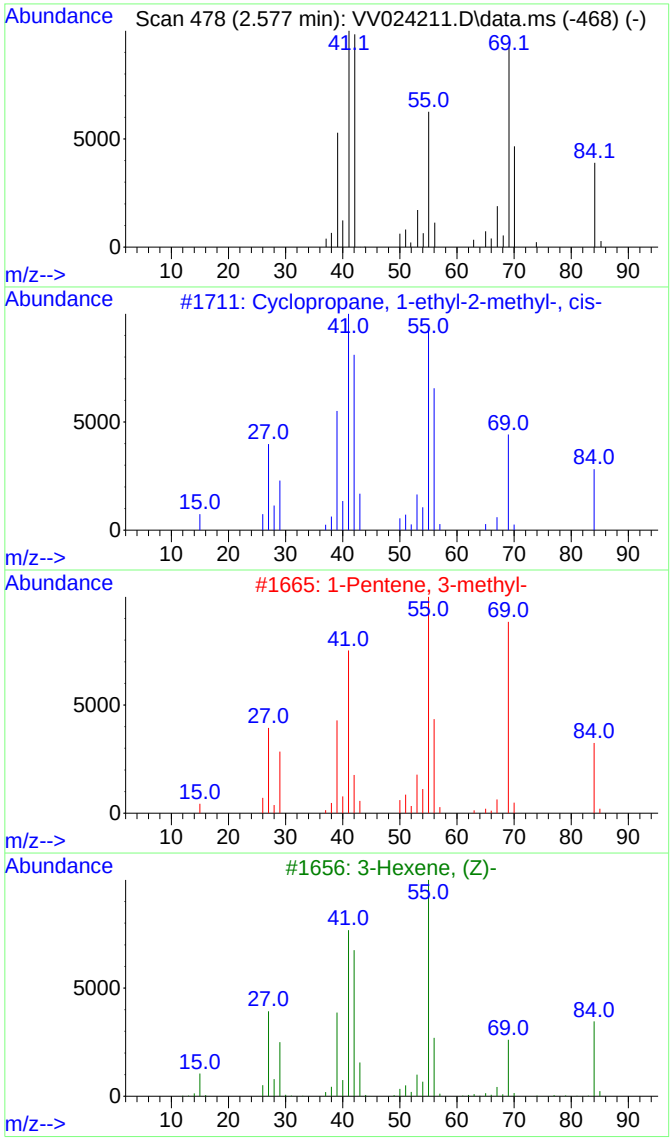
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

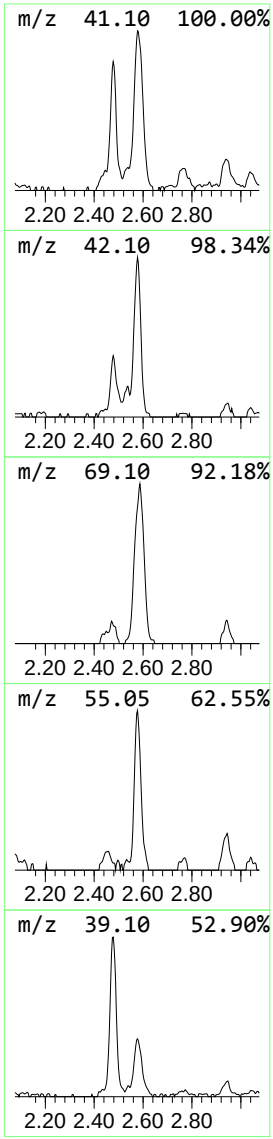
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic2.577 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.577	1.80 ug/L	76434	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	49
2	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	49
3	3-Hexene, (Z)-	84	C6H12	007642-09-3	46
4	1-Hexene	84	C6H12	000592-41-6	46
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

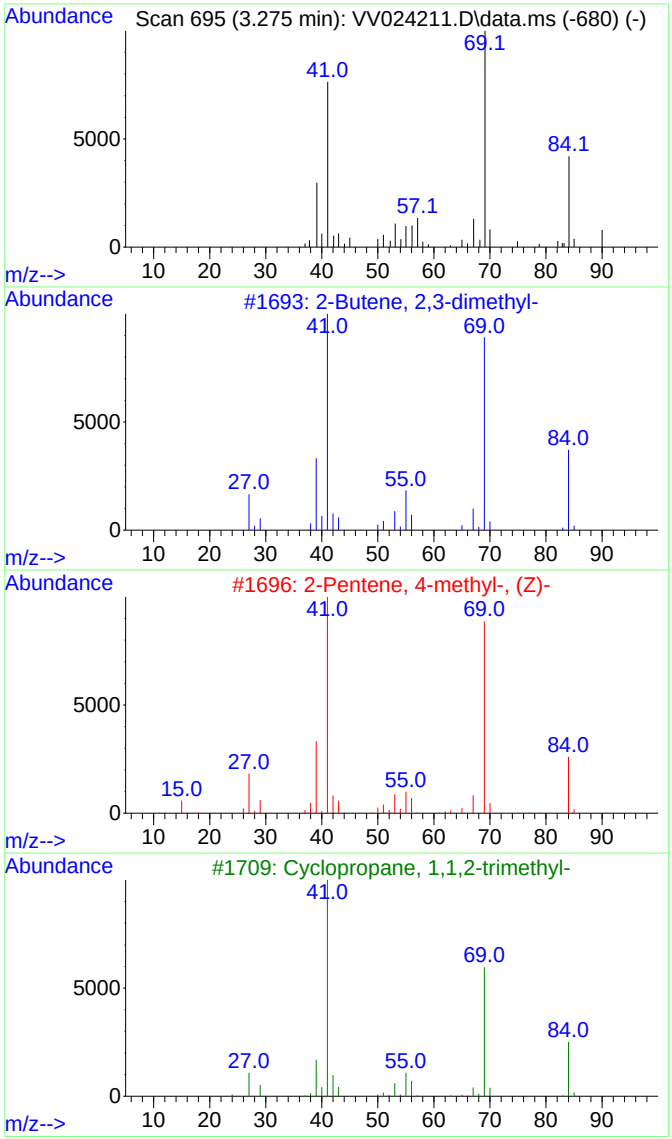
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

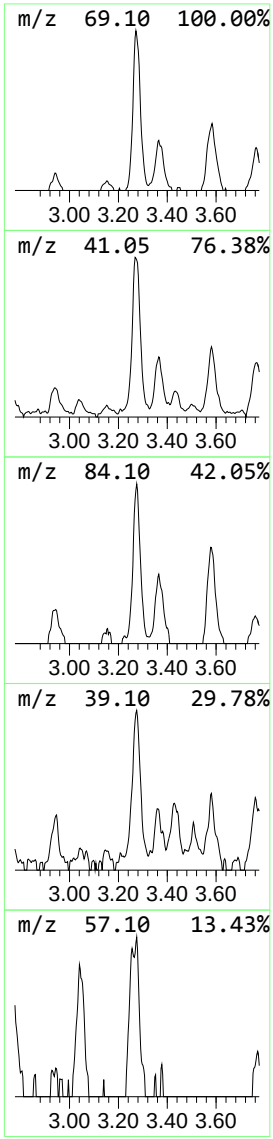
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.275	1.48 ug/L	62997	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	87
2	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	87
3	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	86
4	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	81
5	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

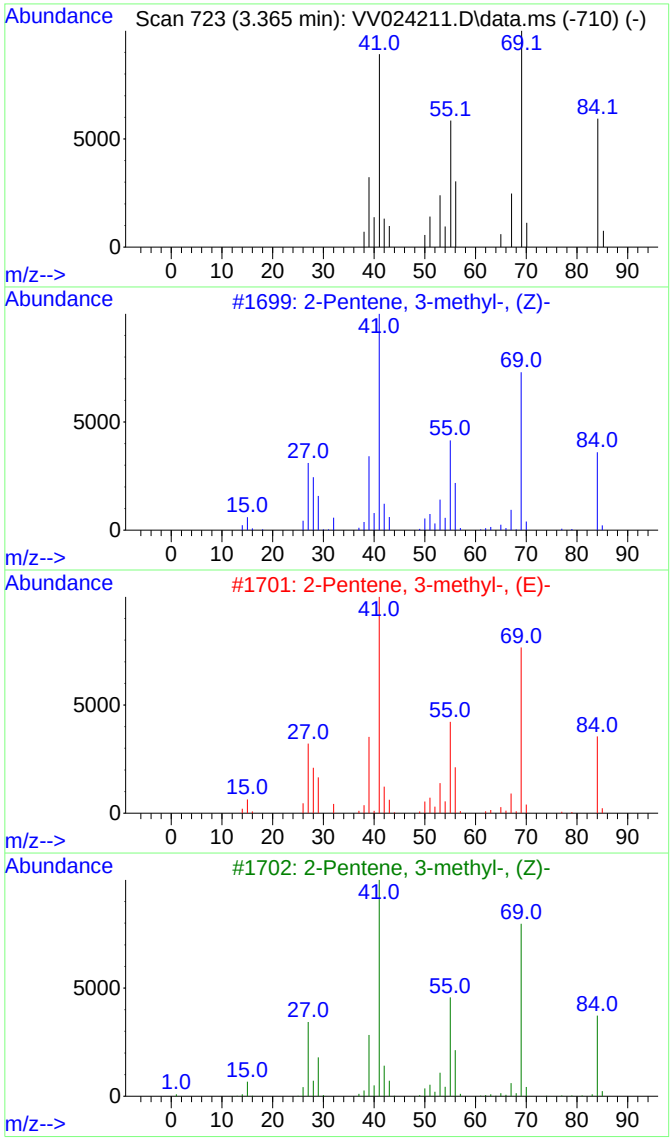
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

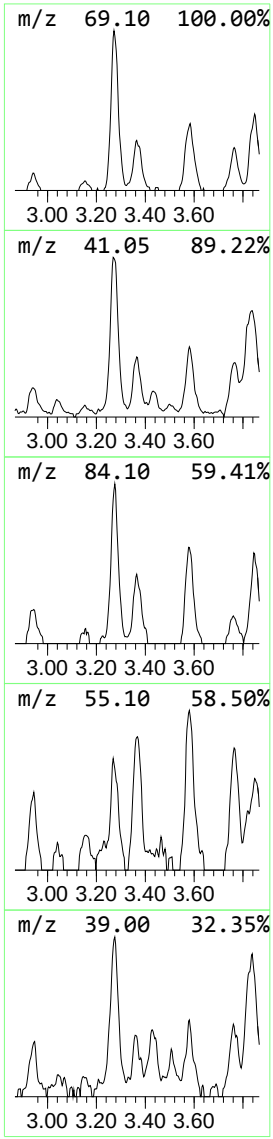
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.365	0.55 ug/L	23286	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	87
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	86
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	80
4	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	80
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

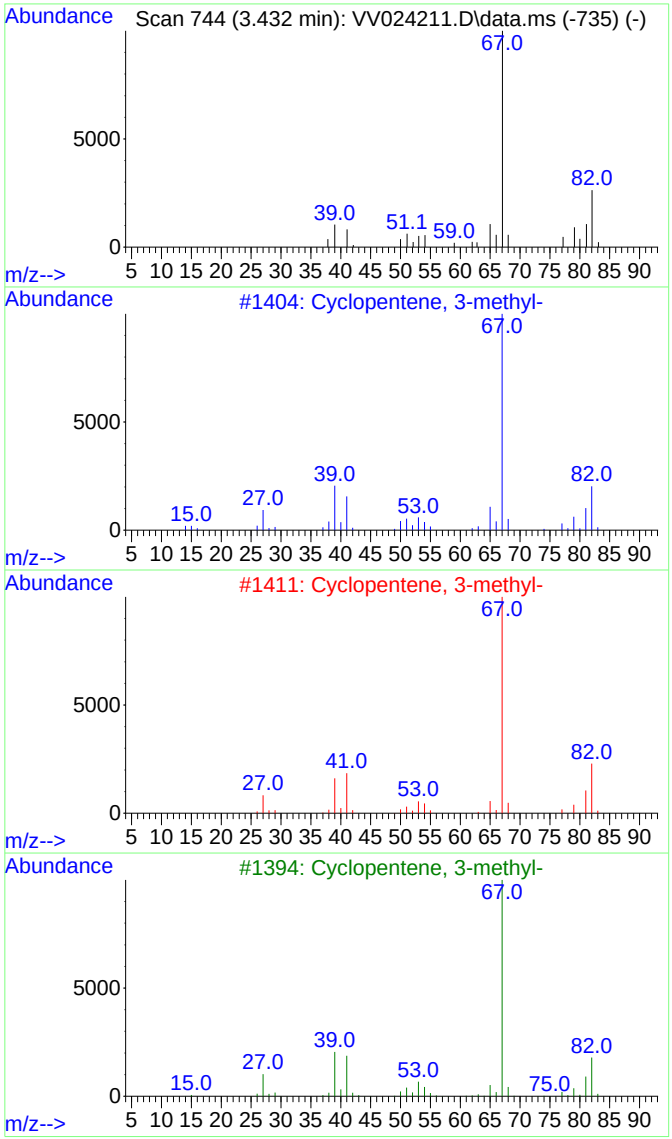
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

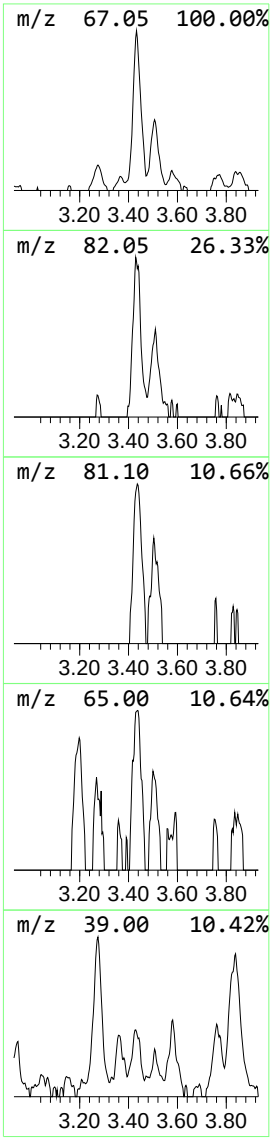
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopentene, 3-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.432	0.64 ug/L	27239	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	87
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	80
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	80
4	(Z),(Z)-2,4-Hexadiene	82	C6H10	006108-61-8	80
5	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

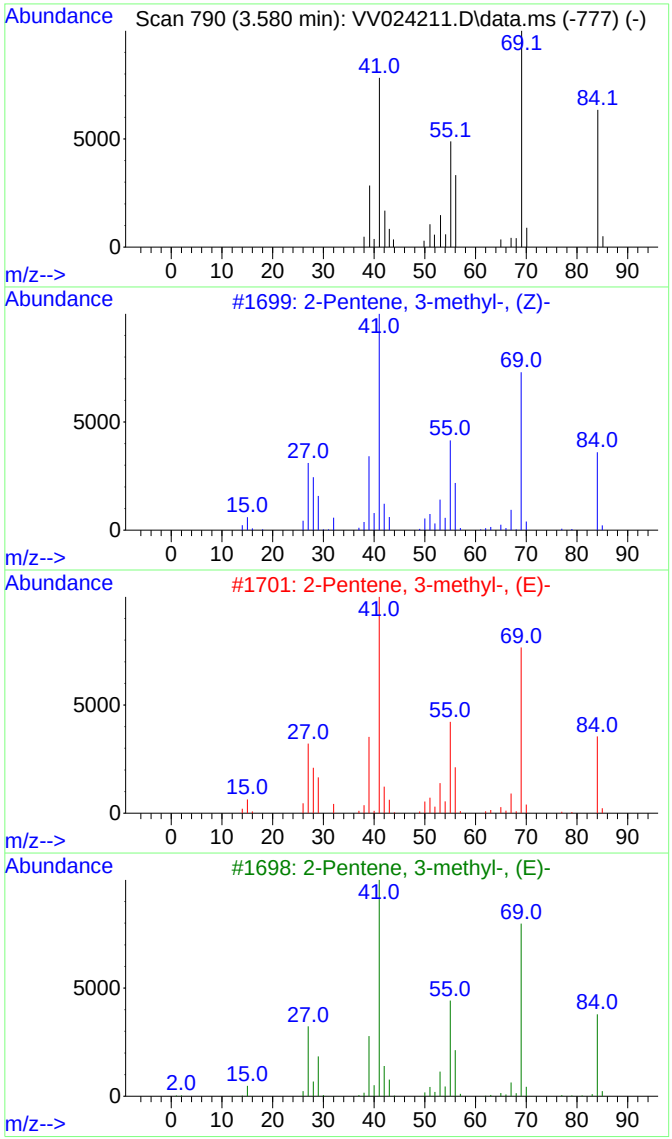
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

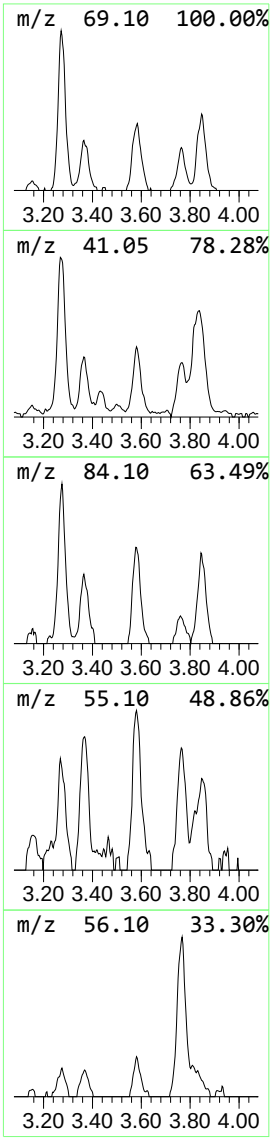
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.580	0.77 ug/L	32667	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	83
4	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	83
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

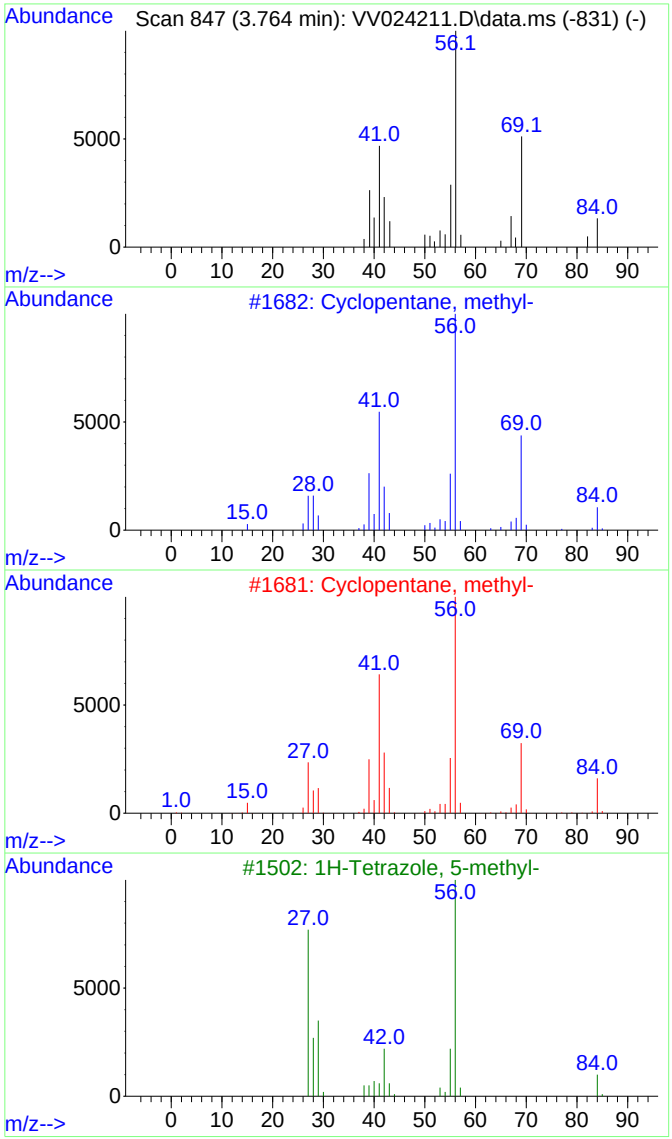
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

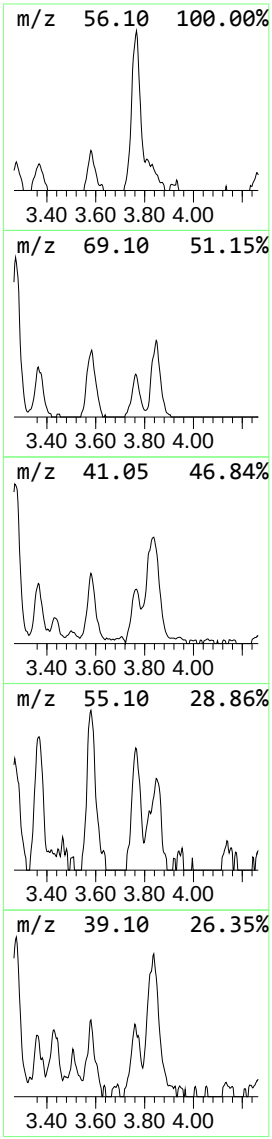
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic3.764 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.764	0.87 ug/L	36802	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

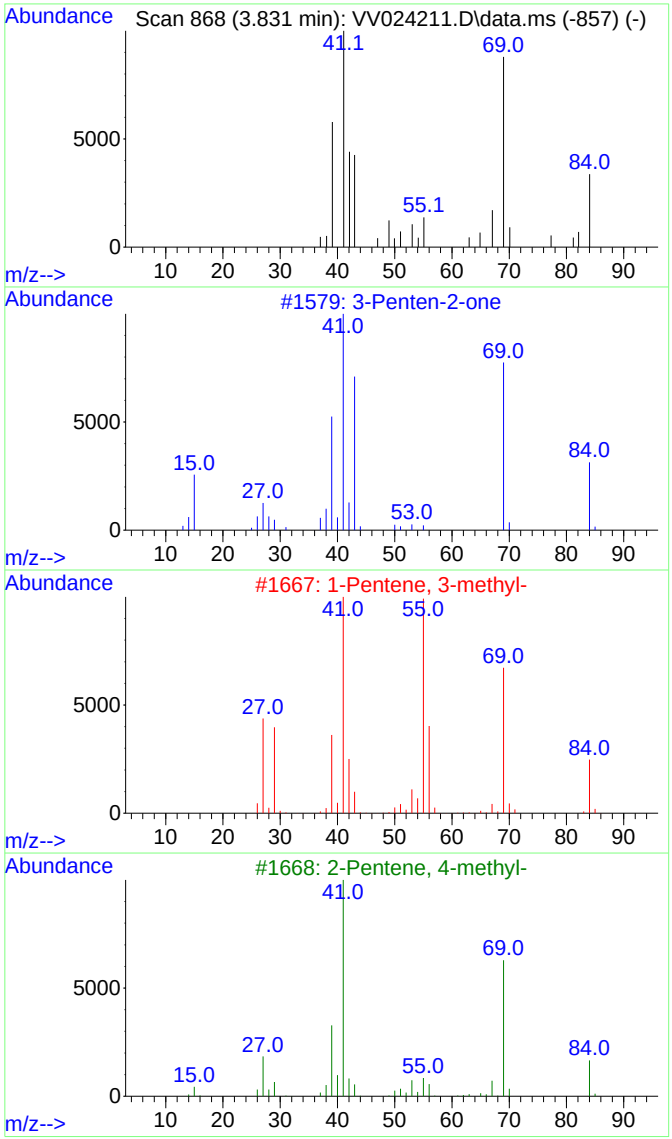
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

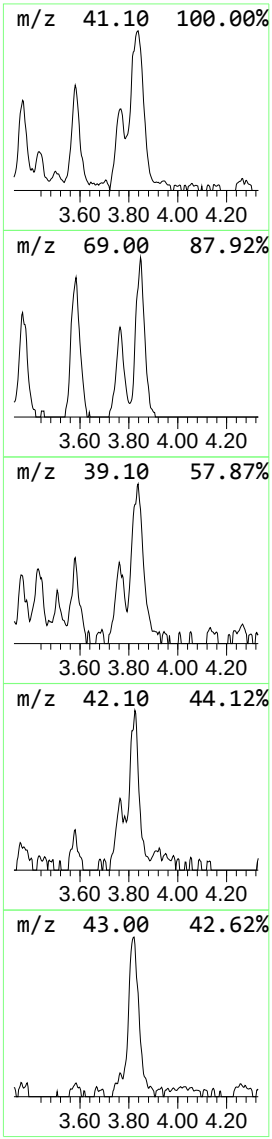
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 3-Penten-2-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.831	1.21 ug/L	51246	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one	84	C5H8O	000625-33-2	53
2	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	50
3	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	49
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	49
5	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

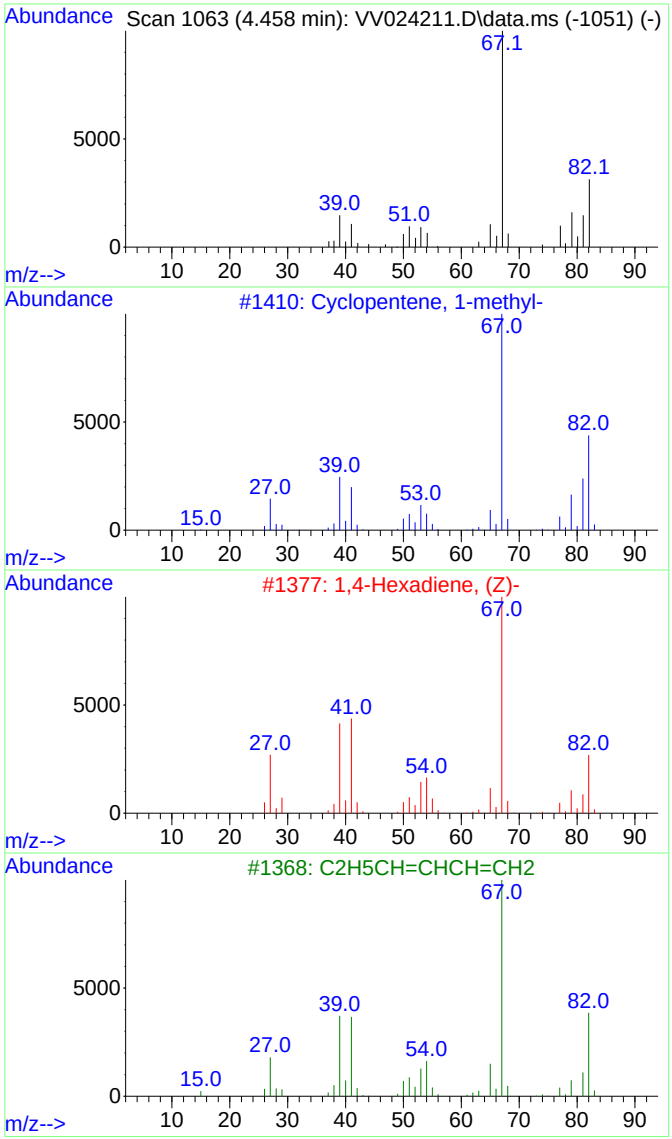
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

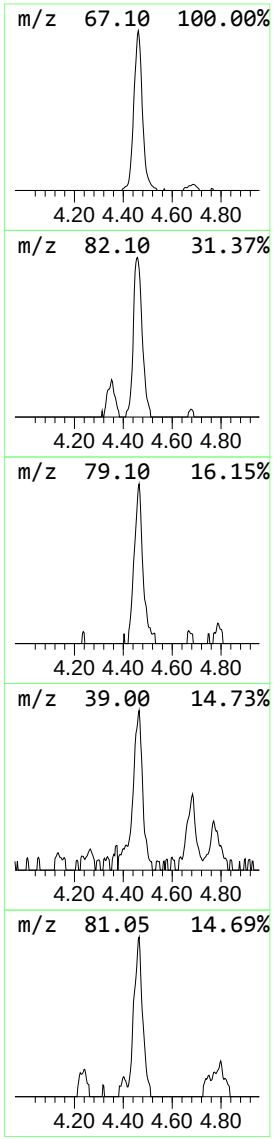
****

Peak Number 17 Cyclopentene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.458	1.78 ug/L	75451	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
2	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	83
3	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	83
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	83
5	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

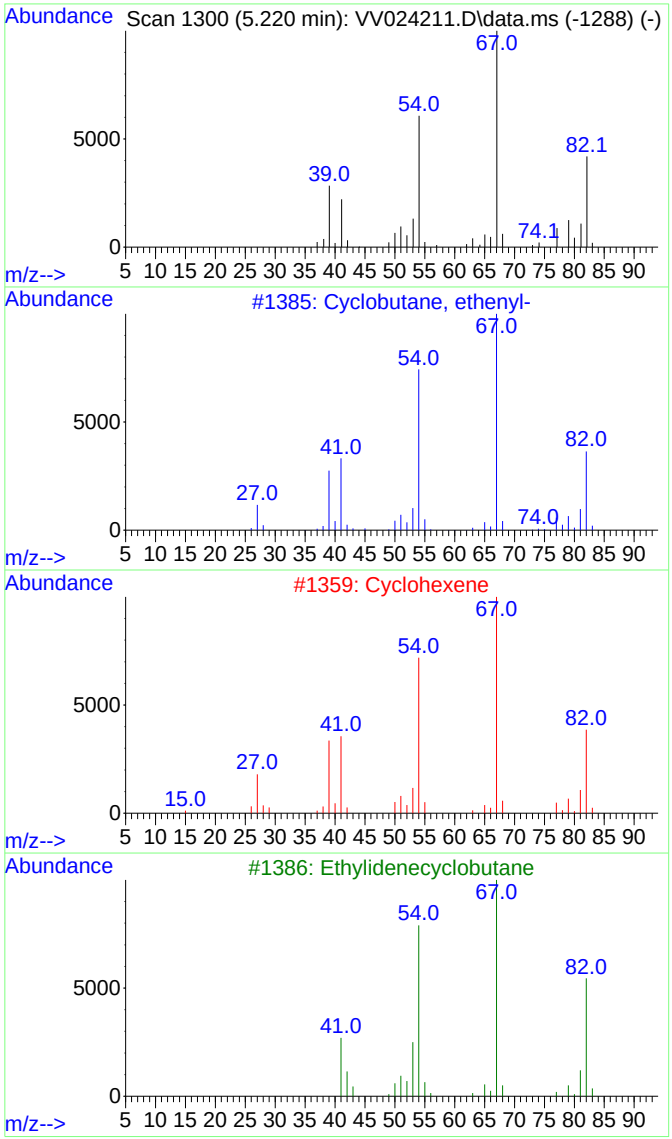
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

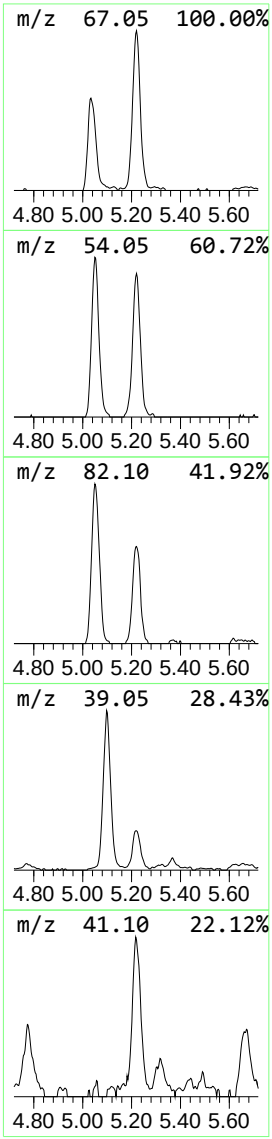
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclobutane, ethenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.220	2.46 ug/L	104505	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	90
2	Cyclohexene	82	C6H10	000110-83-8	90
3	Ethylidenecyclobutane	82	C6H10	001528-21-8	90
4	Cyclohexene	82	C6H10	000110-83-8	90
5	Cyclohexene	82	C6H10	000110-83-8	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

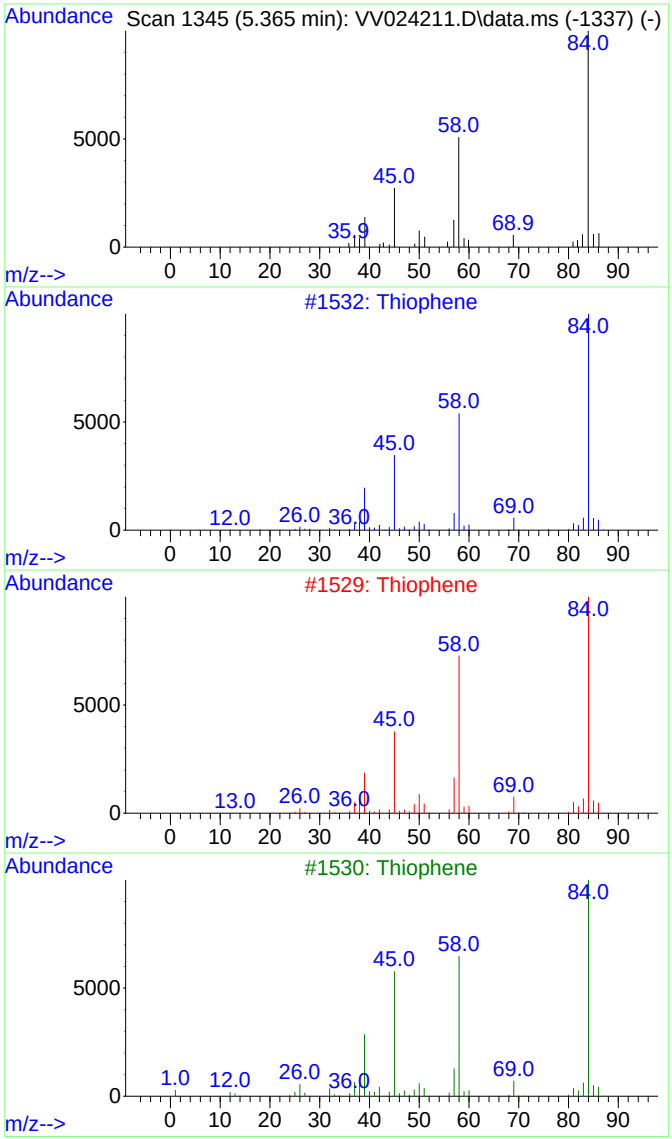
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

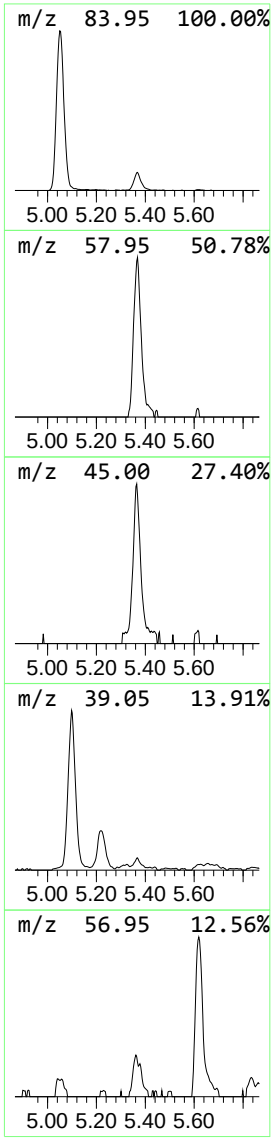
****

Peak Number 19 Thiophene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.365	0.77 ug/L	32580	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	91
2	Thiophene	84	C4H4S	000110-02-1	90
3	Thiophene	84	C4H4S	000110-02-1	83
4	Thiophene	84	C4H4S	000110-02-1	83
5	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

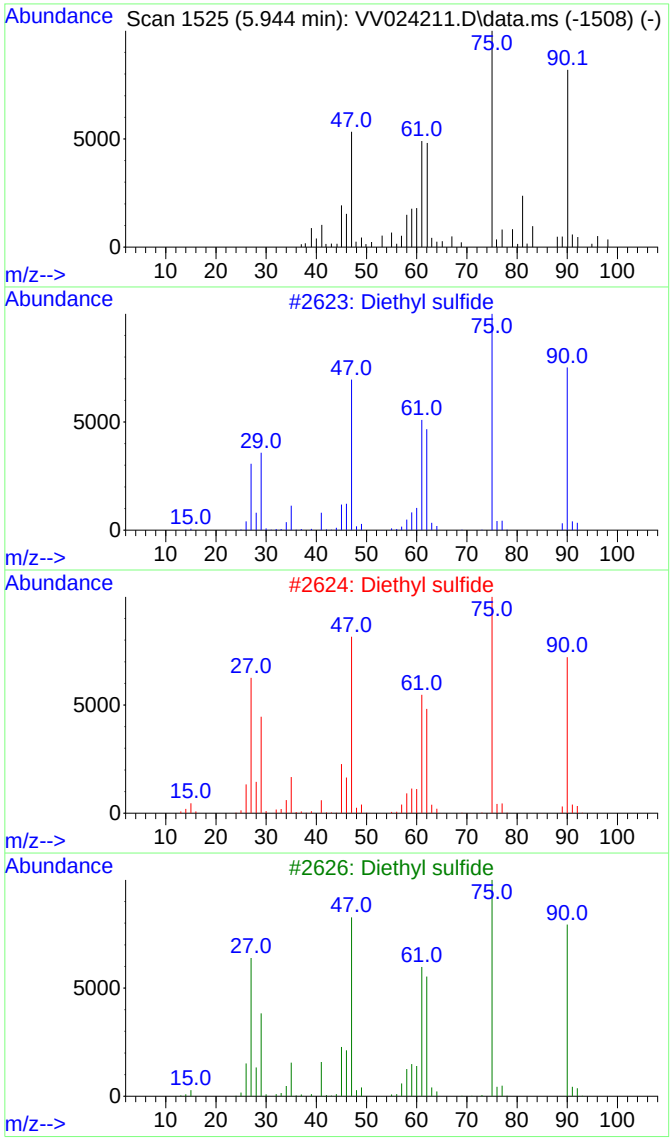
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

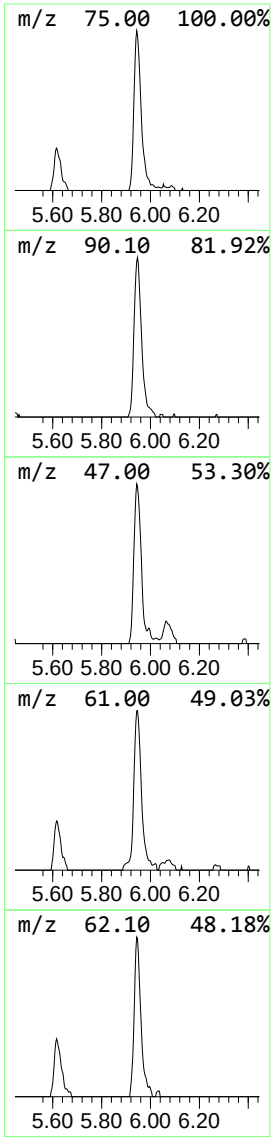
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Diethyl sulfide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.944	2.36 ug/L	100146	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl sulfide	90	C4H10S	000352-93-2	91
2	Diethyl sulfide	90	C4H10S	000352-93-2	91
3	Diethyl sulfide	90	C4H10S	000352-93-2	91
4	Diethyl sulfide	90	C4H10S	000352-93-2	91
5	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

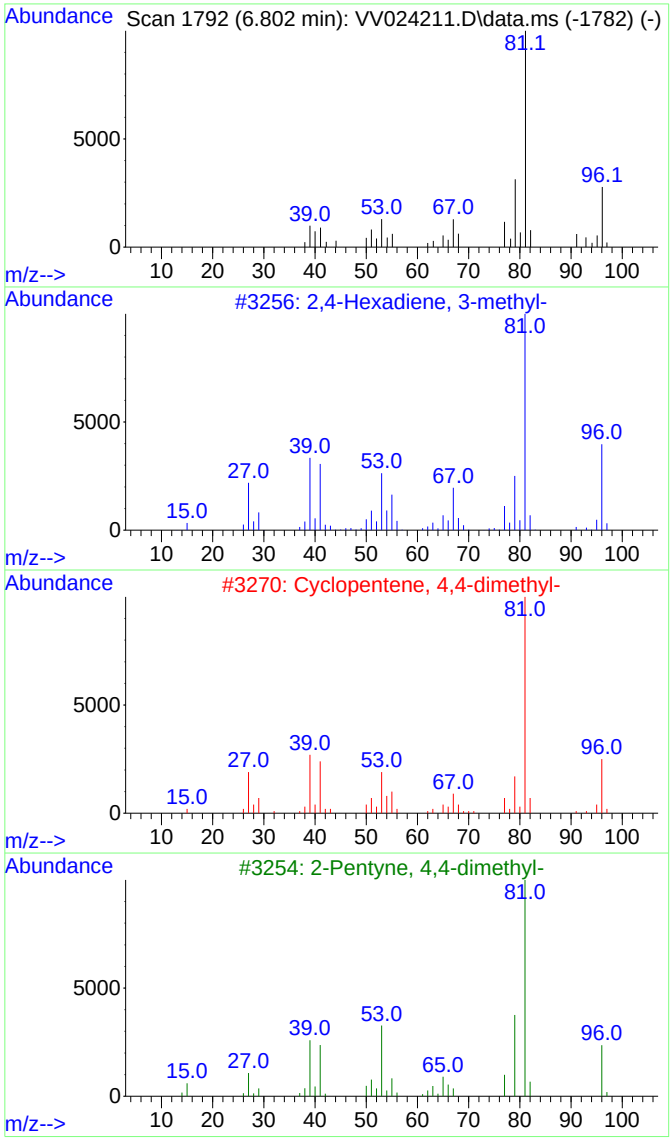
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

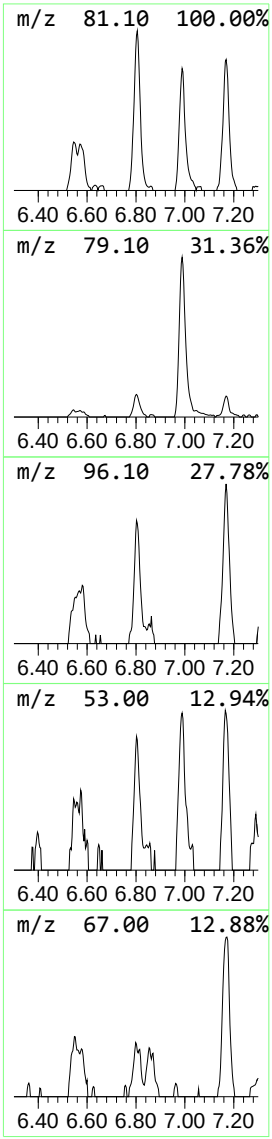
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2,4-Hexadiene, 3-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.802	0.72 ug/L	30762	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	90
2	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	87
3	2-Pentyne, 4,4-dimethyl-	96	C7H12	000999-78-0	87
4	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	80
5	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

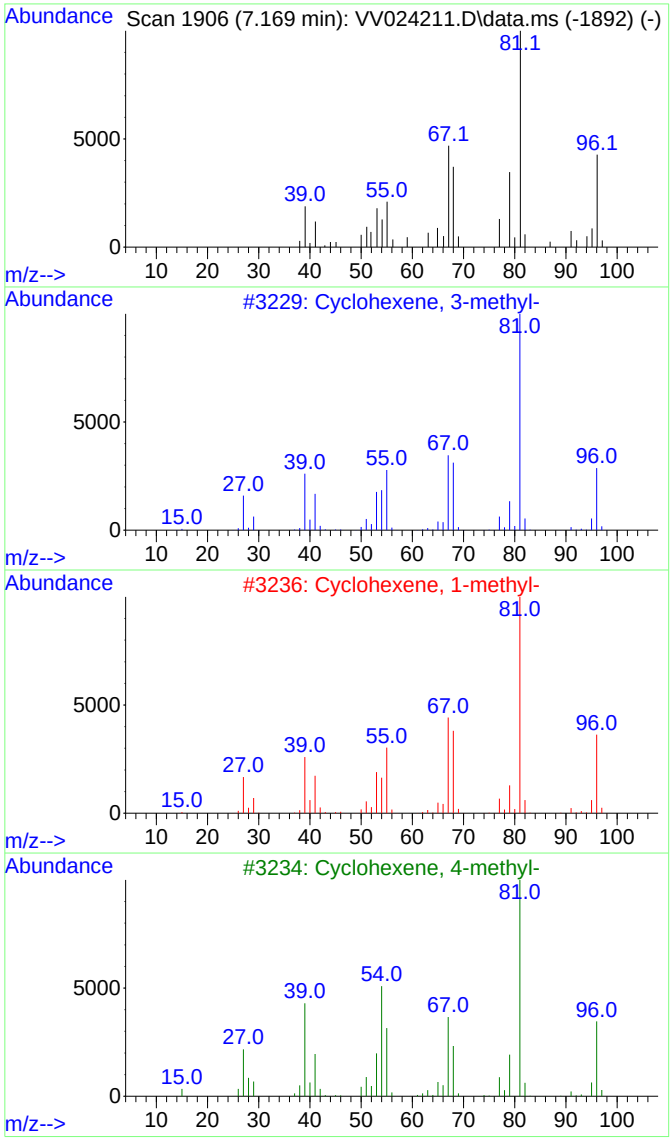
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

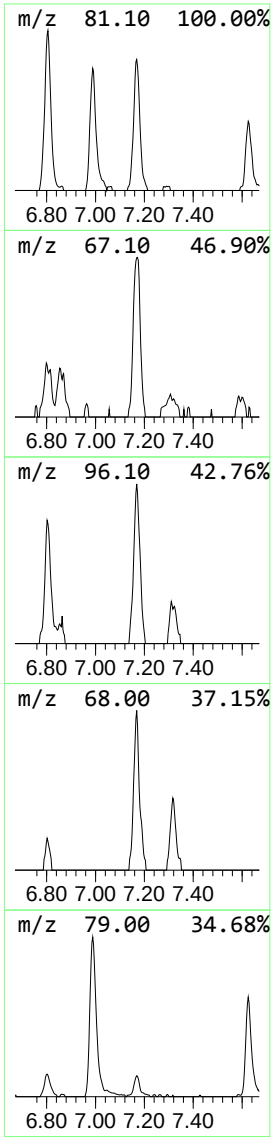
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Cyclohexene, 3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.169	0.92 ug/L	38969	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	90
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	90
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

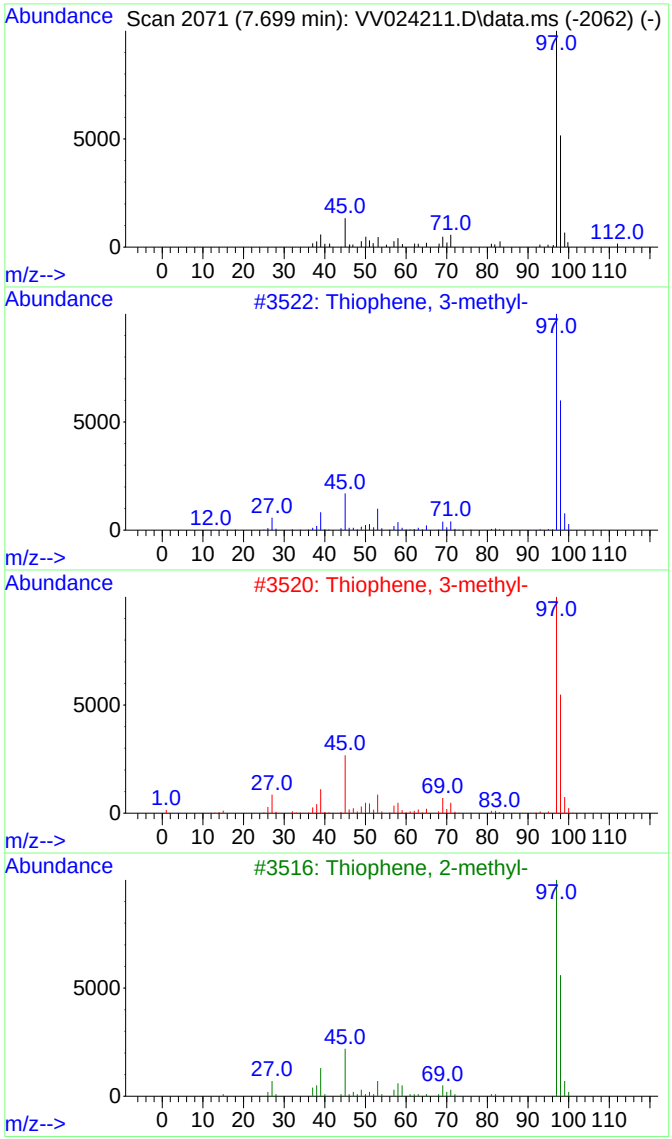
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

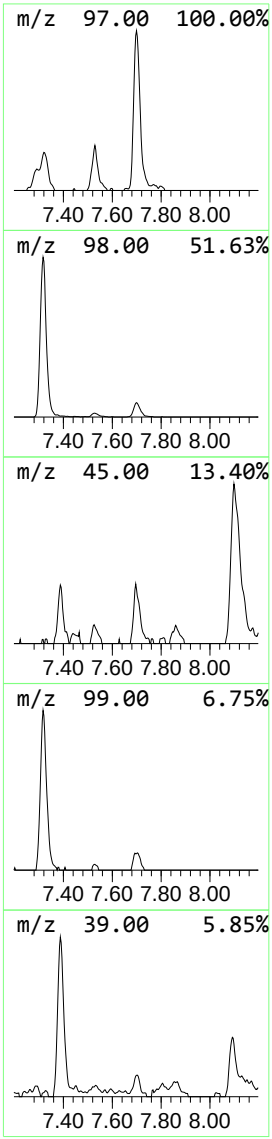
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Thiophene, 3-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.699	0.87 ug/L	42795	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	94
2	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
3	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
4	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
5	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

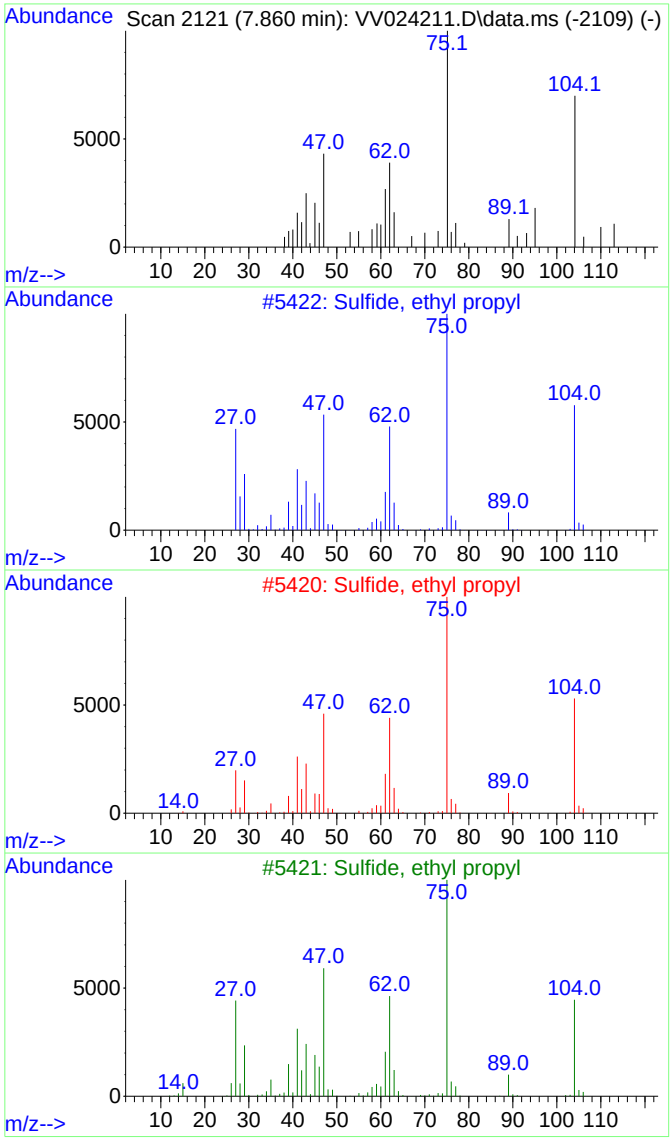
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

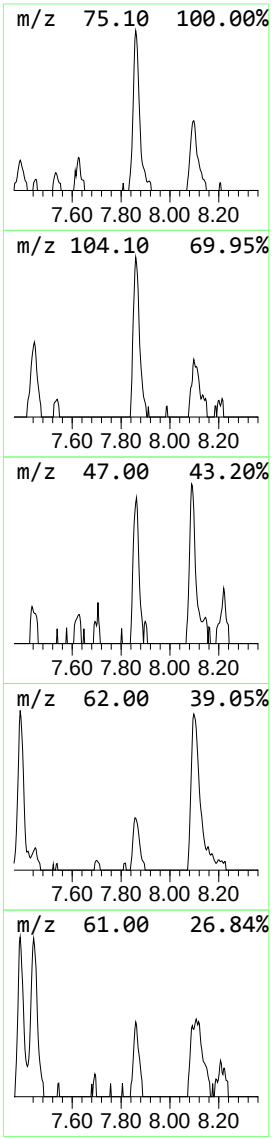
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Sulfide, ethyl propyl Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.860	0.65 ug/L	31591	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	87
2	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	87
3	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	78
4	Diethyl sulfide	90	C4H10S	000352-93-2	40
5	Ethanol, 2-(ethylthio)-	106	C4H10OS	000110-77-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

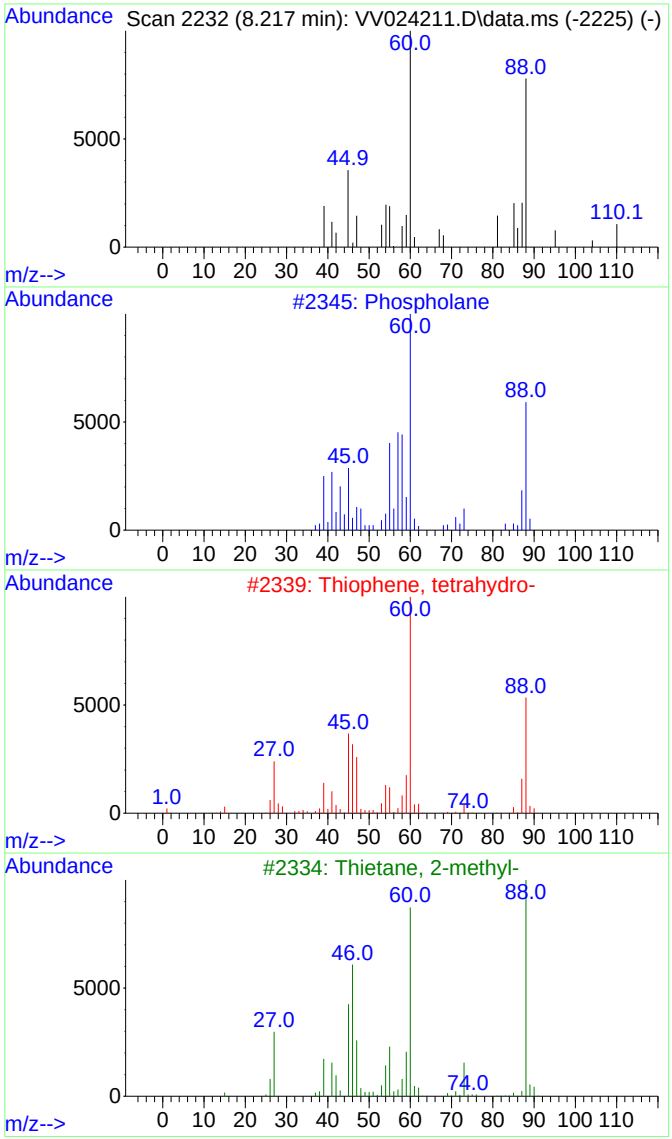
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

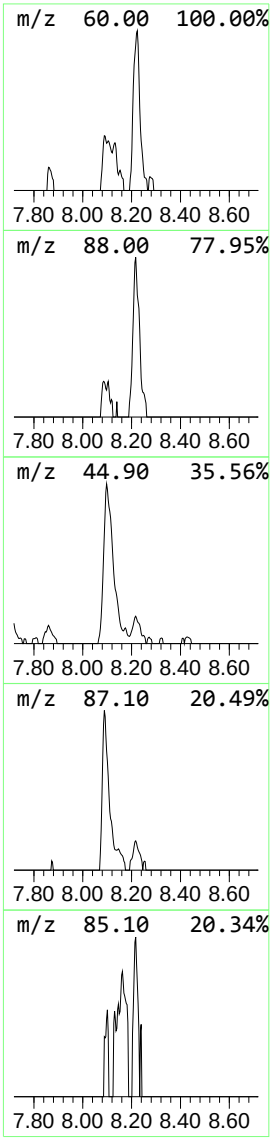
****

Peak Number 26 Phospholane Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.217	0.51 ug/L	24739	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phospholane	88	C4H9P	003466-00-0	72
2	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	50
3	Thietane, 2-methyl-	88	C4H8S	017837-41-1	47
4	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	45
5	Serine, methyl ester	119	C4H9NO3	002104-89-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

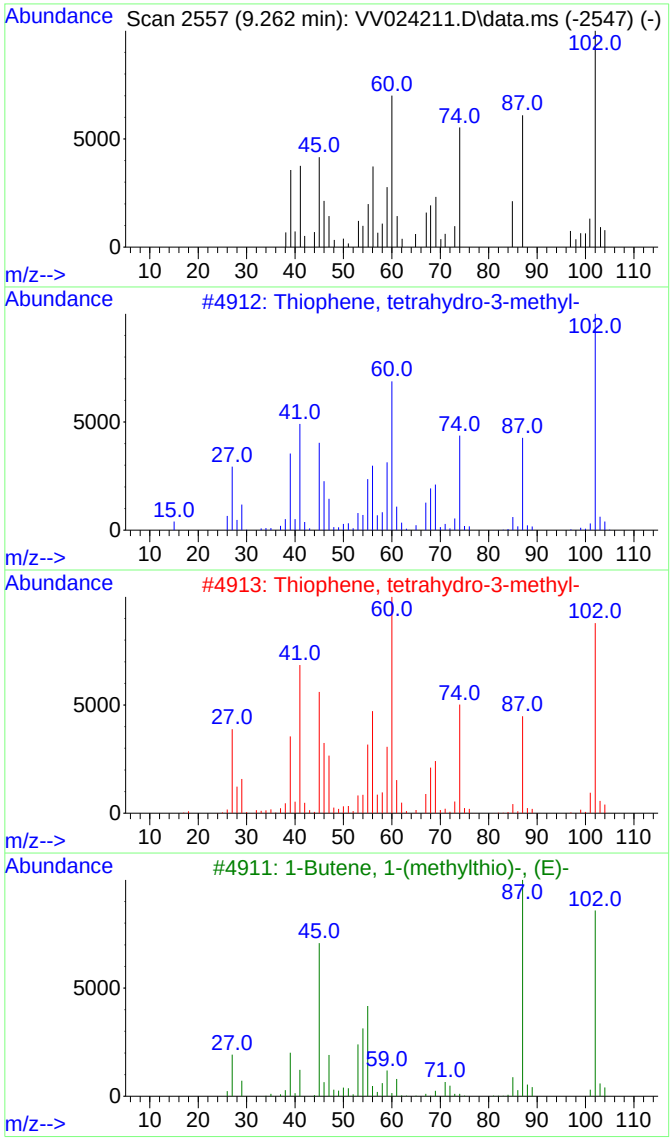
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

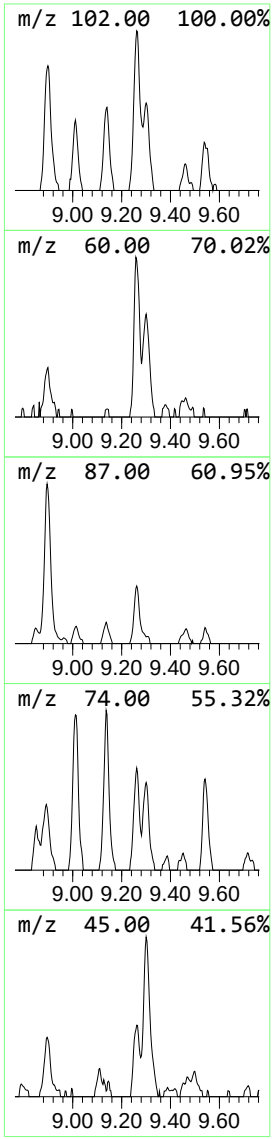
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Thiophene, tetrahydro-3-met... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.262	0.80 ug/L	39056	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	95
2	Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	93
3	1-Butene, 1-(methylthio)-, (E)-	102	C5H10S	017414-27-6	47
4	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	47
5	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

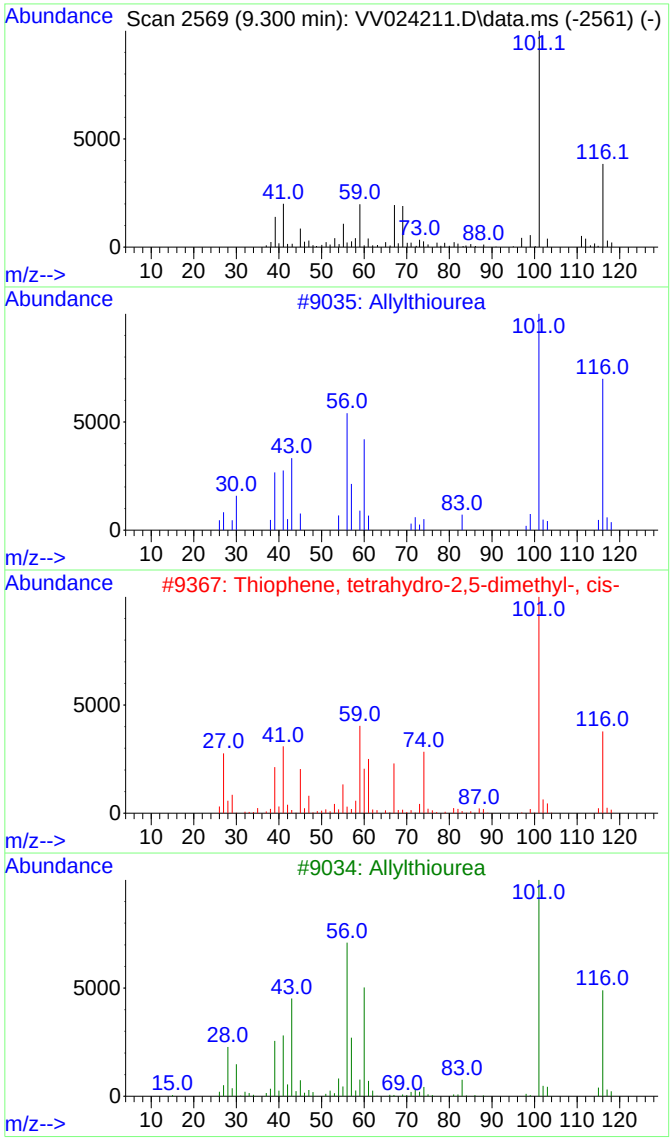
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

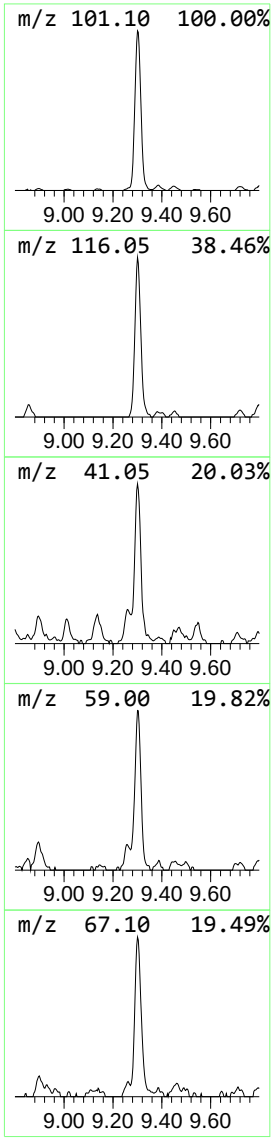
****

Peak Number 28 Allylthiourea Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.300	4.21 ug/L	205925	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allylthiourea	116	C4H8N2S	000109-57-9	50
2	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	50
3	Allylthiourea	116	C4H8N2S	000109-57-9	40
4	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	39
5	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

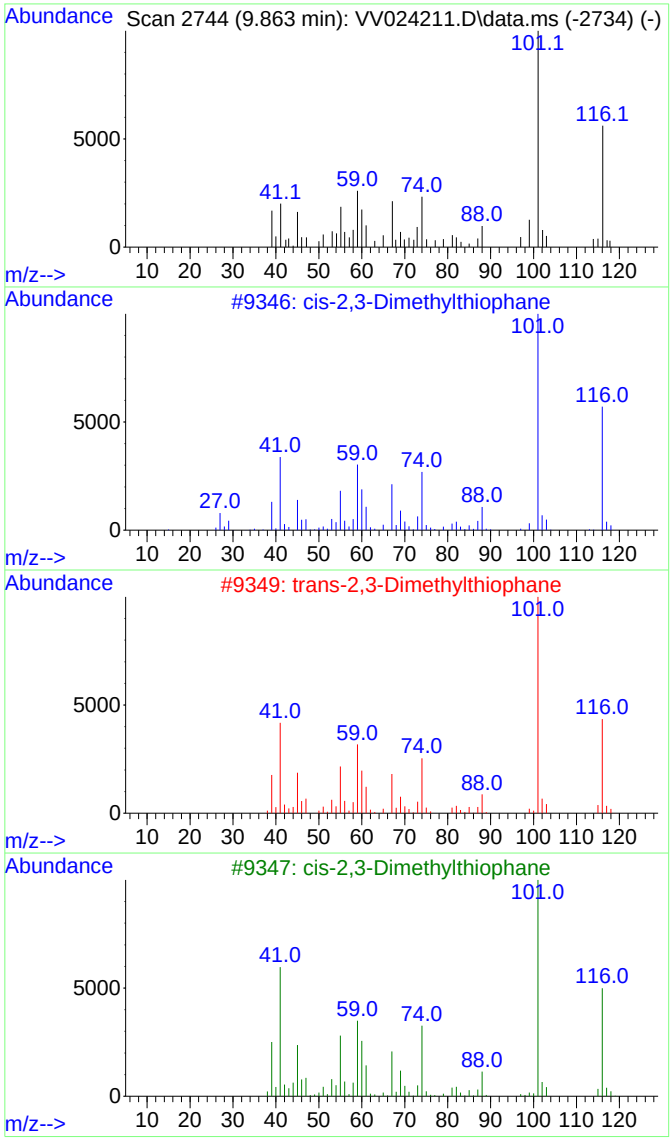
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

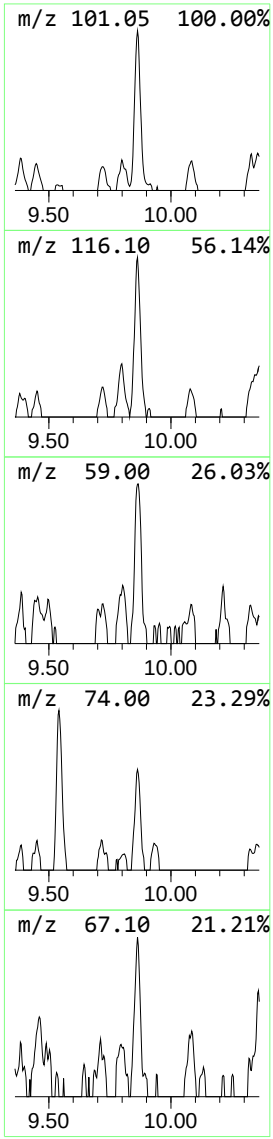
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 cis-2,3-Dimethylthiophane Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.863	0.76 ug/L	37232	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	98
2	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	95
3	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	93
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	74
5	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

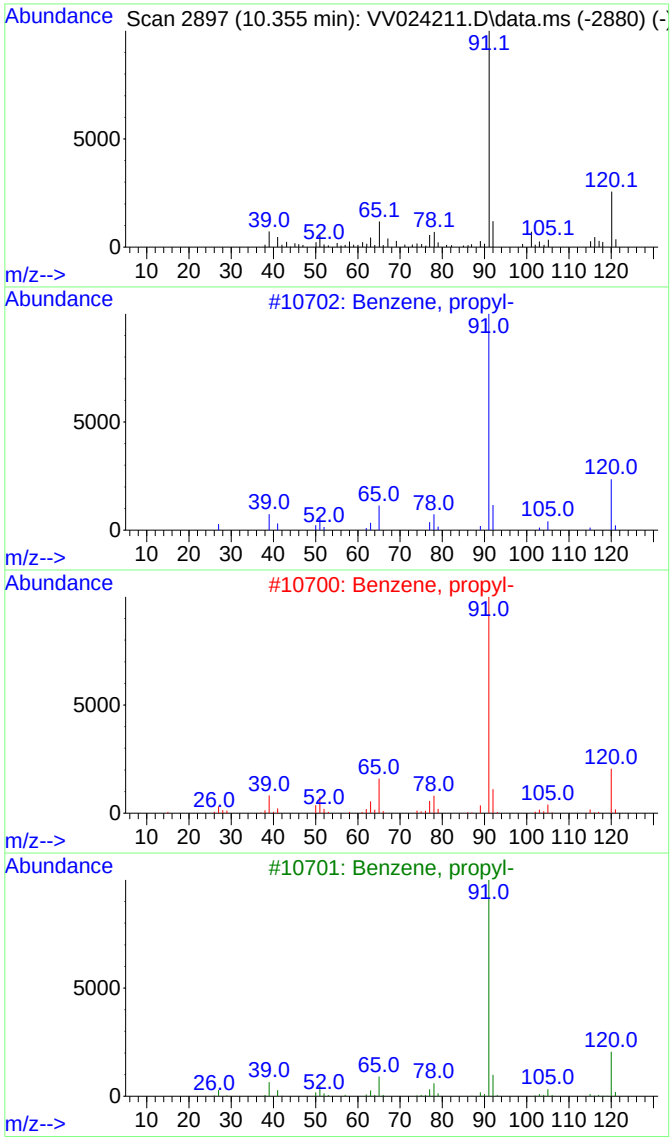
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

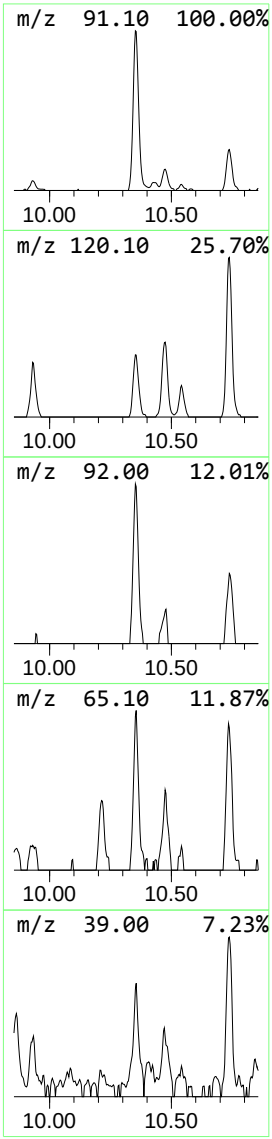
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, propyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.355	1.27 ug/L	76942	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	76
2	Benzene, propyl-	120	C9H12	000103-65-1	76
3	Benzene, propyl-	120	C9H12	000103-65-1	76
4	Benzene, propyl-	120	C9H12	000103-65-1	68
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

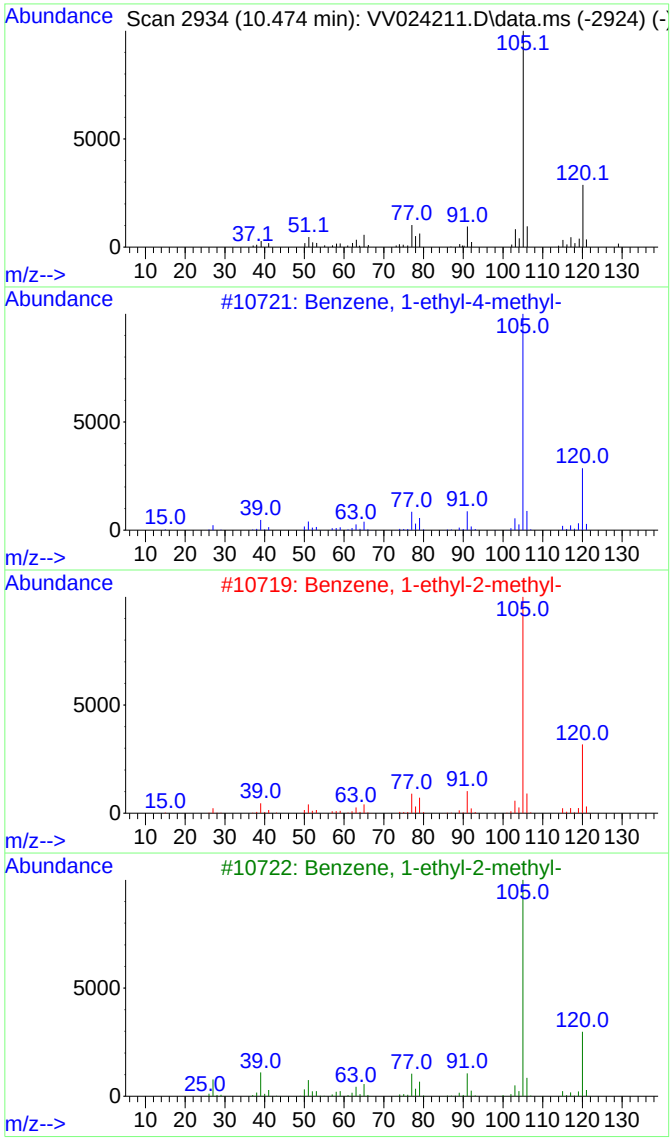
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

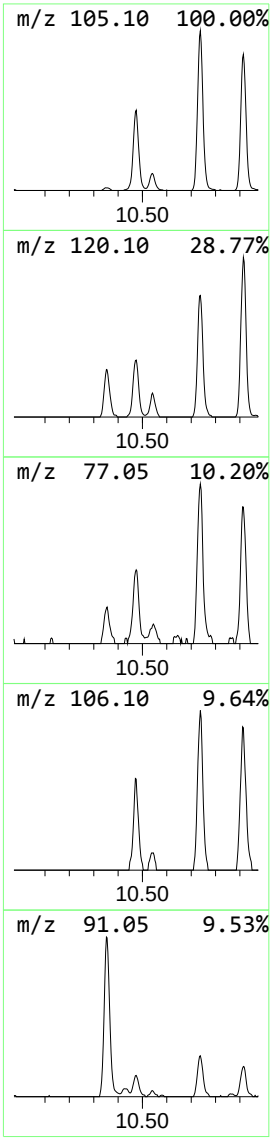
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 1-ethyl-4-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.474	1.04 ug/L	62558	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

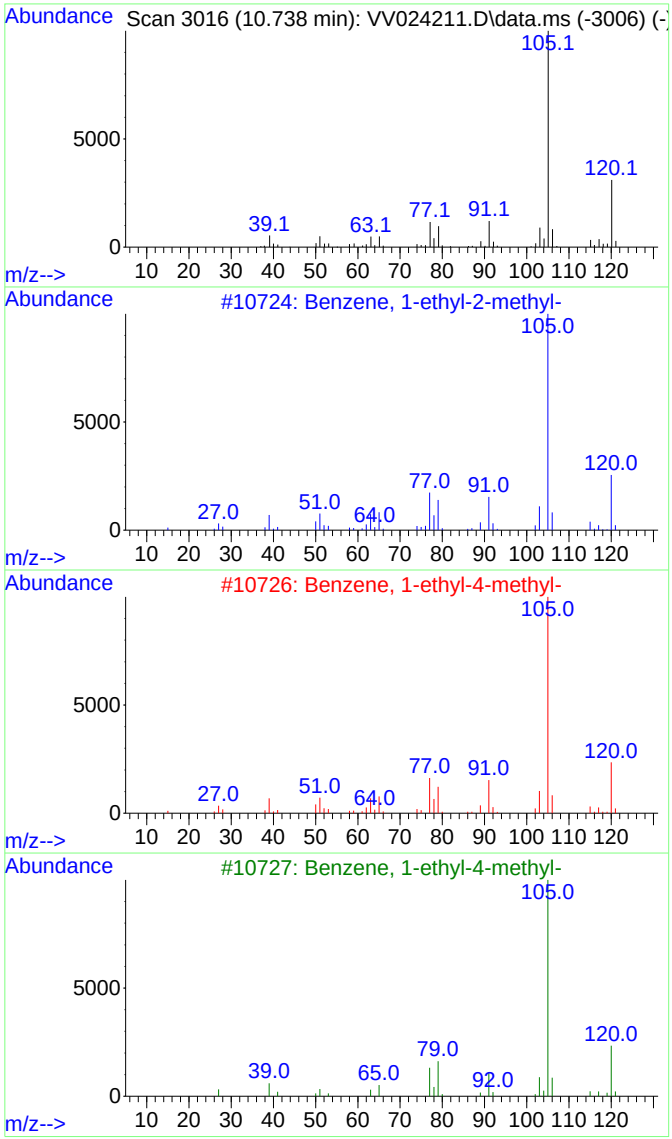
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

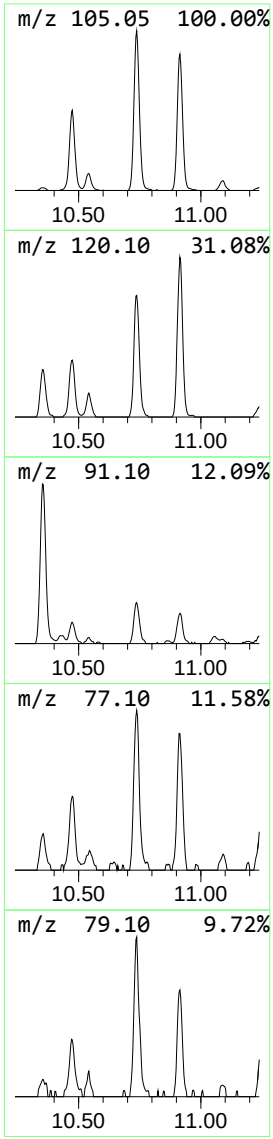
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.738	2.12 ug/L	127892	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-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

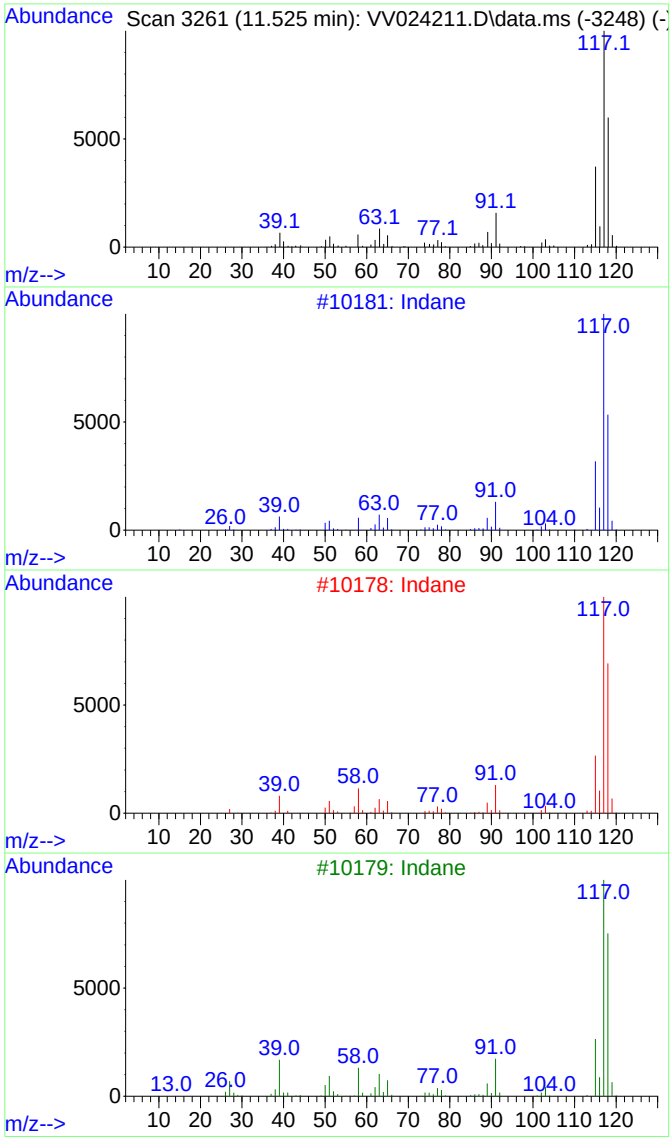
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

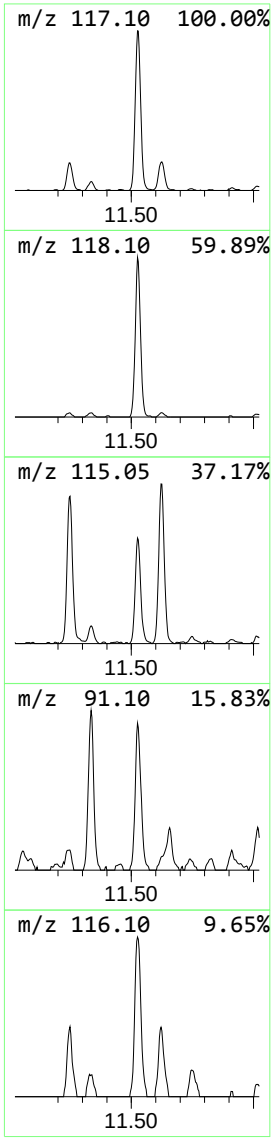
****

Peak Number 34 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.525	2.94 ug/L	177596	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	94
3	Indane	118	C9H10	000496-11-7	91
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

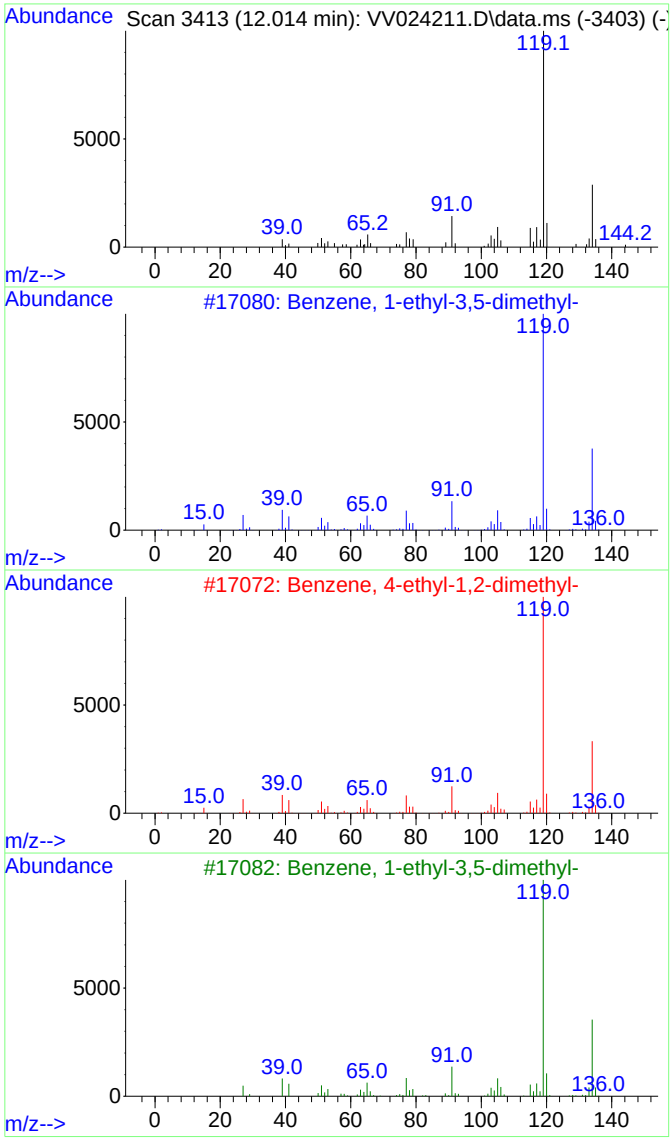
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

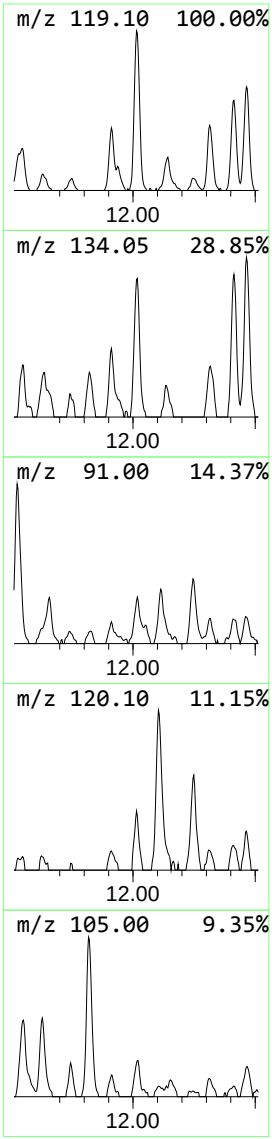
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.014	0.69 ug/L	41546	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

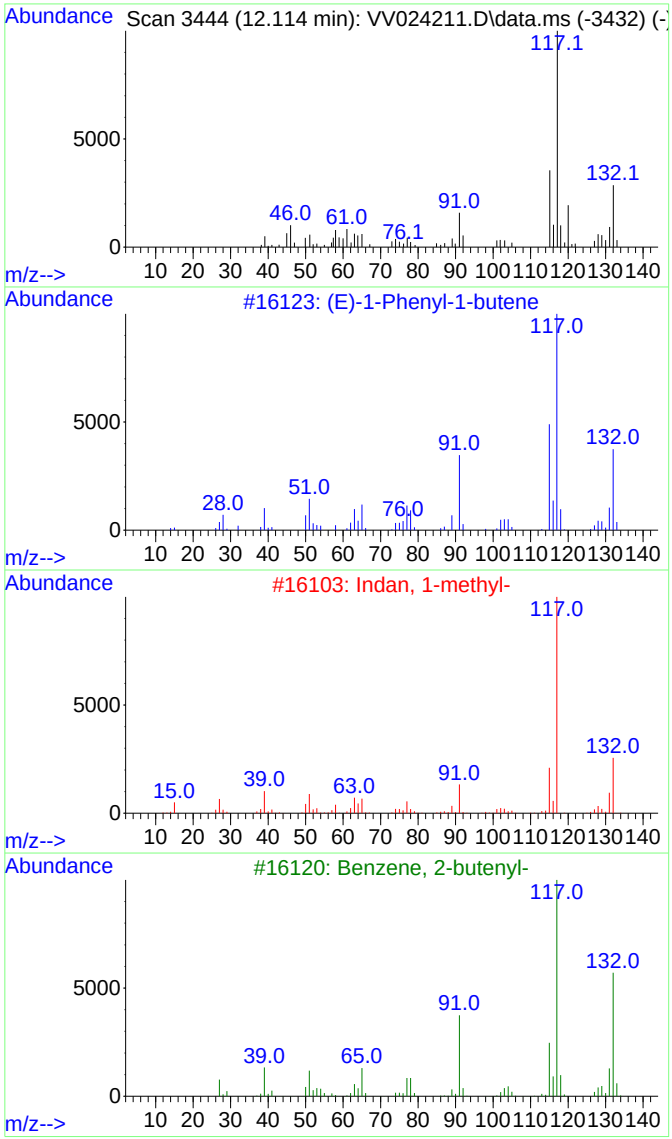
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

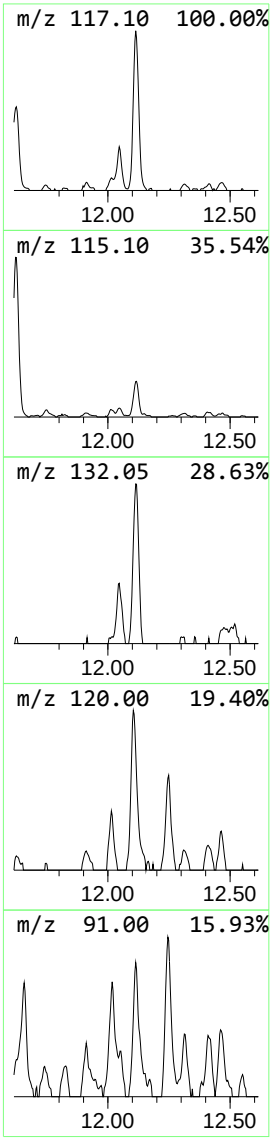
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (E)-1-Phenyl-1-butene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.114	1.41 ug/L	84825	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	81
2	Indan, 1-methyl-	132	C10H12	000767-58-8	76
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	74
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

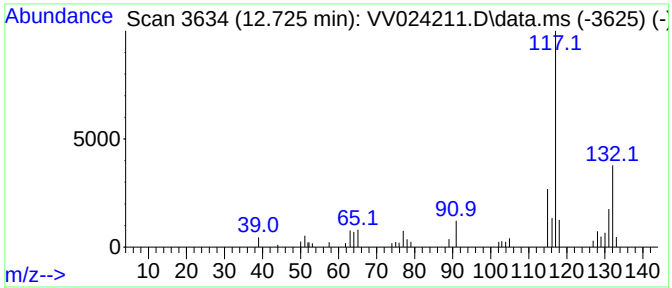
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

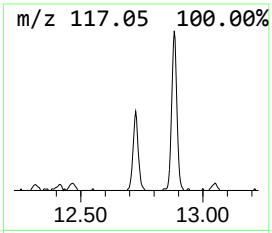
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

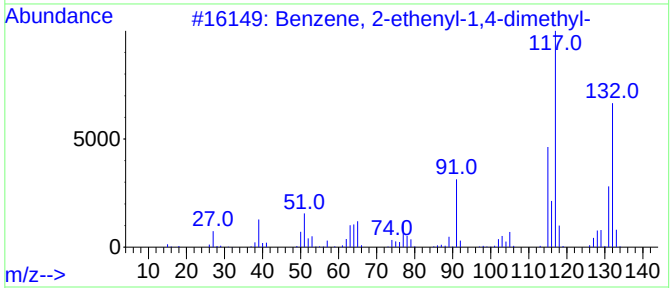
****
Peak Number 37 Benzene, (2-methyl-2-propen... Concentration Rank 39

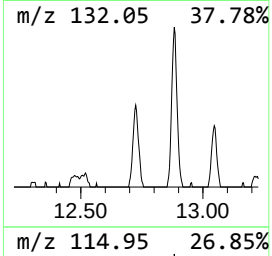
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.725	0.50 ug/L	30215	1,4-Dichlorobenzene-d4	11.249

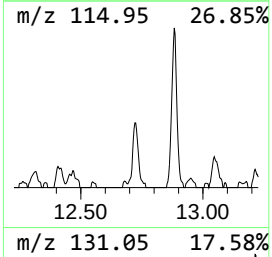
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91

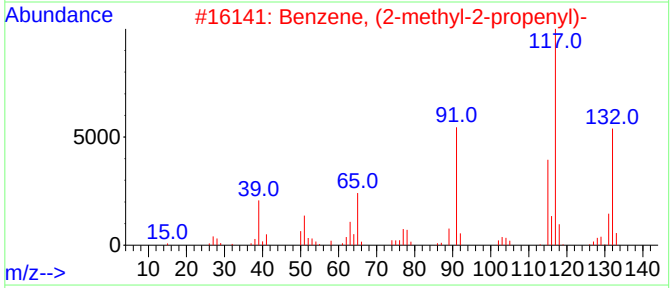


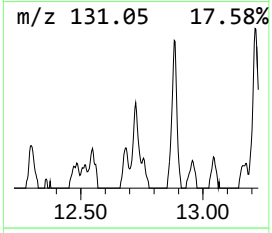


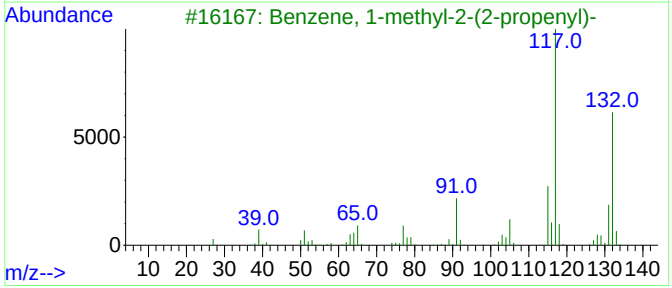


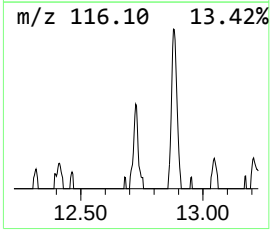












Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

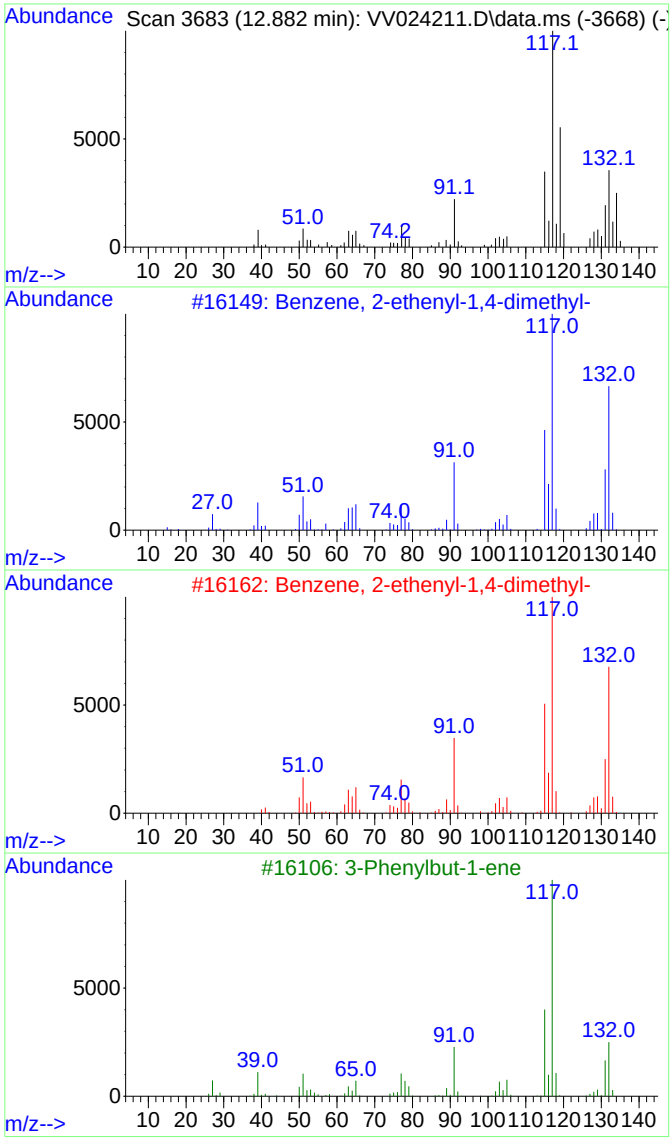
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

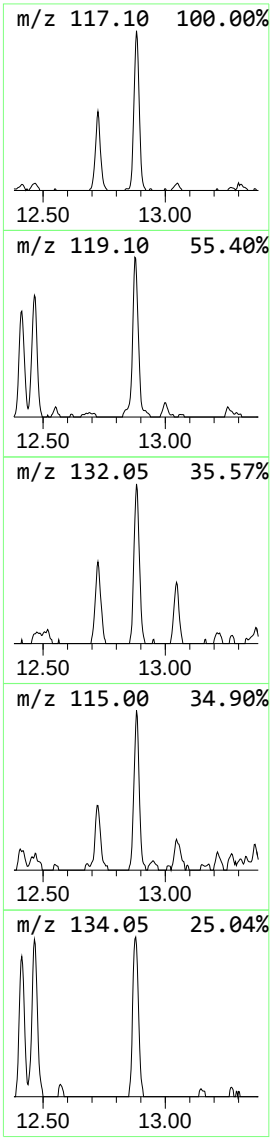
****

Peak Number 38 3-Phenylbut-1-ene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.882	1.62 ug/L	97889	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	90
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

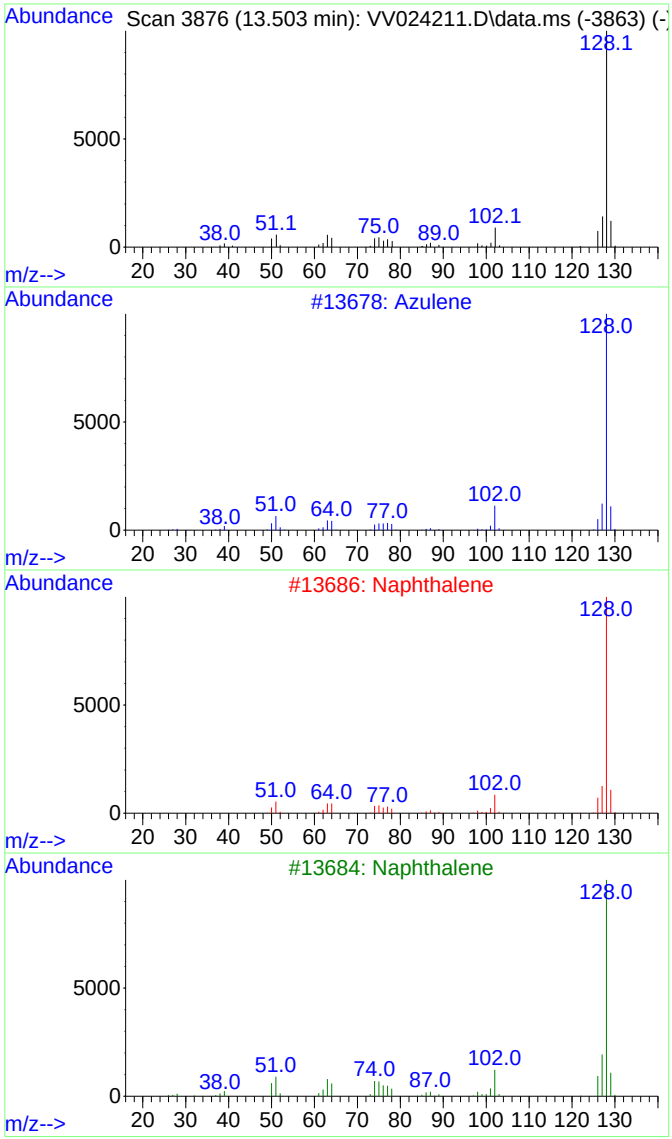
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

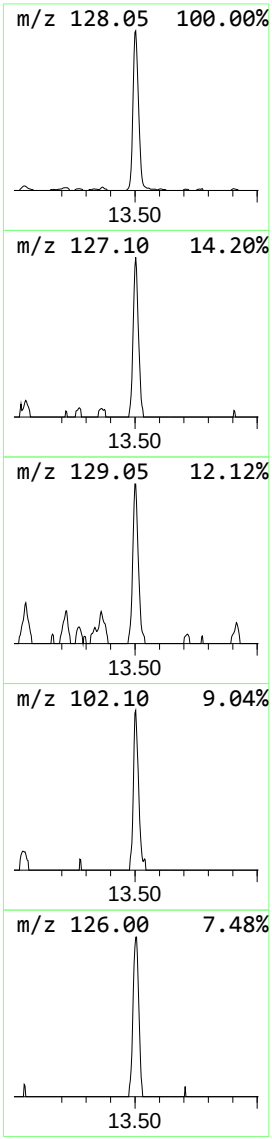
****

Peak Number 39 Azulene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	1.10 ug/L	66356	1,4-Dichlorobenzene-d4	11.249

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122821\
Data File : VV024211.D
Acq On : 28 Dec 2021 12:25
Operator : SY/MD
Sample : M5233-11DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCC9DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.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
1-Propyne, 3-ch...	1.108	1.9	ug/L	79457	1	5.619	212178	5.0
(DEL) Alkane: S...	1.214	4.5	ug/L	191268	1	5.619	212178	5.0
(DEL) Alkane: S...	1.355	6.3	ug/L	265943	1	5.619	212178	5.0
(DEL) Alkane: S...	1.416	4.4	ug/L	188372	1	5.619	212178	5.0
(DEL) Alkane: S...	1.818	2.8	ug/L	119635	1	5.619	212178	5.0
(DEL) Alkane: S...	1.902	2.0	ug/L	83219	1	5.619	212178	5.0
(DEL) Alkane: S...	1.982	0.7	ug/L	28541	1	5.619	212178	5.0
(DEL) Alkane: C...	2.024	9.1	ug/L	386939	1	5.619	212178	5.0
Cyclopentene	2.478	4.0	ug/L	168410	1	5.619	212178	5.0
(DEL) Alkane: C...	2.577	1.8	ug/L	76434	1	5.619	212178	5.0
(DEL) Alkane: S...	3.275	1.5	ug/L	62997	1	5.619	212178	5.0
(DEL) Alkane: S...	3.365	0.6	ug/L	23286	1	5.619	212178	5.0
Cyclopentene, 3...	3.432	0.6	ug/L	27239	1	5.619	212178	5.0
(DEL) Alkane: S...	3.580	0.8	ug/L	32667	1	5.619	212178	5.0
(DEL) Alkane: C...	3.764	0.9	ug/L	36802	1	5.619	212178	5.0
3-Penten-2-one	3.831	1.2	ug/L	51246	1	5.619	212178	5.0
Cyclopentene, 1...	4.458	1.8	ug/L	75451	1	5.619	212178	5.0
Cyclobutane, et...	5.220	2.5	ug/L	104505	1	5.619	212178	5.0
Thiophene	5.365	0.8	ug/L	32580	1	5.619	212178	5.0
Diethyl sulfide	5.944	2.4	ug/L	100146	1	5.619	212178	5.0
2,4-Hexadiene, ...	6.802	0.7	ug/L	30762	1	5.619	212178	5.0
Cyclohexene, 3-...	7.169	0.9	ug/L	38969	1	5.619	212178	5.0
Thiophene, 3-me...	7.699	0.9	ug/L	42795	2	8.853	244564	5.0
Sulfide, ethyl ...	7.860	0.7	ug/L	31591	2	8.853	244564	5.0
Phospholane	8.217	0.5	ug/L	24739	2	8.853	244564	5.0
Thiophene, tetr...	9.262	0.8	ug/L	39056	2	8.853	244564	5.0
Allylthiourea	9.300	4.2	ug/L	205925	2	8.853	244564	5.0
cis-2,3-Dimethy...	9.863	0.8	ug/L	37232	2	8.853	244564	5.0
Benzene, propyl-	10.355	1.3	ug/L	76942	3	11.249	301803	5.0
Benzene, 1-ethy...	10.474	1.0	ug/L	62558	3	11.249	301803	5.0
Benzene, 1-ethy...	10.738	2.1	ug/L	127892	3	11.249	301803	5.0
Indane	11.525	2.9	ug/L	177596	3	11.249	301803	5.0
Benzene, 1-ethy...	12.014	0.7	ug/L	41546	3	11.249	301803	5.0
(E)-1-Phenyl-1-...	12.114	1.4	ug/L	84825	3	11.249	301803	5.0
Benzene, (2-met...	12.725	0.5	ug/L	30215	3	11.249	301803	5.0
3-Phenylbut-1-ene	12.882	1.6	ug/L	97889	3	11.249	301803	5.0
Azulene	13.503	1.1	ug/L	66356	3	11.249	301803	5.0