LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

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_U\Method\SFAMUTR122022WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU052573.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.600	73	81	92	rVB	87238	99053	5.64%	0.351%
2	1.916	170	179	191	rBV	80718	107983	6.14%	0.382%
3	1.996	195	204	217	rVB	127366	174012	9.90%	0.616%
4	2.205	259	269	283	rVB	155992	221960	12.63%	0.786%
5	2.568	370	382	402	rVB	139922	238265	13.56%	0.844%
6	3.047	516	531	534	rBV	99093	176418	10.04%	0.625%
7	3.083	535	542	554	rVB	213026	405150	23.05%	1.434%
8	3.362	608	629	651	rVB	148499	337430	19.20%	1.195%
9	3.697	716	733	760	rBV	257496	574185	32.67%	2.033%
10	4.433	944	962	975	rBV4	18878	47531	2.70%	0.168%
11	4.530	975	992	1011	rVV	254249	615350	35.02%	2.179%
12	4.642	1011	1027	1070	rVB2	139889	503418	28.65%	1.782%
13	5.060	1141	1157	1175	rBV	139610	319286	18.17%	1.130%
14	5.378	1238	1256	1271	rBV5	288855	800947	45.58%	2.836%
15	5.456	1271	1280	1301	rVB3	84170	217741	12.39%	0.771%
16	5.591	1305	1322	1332	rBV	228257	512616	29.17%	1.815%
17	5.722	1346	1363	1380	rVB2	292690	746682	42.49%	2.644%
18	5.845	1388	1401	1412	rBV3	189415	407770	23.20%	1.444%
19	5.919	1412	1424	1434	rVV3	165664	384682	21.89%	1.362%
20	5.986	1434	1445	1472	rVB2	257525	571657	32.53%	2.024%
21	6.131	1475	1490	1503	rBV	373063	705861	40.17%	2.499%
22	6.243	1513	1525	1535	rBV	257250	492514	28.03%	1.744%
23	6.562	1605	1624	1648	rBV7	24694	74257	4.23%	0.263%
24	6.687	1648	1663	1670	rBV	197289	381082	21.68%	1.349%
25	6.758	1671	1685	1709	rVV	722212	1757369	100.00%	6.222%
26	6.864	1709	1718	1730	rVB2	43949	82474	4.69%	0.292%
27	6.976	1741	1753	1766	rVB	116116	213538	12.15%	0.756%
28	7.070	1766	1782	1796	rVB	126648	250853	14.27%	0.888%
29	7.230	1822	1832	1853	rVB3	154155	341450	19.43%	1.209%
30	7.394	1869	1883	1887	rBV2	46613	91818	5.22%	0.325%
31	7.494	1904	1914	1922	rBV	144129	231577	13.18%	0.820%
32	7.562	1922	1935	1955	rVB3	89399	256980	14.62%	0.910%
33	7.655	1956	1964	1972	rBV2	95883	146119	8.31%	0.517%
34	7.758	1984	1996	2011	rVB6	74714	163302	9.29%	0.578%
35	7.851	2011	2025	2031	rBV2	318217	584386	33.25%	2.069%
36	7.893	2031	2038	2051	rVB	434889	765204	43.54%	2.709%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

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_U\Method\SFAMUTR122022WMA.M
Title : TRACE VOA SFAM1.0

37	8.021	2067	2078	2086	rBV4	84420	202189	11.51%	0.716%
38	8.092	2095	2100	2104	rBV2	54823	75669	4.31%	0.268%
39	8.127	2104	2111	2120	rVV	215938	324037	18.44%	1.147%
40	8.176	2121	2126	2134	rVB	58945	82924	4.72%	0.294%
41	8.240	2134	2146	2162	rVB4	227253	457657	26.04%	1.620%
42	8.365	2171	2185	2192	rBV3	114203	211254	12.02%	0.748%
43	8.407	2193	2198	2211	rVB4	48491	88719	5.05%	0.314%
44	8.632	2248	2268	2283	rBV	684805	1321101	75.17%	4.677%
45	8.800	2311	2320	2330	rVB5	90785	157706	8.97%	0.558%
46	8.861	2330	2339	2349	rBV	211879	329312	18.74%	1.166%
47	8.922	2349	2358	2368	rBV	190919	310489	17.67%	1.099%
48	9.066	2390	2403	2412	rBV4	75256	152596	8.68%	0.540%
49	9.163	2424	2433	2440	rVV4	77550	137571	7.83%	0.487%
50	9.208	2441	2447	2457	rVB2	69467	110495	6.29%	0.391%
51	9.330	2470	2485	2500	rVB	94760	181128	10.31%	0.641%
52	9.414	2500	2511	2521	rBV	348913	576666	32.81%	2.042%
53	9.507	2535	2540	2548	rVB2	35772	50819	2.89%	0.180%
54	9.565	2549	2558	2571	rVB4	70096	125883	7.16%	0.446%
55	9.687	2574	2596	2607	rBV	412828	899879	51.21%	3.186%
56	9.742	2608	2613	2641	rVB3	165540	348105	19.81%	1.232%
57	9.880	2643	2656	2670	rBV6	31342	71019	4.04%	0.251%
58	10.028	2687	2702	2712	rBV5	84091	202272	11.51%	0.716%
59	10.121	2722	2731	2752	rVB10	24691	74317	4.23%	0.263%
60	10.266	2755	2776	2793	rBV5	97674	291831	16.61%	1.033%
61	10.356	2794	2804	2825	rVB6	95484	259420	14.76%	0.918%
62	10.478	2833	2842	2850	rBV	41873	68676	3.91%	0.243%
63	10.751	2917	2927	2937	rBV	177394	292716	16.66%	1.036%
64	10.806	2937	2944	2957	rVB7	45219	76880	4.37%	0.272%
65	10.899	2963	2973	2982	rBV	74641	121030	6.89%	0.429%
66	10.992	2992	3002	3008	rBV	244379	409724	23.31%	1.451%
67	11.082	3023	3030	3036	rBV	103518	148943	8.48%	0.527%
68	11.288	3084	3094	3111	rVB	107041	193249	11.00%	0.684%
69	11.462	3138	3148	3174	rVB	438838	707990	40.29%	2.507%
70	11.806	3243	3255	3269	rBV	391568	644962	36.70%	2.284%
71	11.889	3270	3281	3294	rVB	147535	236691	13.47%	0.838%
72	12.092	3333	3344	3349	rBV2	93521	154253	8.78%	0.546%
73	12.185	3362	3373	3390	rVB3	519084	921559	52.44%	3.263%
74	12.320	3400	3415	3423	rVB2	45030	81699	4.65%	0.289%
75	12.372	3424	3431	3447	rVB	46640	83830	4.77%	0.297%
76	12.462	3449	3459	3463	rBV	67455	102079	5.81%	0.361%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GBQB7DL

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_U\Method\SFAMUTR122022WMA.M
Title : TRACE VOA SFAM1.0

77	12.491	3464	3468	3478	rVV2	52503	69925	3.98%	0.248%
78	12.568	3482	3492	3499	rVV	143447	211052	12.01%	0.747%
79	12.677	3514	3526	3546	rBV3	119382	263843	15.01%	0.934%
80	12.870	3580	3586	3596	rVB3	29704	49736	2.83%	0.176%
81	12.967	3609	3616	3624	rVB2	83490	117070	6.66%	0.414%
82	13.021	3624	3633	3649	rVB	123414	218650	12.44%	0.774%
83	13.105	3649	3659	3664	rBV3	43994	78584	4.47%	0.278%
84	13.285	3708	3715	3728	rVV3	75810	118483	6.74%	0.419%
85	13.449	3743	3766	3780	rBV5	183375	438017	24.92%	1.551%
86	13.619	3813	3819	3842	rVB7	39211	94021	5.35%	0.333%
87	13.729	3843	3853	3860	rBV4	37035	63217	3.60%	0.224%
88	13.777	3860	3868	3876	rBV2	66423	106304	6.05%	0.376%
89	13.831	3876	3885	3899	rBV5	75454	154568	8.80%	0.547%
90	13.938	3911	3918	3936	rVB2	84088	170037	9.68%	0.602%
91	14.185	3989	3995	4009	rVB10	26389	56923	3.24%	0.202%
92	14.282	4009	4025	4037	rBV7	39234	99183	5.64%	0.351%
93	14.481	4078	4087	4097	rBV2	42733	65399	3.72%	0.232%
94	14.661	4133	4143	4156	rBV4	54741	117339	6.68%	0.415%
95	14.873	4201	4209	4219	rVB4	43720	71720	4.08%	0.254%
96	15.015	4244	4253	4265	rBV6	22011	46570	2.65%	0.165%
97	15.217	4301	4316	4326	rBV	65382	135624	7.72%	0.480%
98	15.407	4366	4375	4384	rBV3	41705	72536	4.13%	0.257%
99	16.256	4625	4639	4650	rBV3	37019	64765	3.69%	0.229%
100	16.404	4675	4685	4691	rBV2	44628	72405	4.12%	0.256%

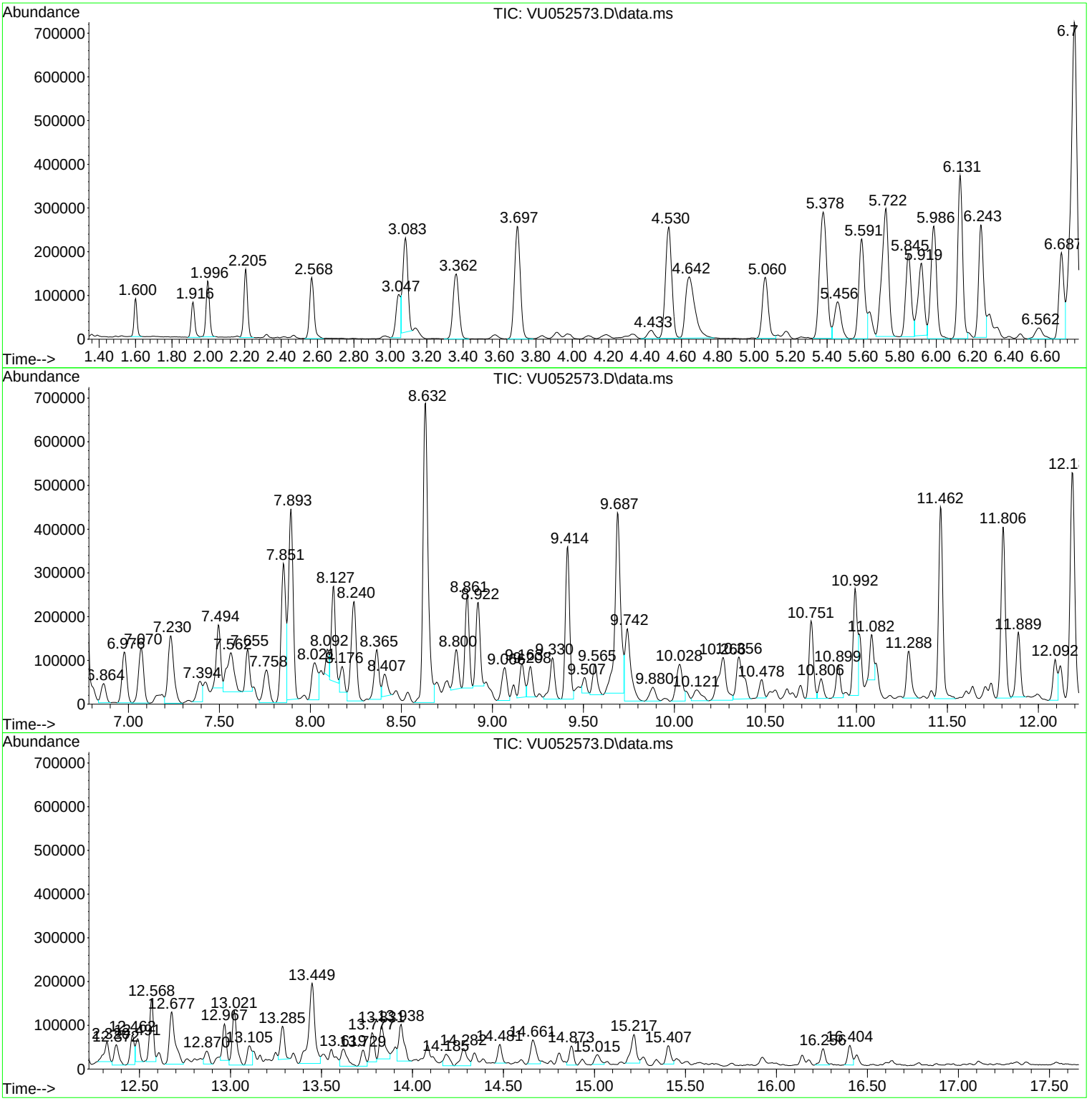
Sum of corrected areas: 28244230

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

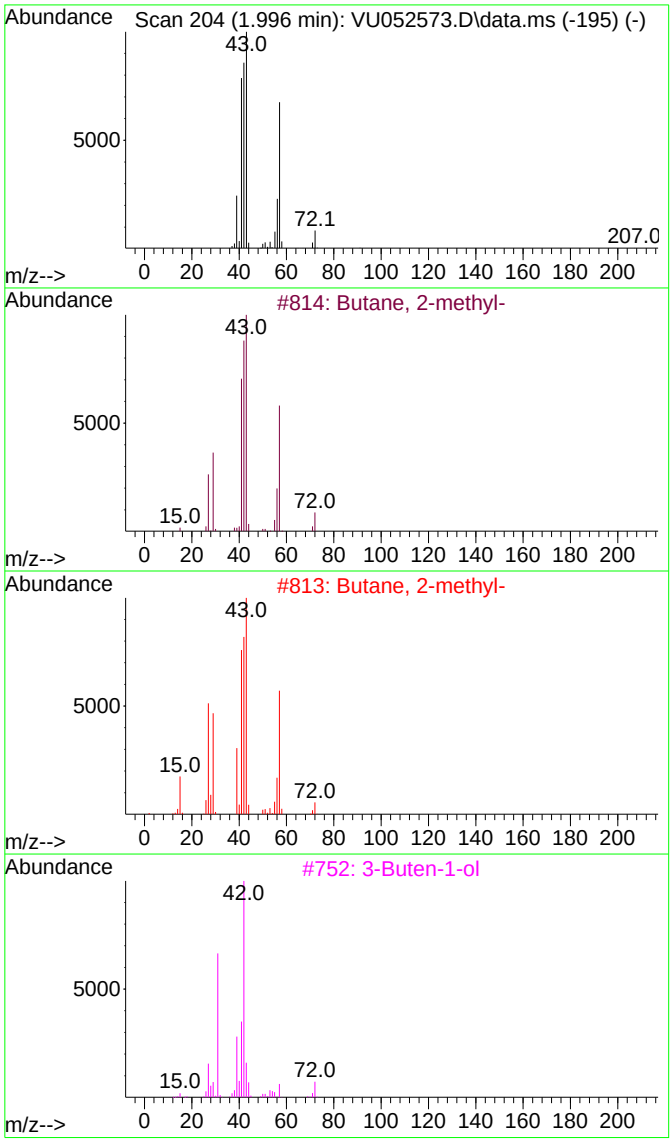
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

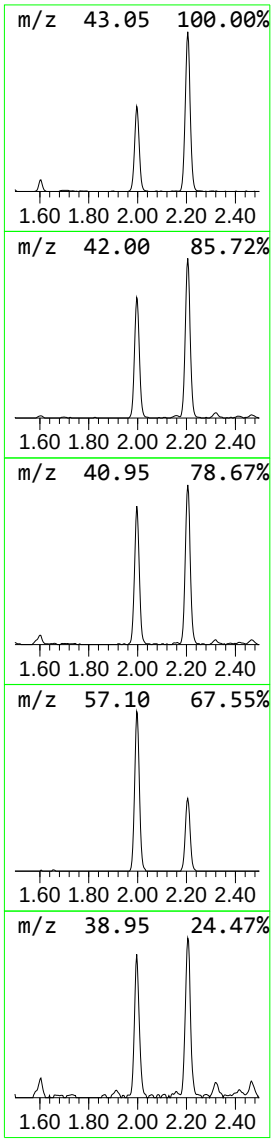
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.996	1.77 ug/L	174012	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	90
3	3-Buten-1-ol	72	C4H8O	000627-27-0	47
4	Pentane	72	C5H12	000109-66-0	39
5	1,1-Diisobutoxy-butane	202	C12H26O2	013002-16-9	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

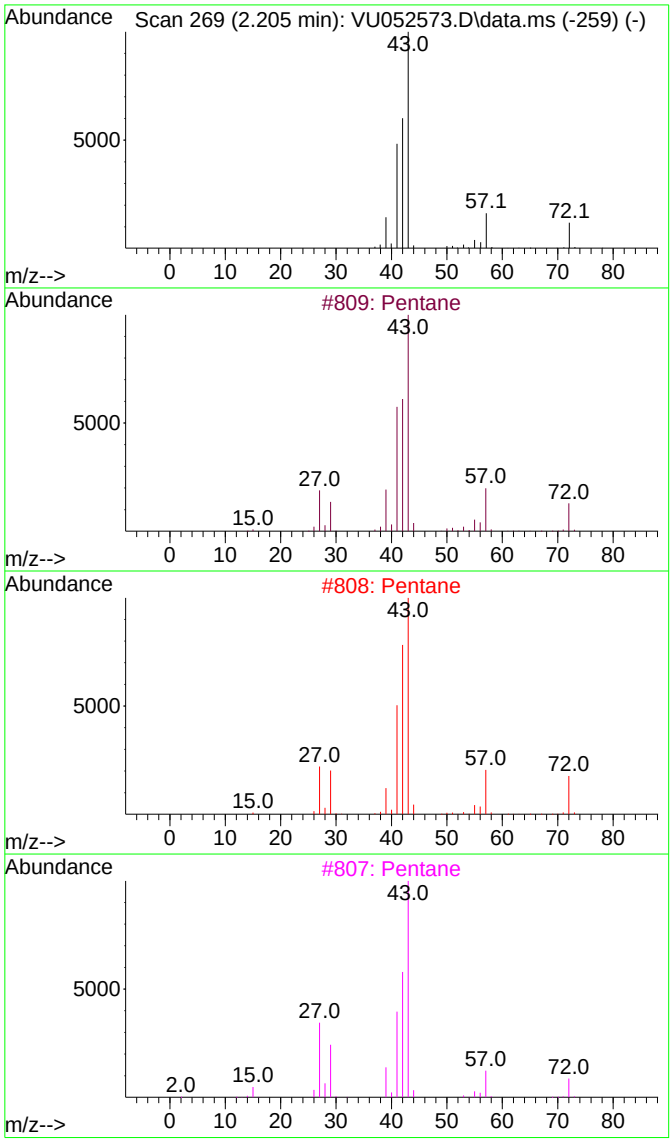
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

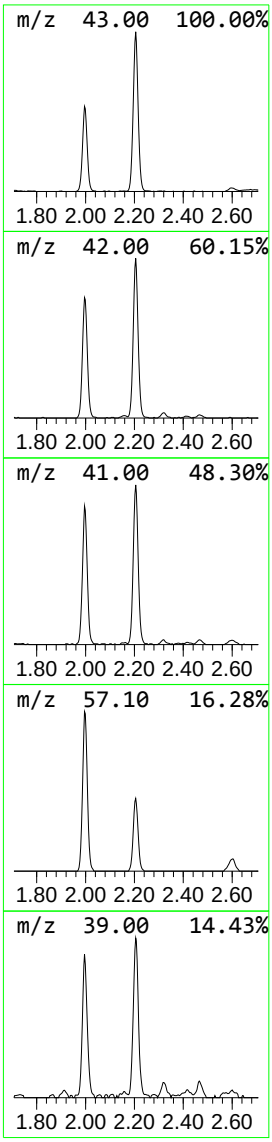
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.205	2.25 ug/L	221960	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	90
3	Pentane	72	C5H12	000109-66-0	90
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

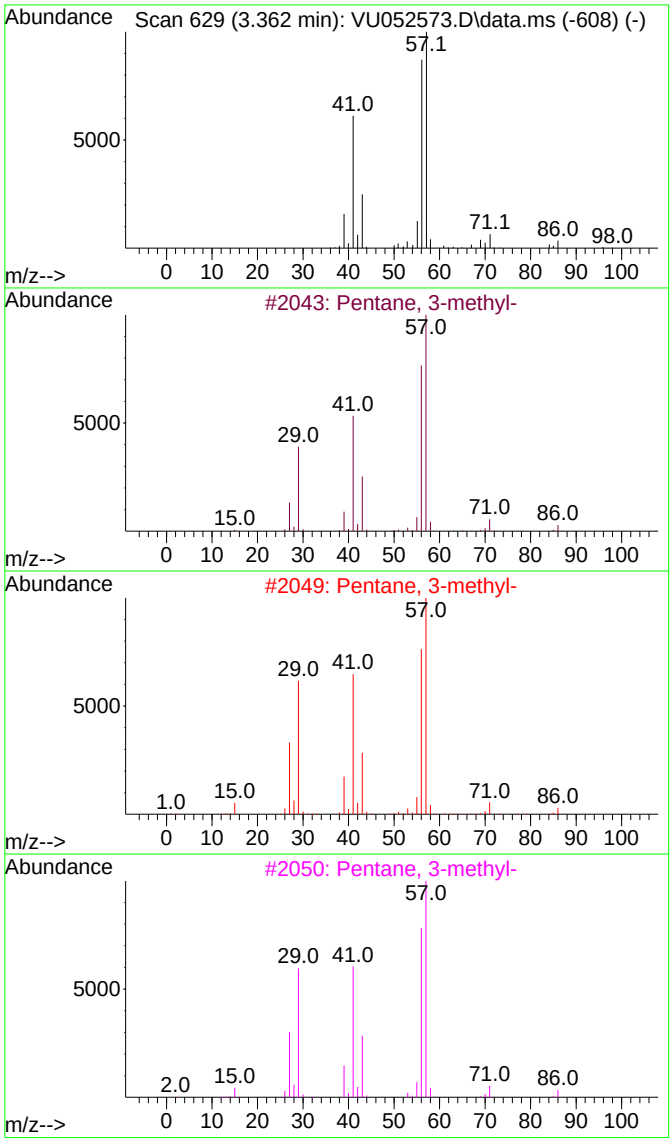
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

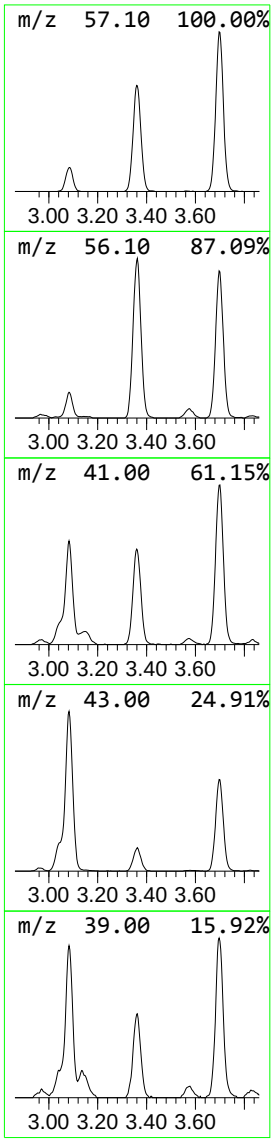
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.362	3.43 ug/L	337430	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

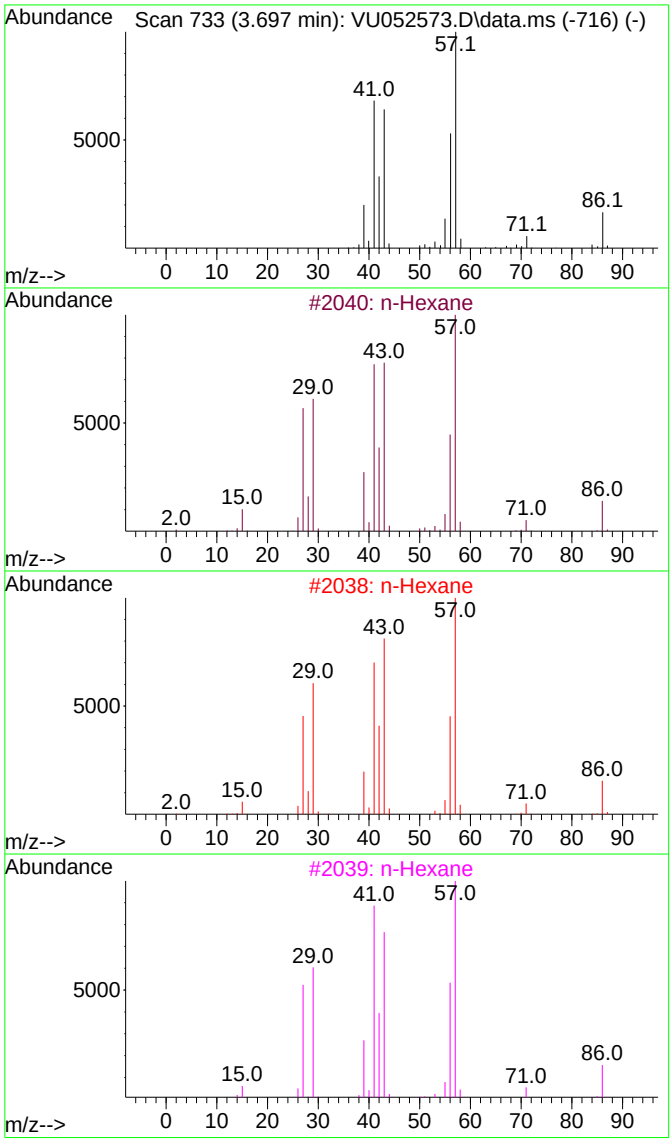
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

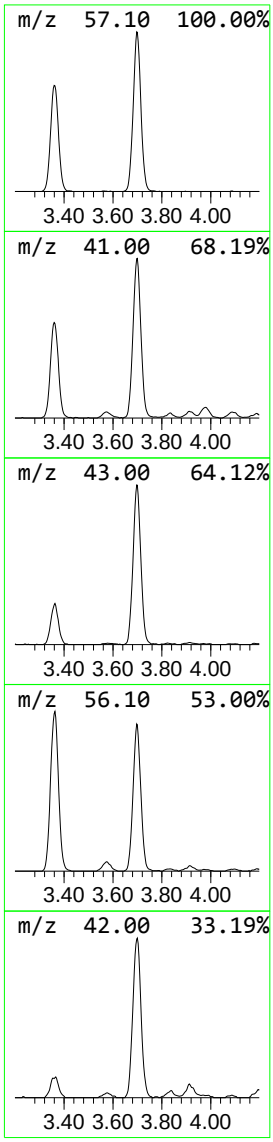
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.697	5.83 ug/L	574185	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	90
3	n-Hexane	86	C6H14	000110-54-3	90
4	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	78
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

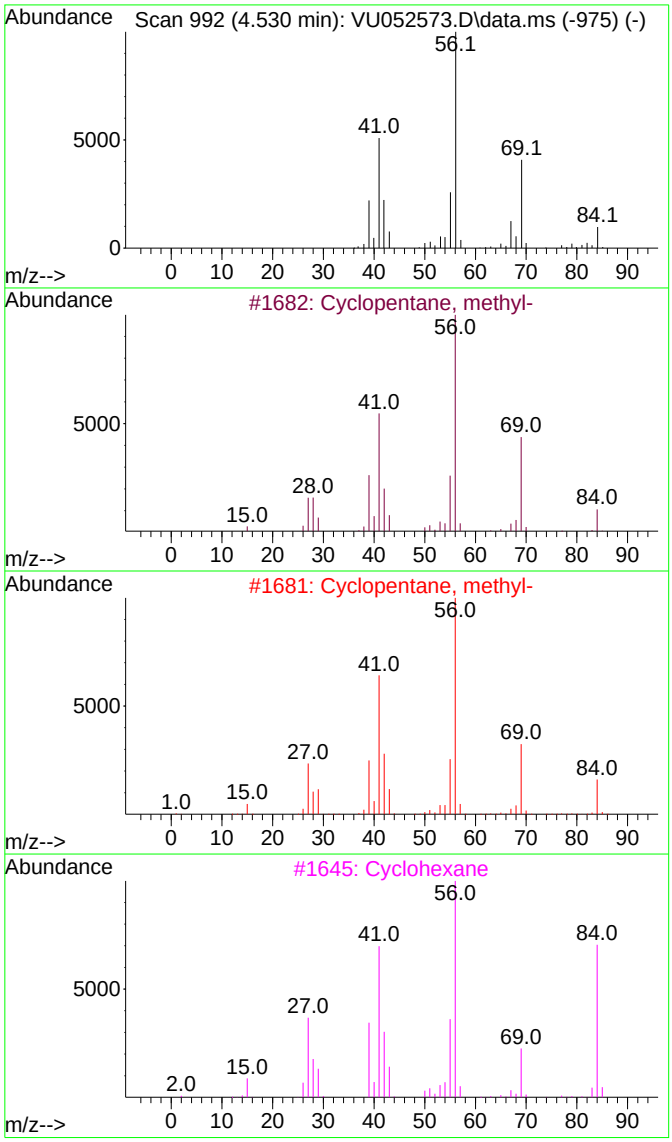
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

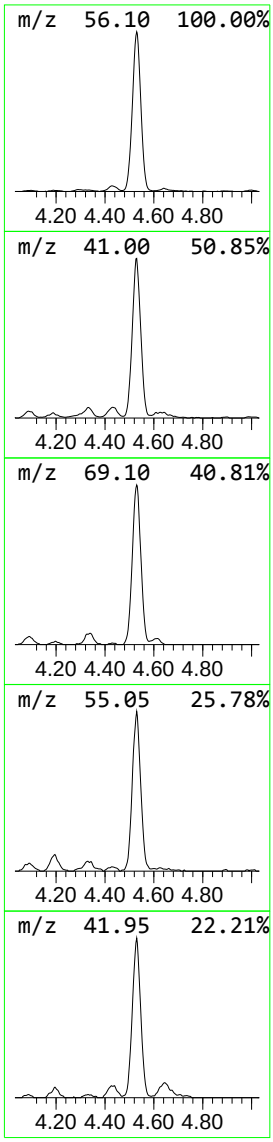
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic4.530 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.530	6.25 ug/L	615350	1,4-Difluorobenzene	6.243

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	87
3	Cyclohexane	84	C6H12	000110-82-7	87
4	Cyclohexane	84	C6H12	000110-82-7	86
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

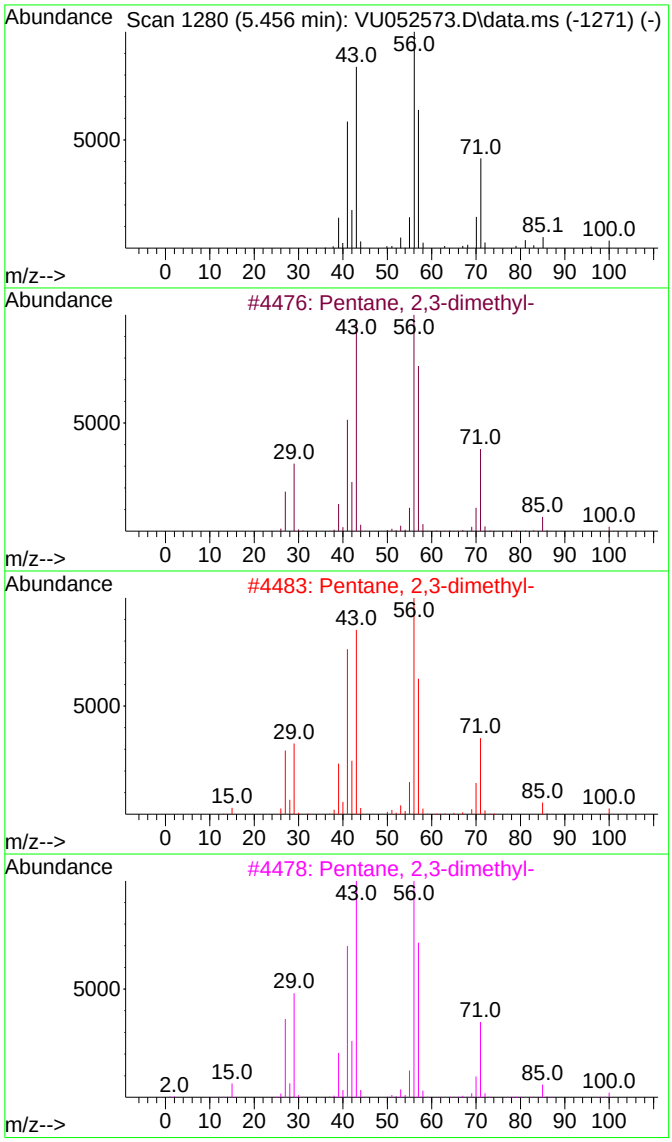
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

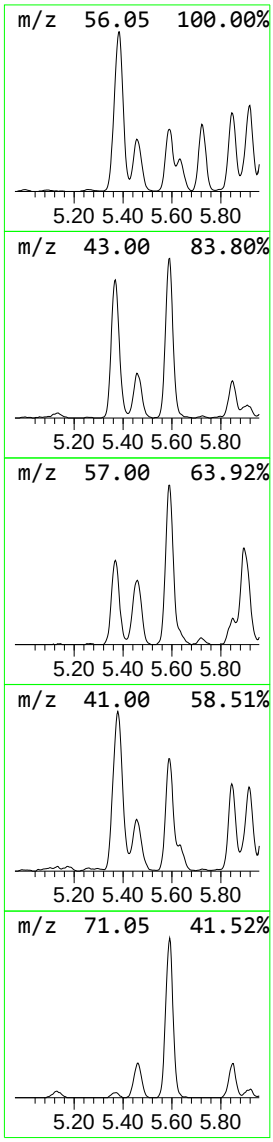
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.456	2.21 ug/L	217741	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	46





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Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

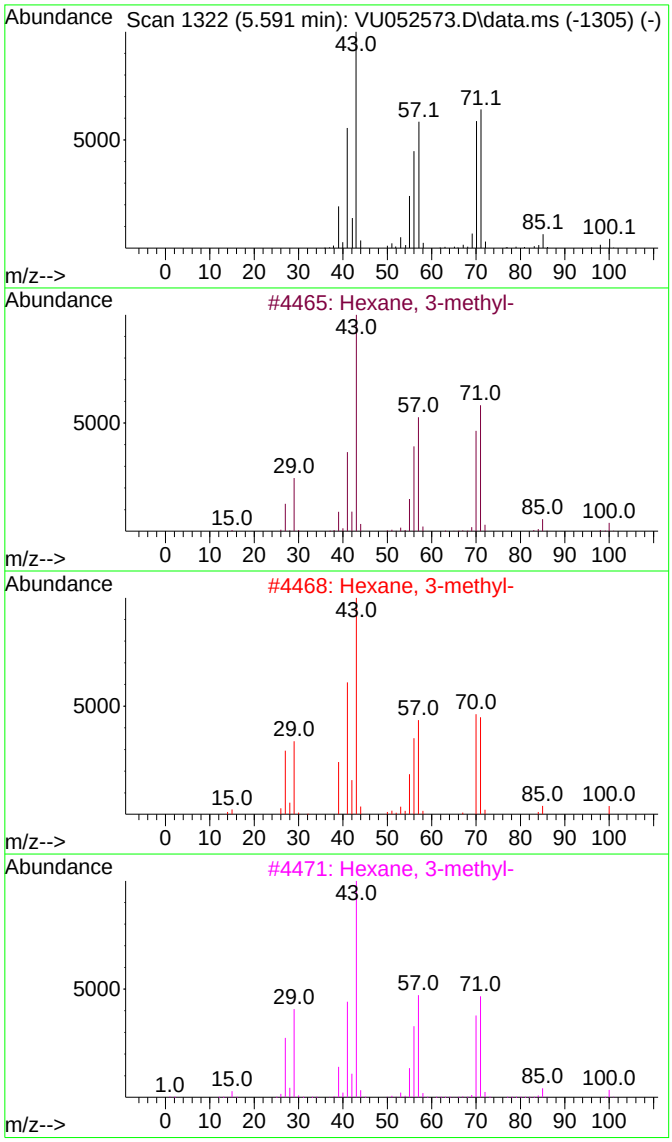
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

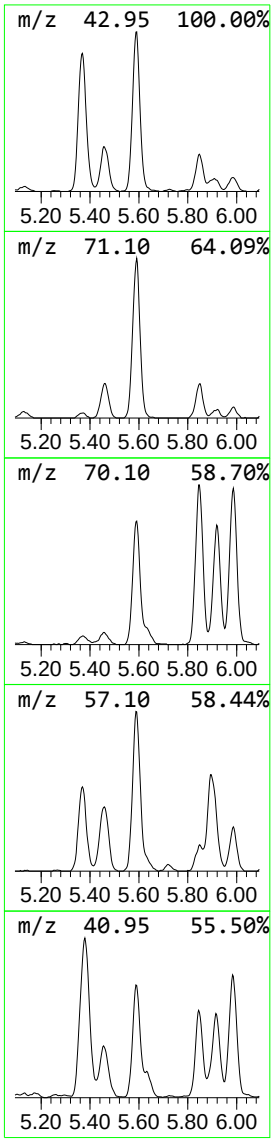
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.591	5.20 ug/L	512616	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane	100	C7H16	000142-82-5	72
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	53





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Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

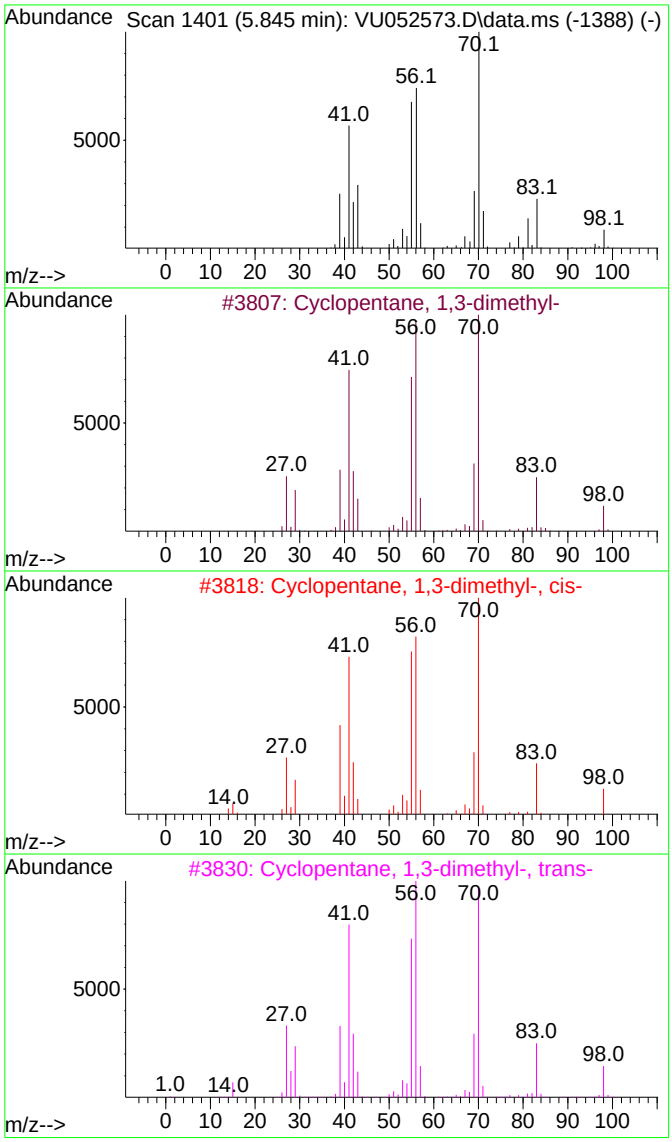
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

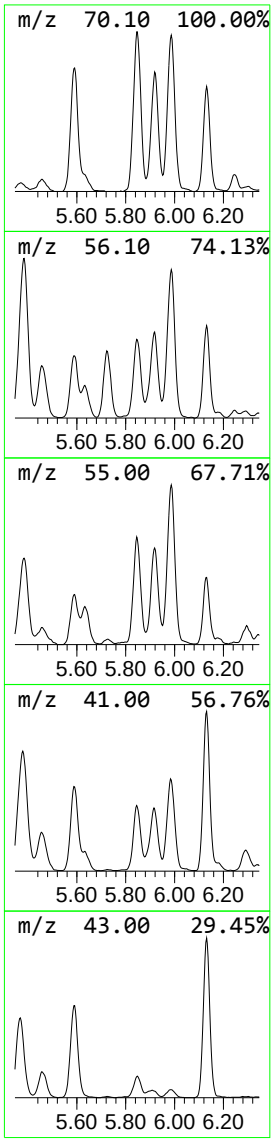
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic5.845 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.845	4.14 ug/L	407770	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	94
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	90
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

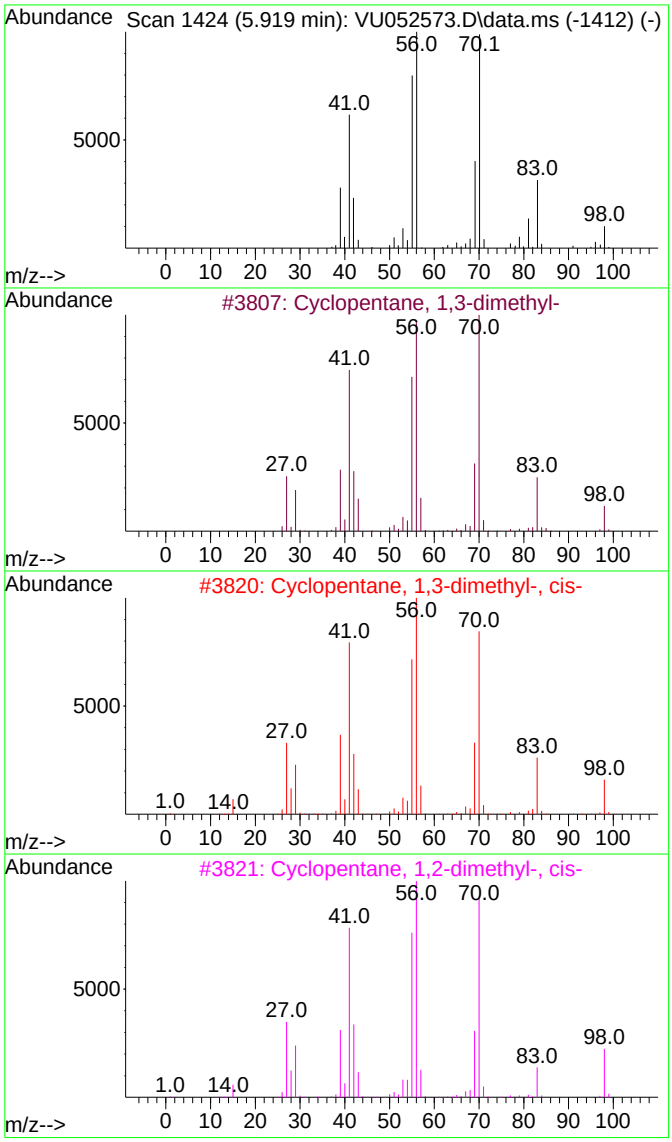
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

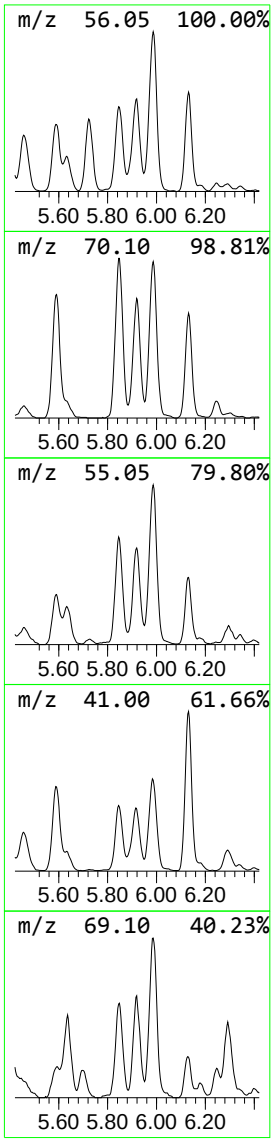
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic5.919 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.919	3.91 ug/L	384682	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	78
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	72
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

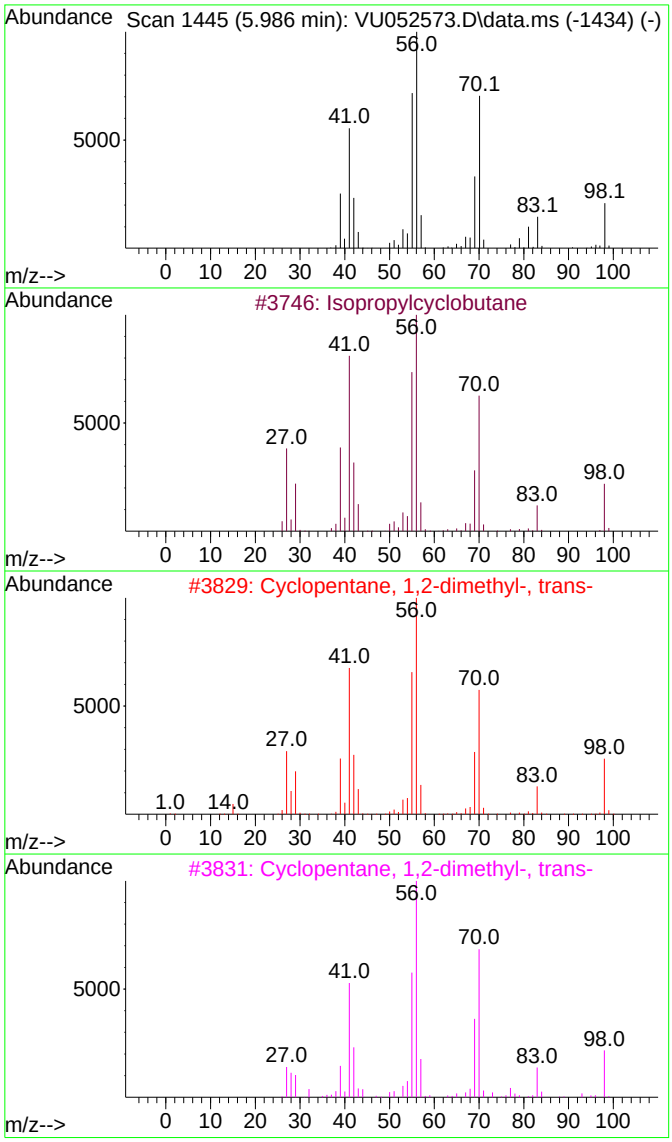
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

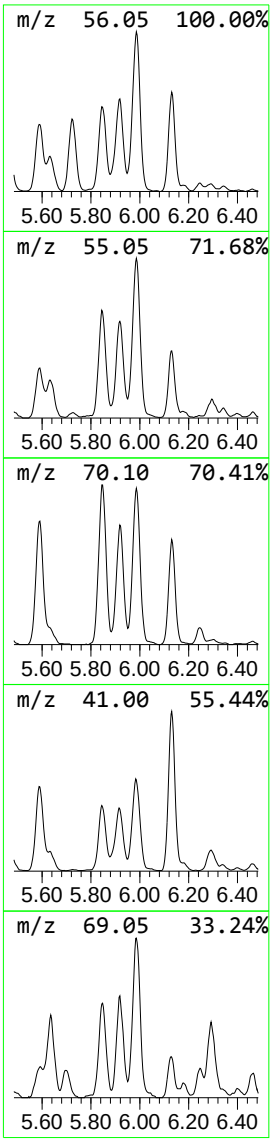
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic5.986 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.986	5.80 ug/L	571657	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	93
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

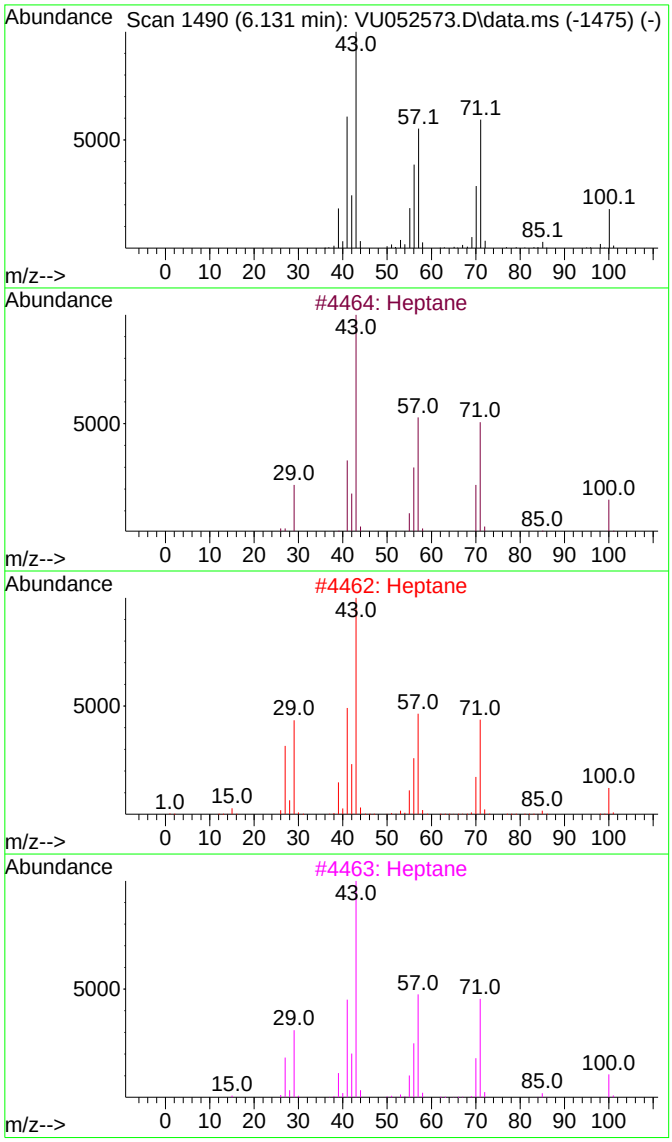
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

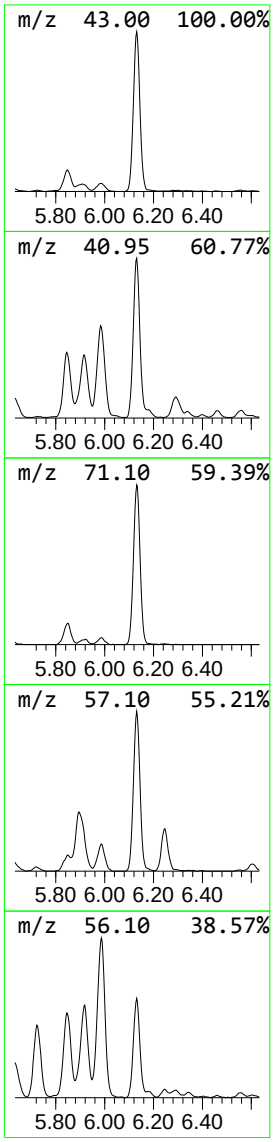
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.131	7.17 ug/L	705861	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	90
3	Heptane	100	C7H16	000142-82-5	87
4	Heptane	100	C7H16	000142-82-5	64
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

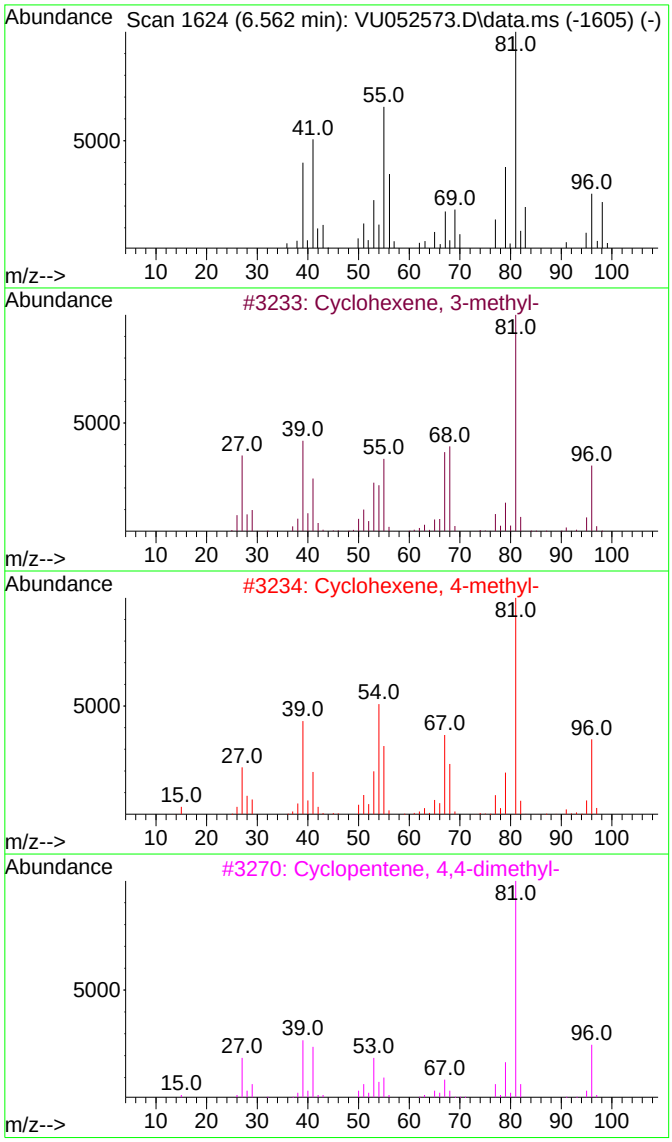
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

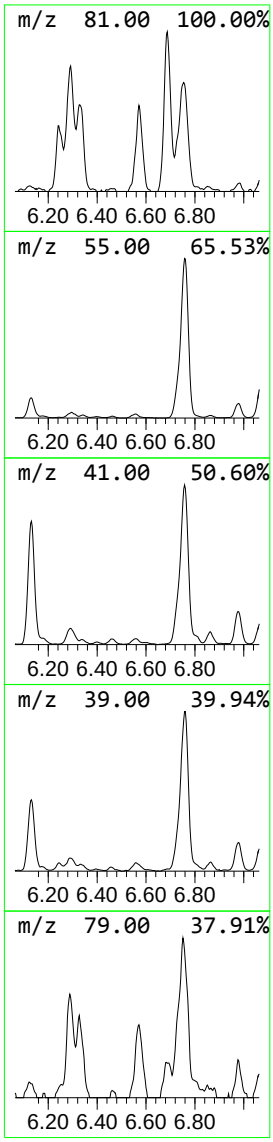
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclohexene, 3-methyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.562	0.75 ug/L	74257	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	58
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	52
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	49
4	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	43
5	Furan, 2-ethyl-	96	C6H8O	003208-16-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

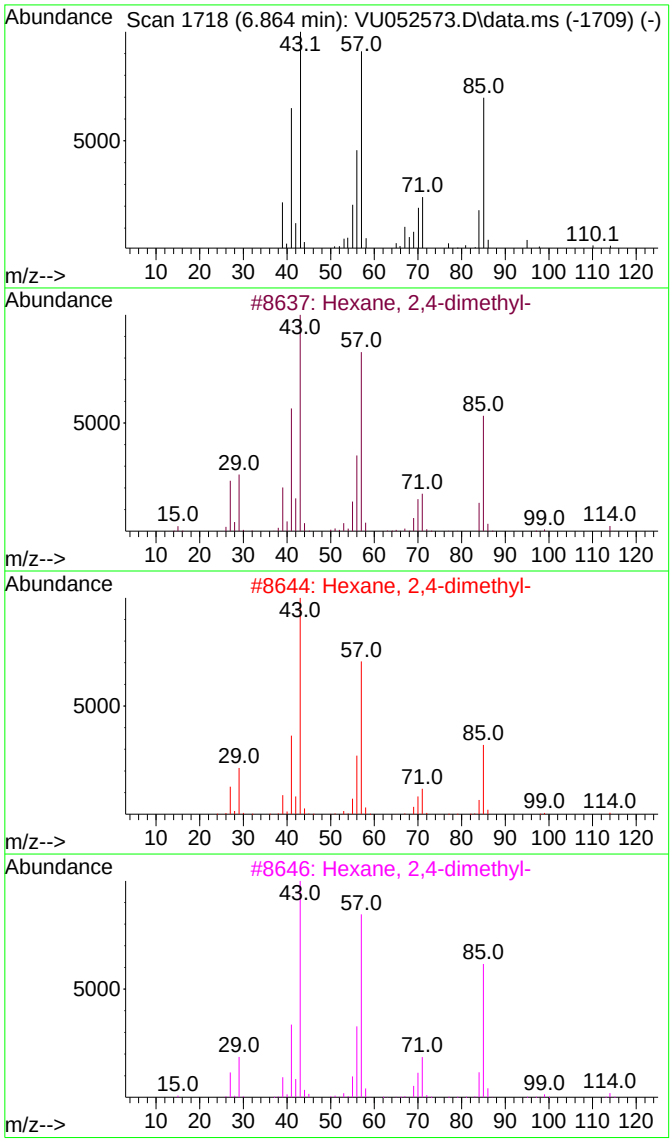
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

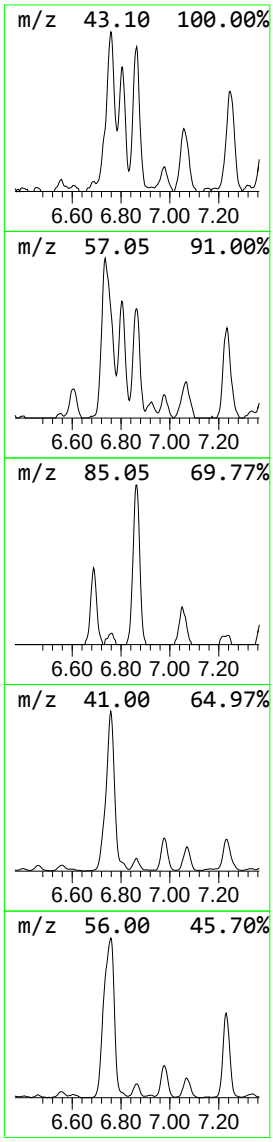
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.864	0.84 ug/L	82474	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	95
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	90
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	90
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	90
5	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

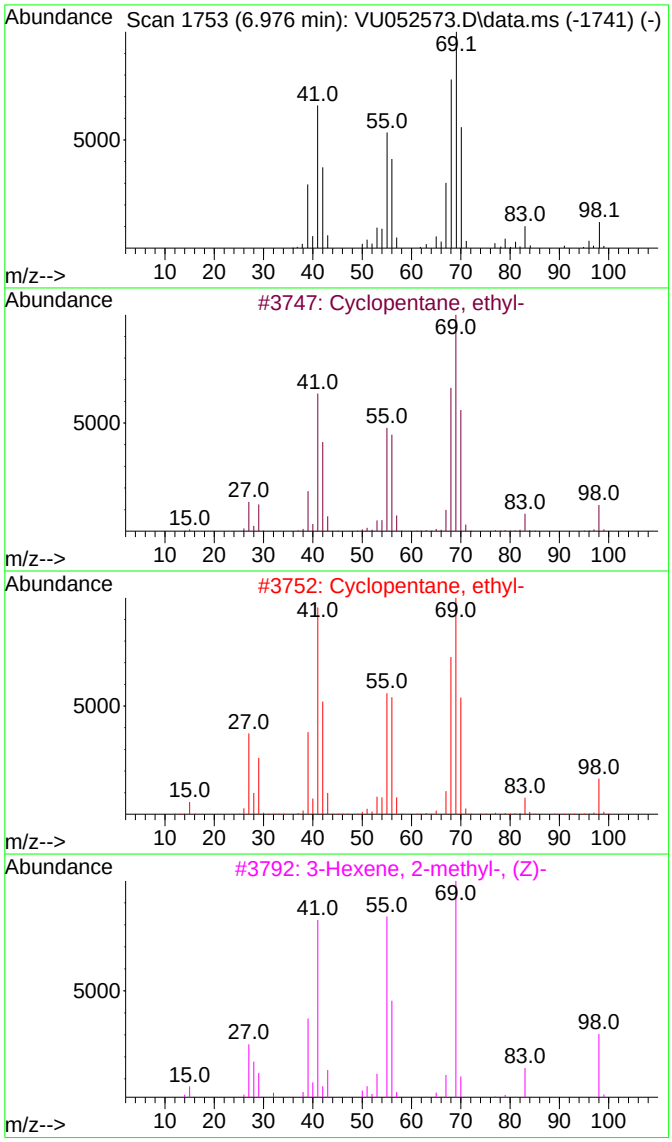
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

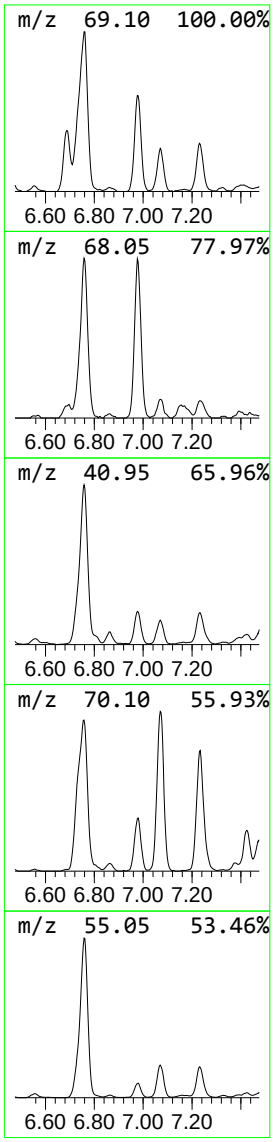
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic6.976 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.976	2.17 ug/L	213538	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	94
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	90
3	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	45
4	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	43
5	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

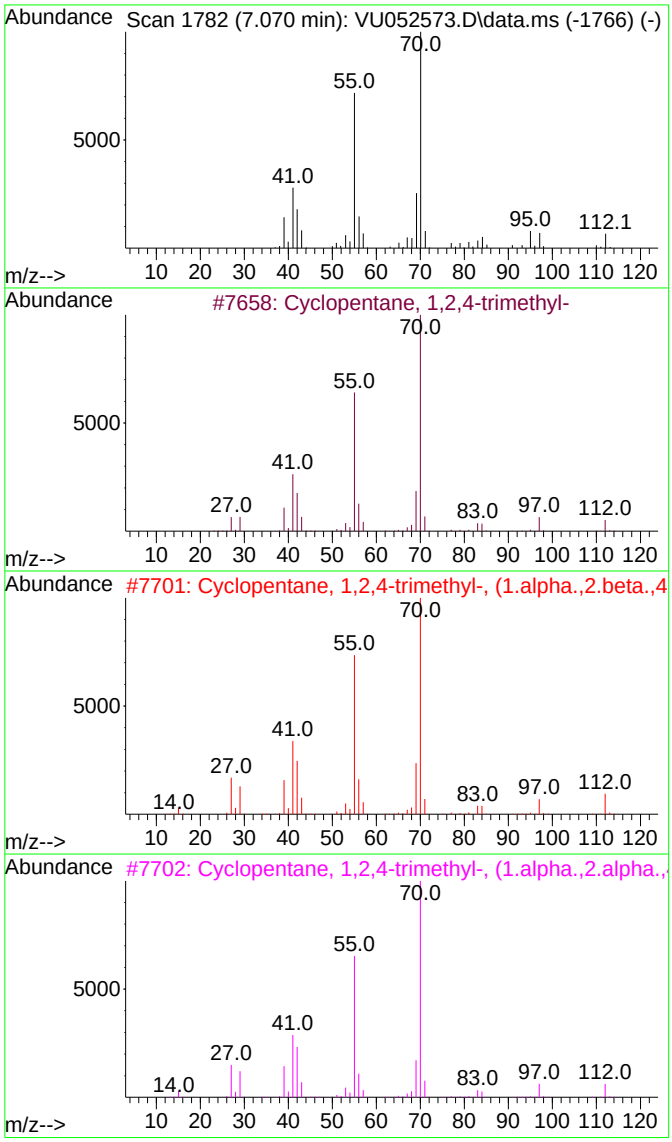
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

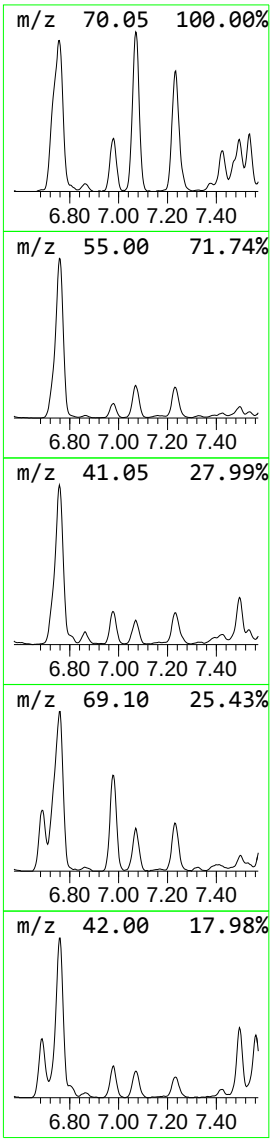
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic7.070 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.070	2.55 ug/L	250853	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	90
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	87
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	86
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

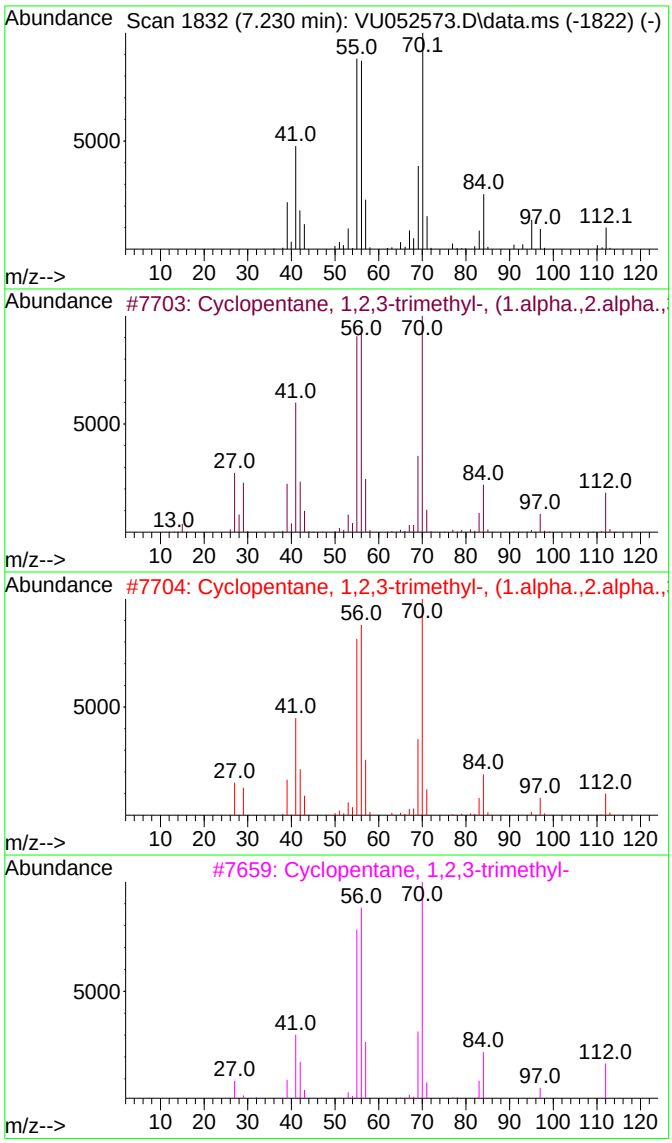
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

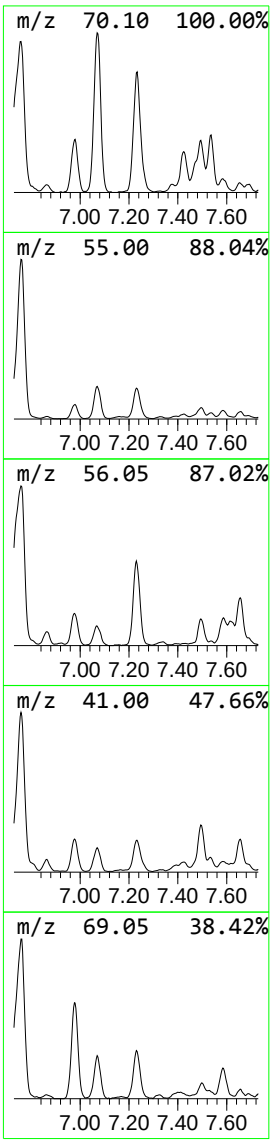
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic7.230 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.230	3.47 ug/L	341450	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	90
4	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	90
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64





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Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

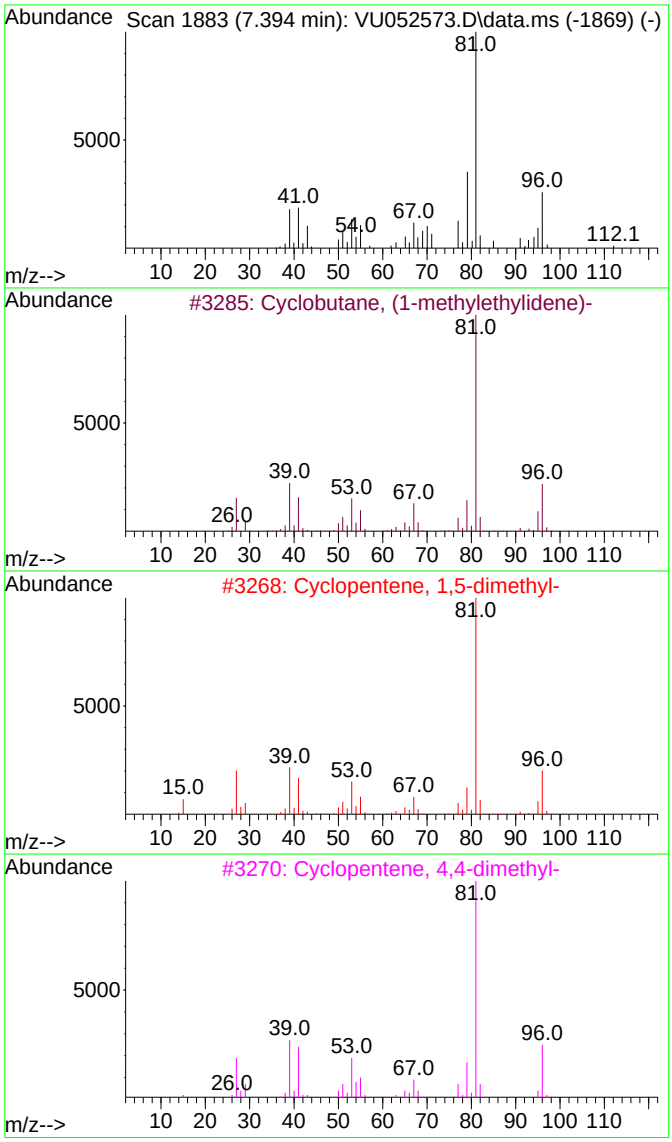
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

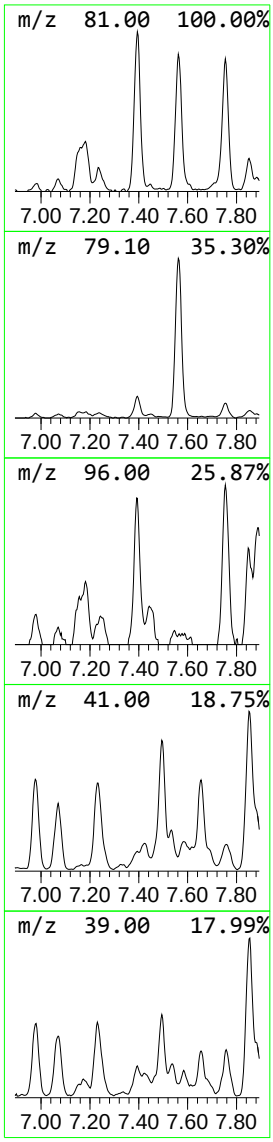
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclobutane, (1-methylethyl... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.394	0.93 ug/L	91818	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	81
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	81
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	64
4	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	64
5	2,3-Dimethyl-1,4-pentadiene	96	C7H12	000758-86-1	59





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Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

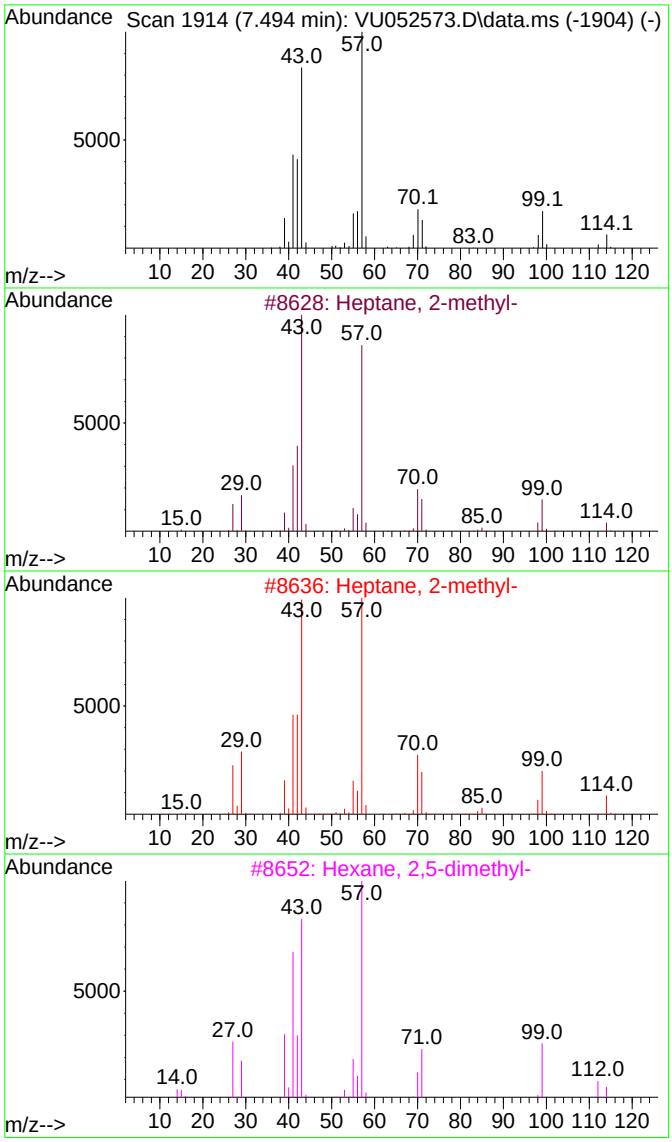
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

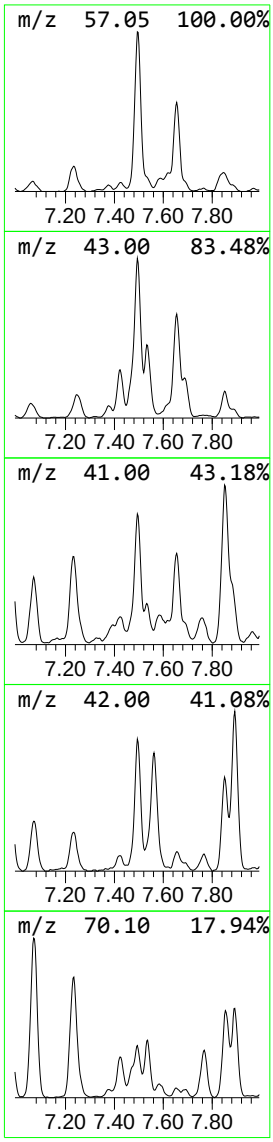
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.494	2.35 ug/L	231577	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	52
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	47





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Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

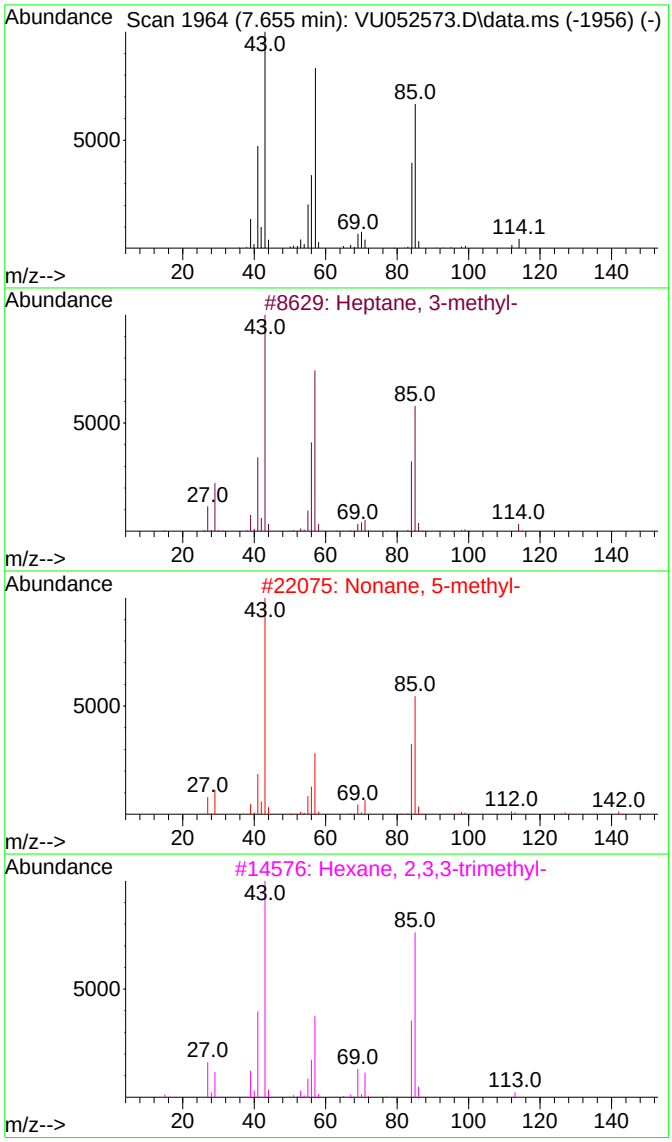
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

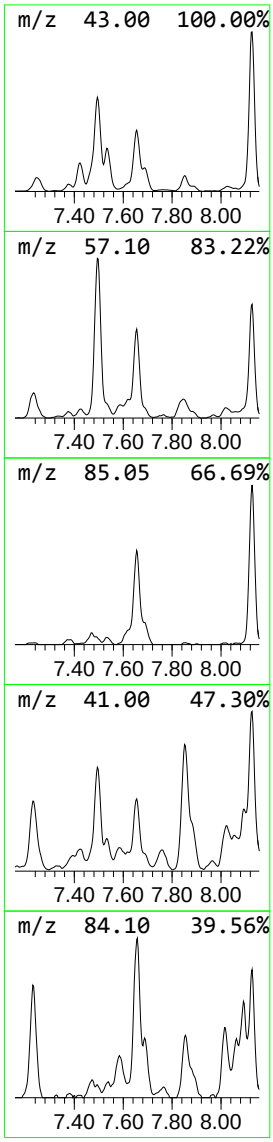
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.655	1.48 ug/L	146119	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	80
2	Nonane, 5-methyl-	142	C10H22	015869-85-9	72
3	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	72
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	68
5	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

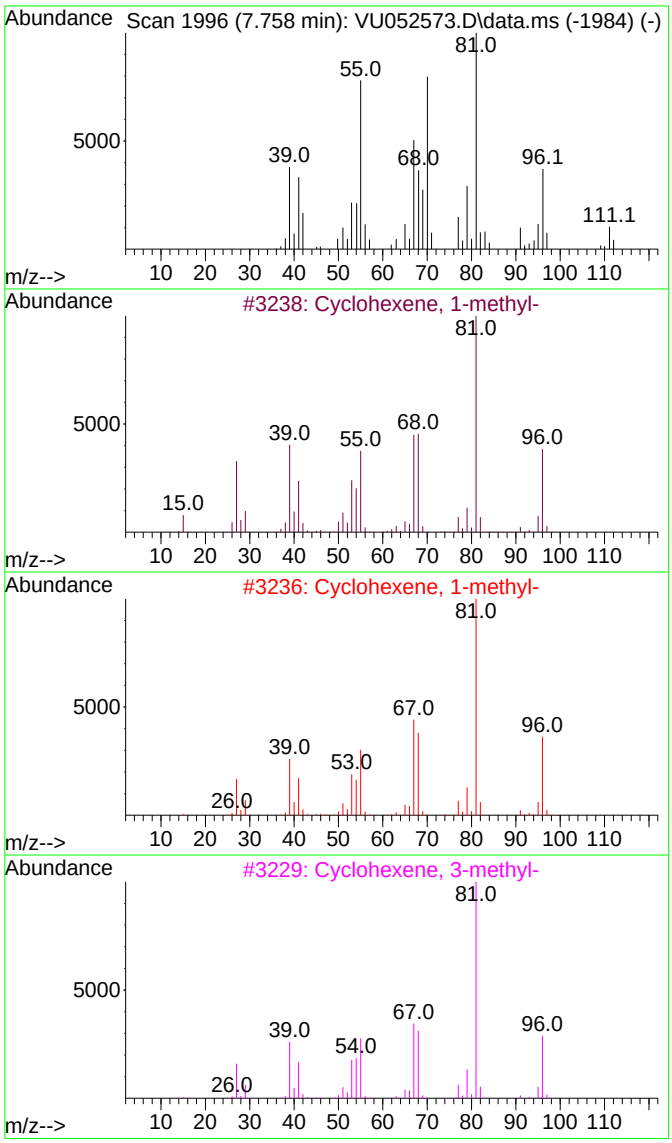
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

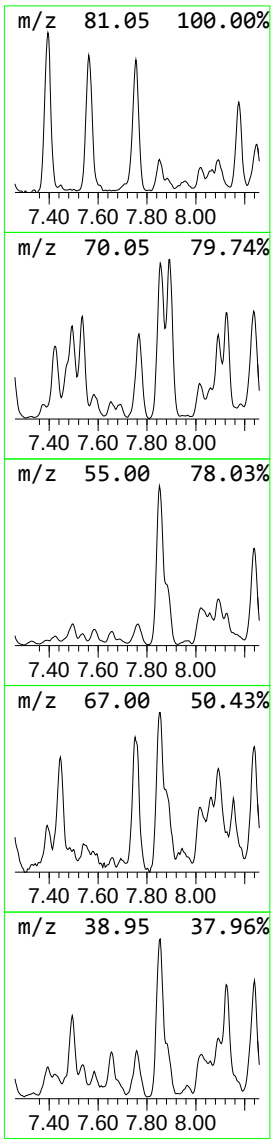
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Cyclohexene, 1-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.758	1.66 ug/L	163302	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	60
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	60
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	55
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

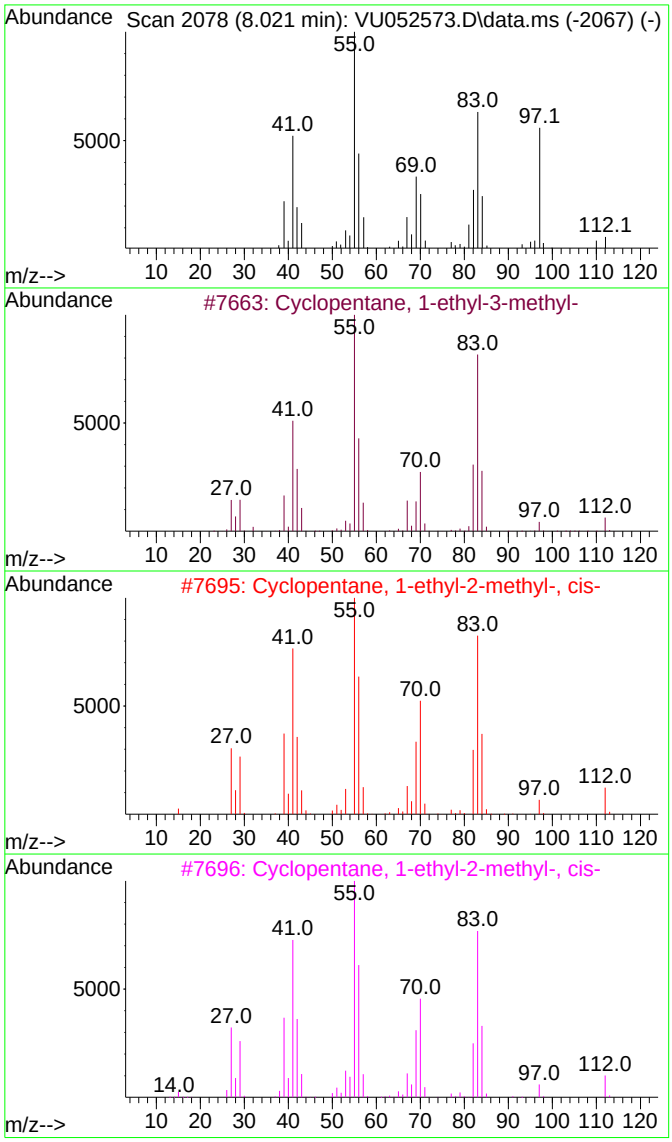
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

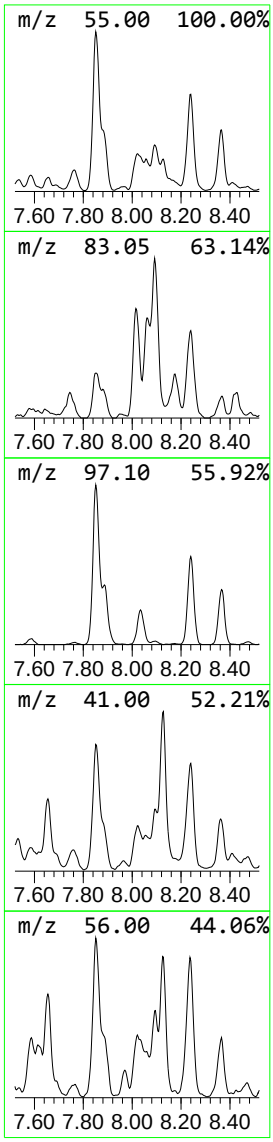
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic8.021 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.021	1.75 ug/L	202189	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	70
2	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	58
3	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	58
4	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	58
5	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

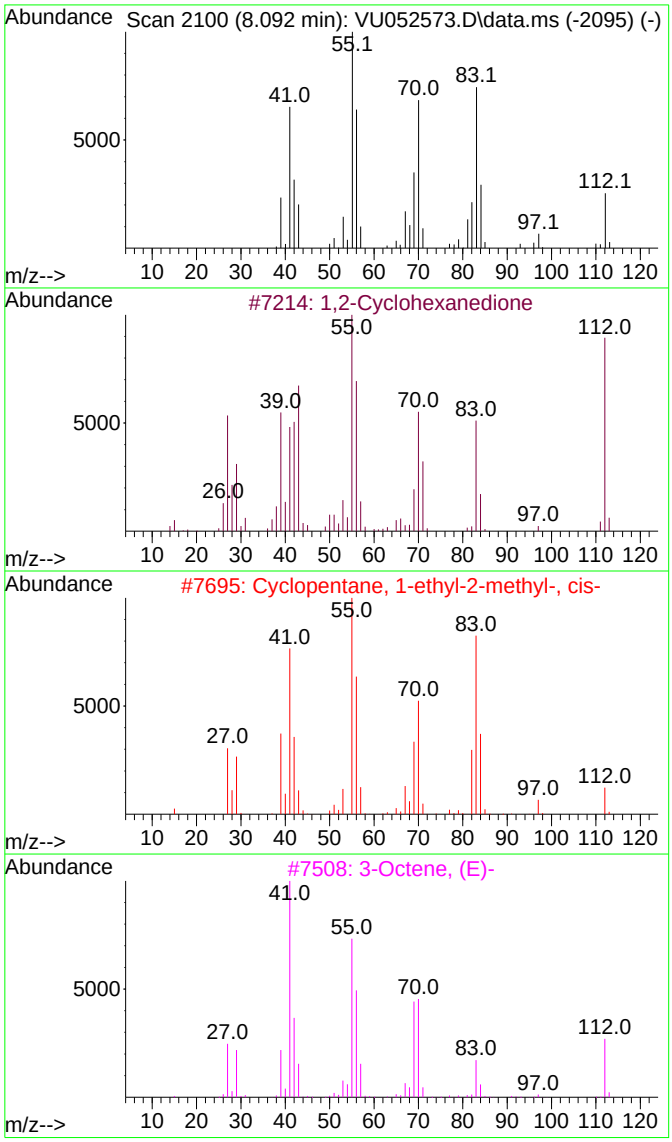
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

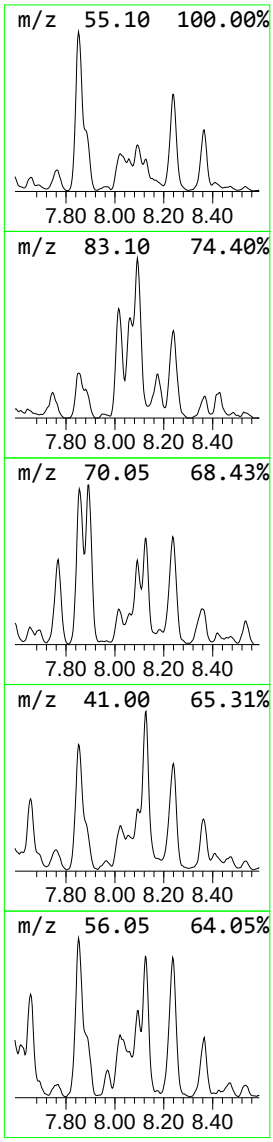
****

Peak Number 23 1,2-Cyclohexanedione Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.092	0.66 ug/L	75669	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanedione	112	C6H8O2	000765-87-7	74
2	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	72
3	3-Octene, (E)-	112	C8H16	014919-01-8	53
4	Cyclooctane	112	C8H16	000292-64-8	50
5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

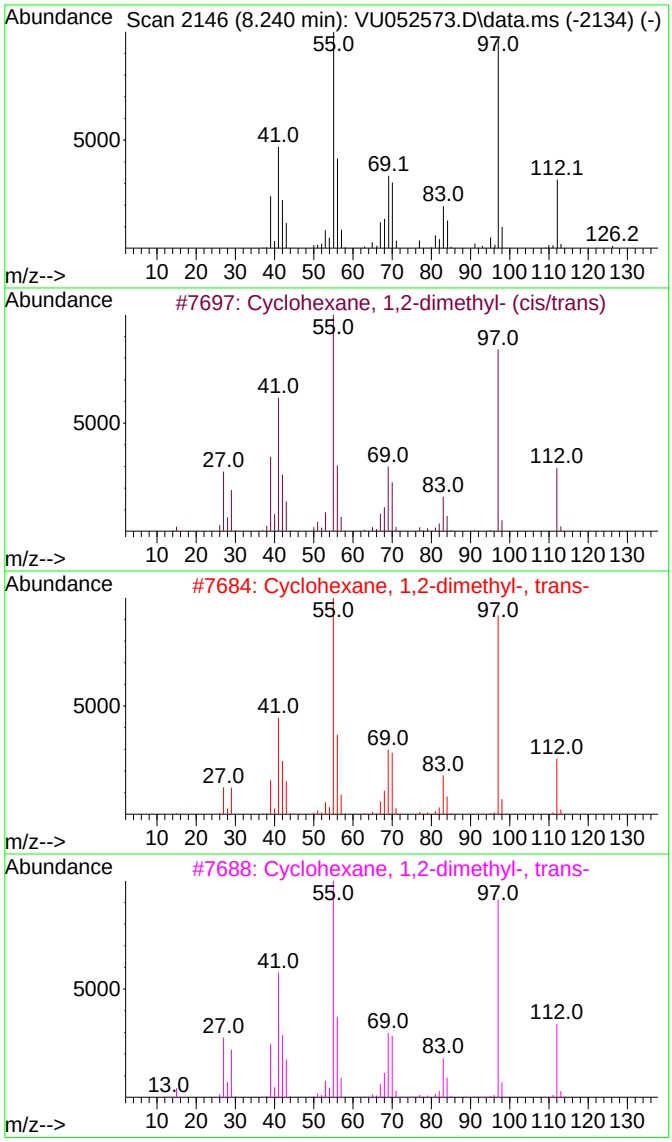
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

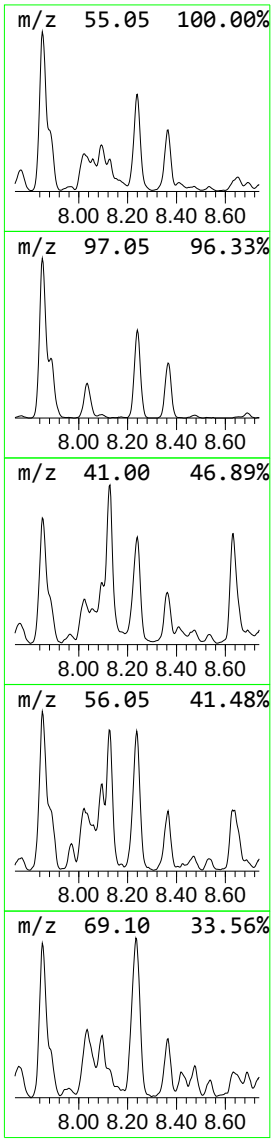
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Cyclic8.240 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.240	3.97 ug/L	457657	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	97
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	97
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	95
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

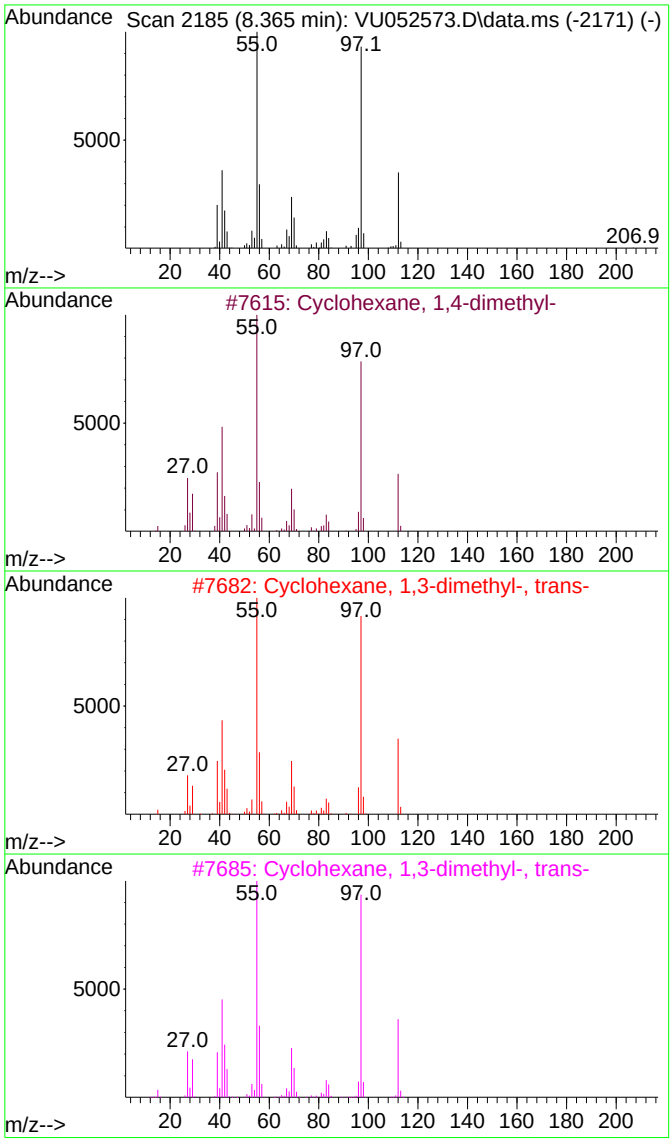
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

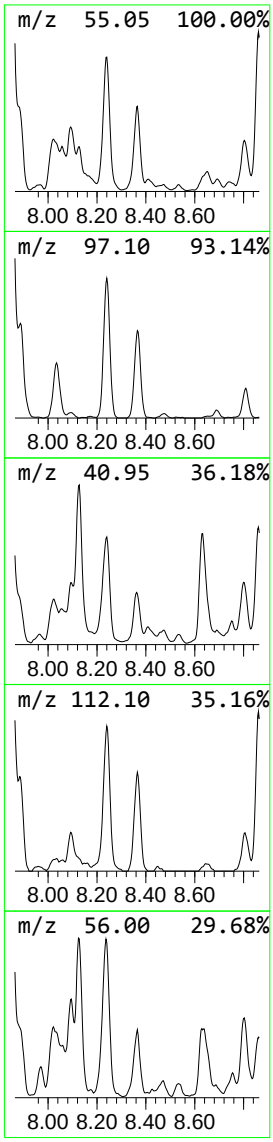
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic8.365 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.365	1.83 ug/L	211254	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	97
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

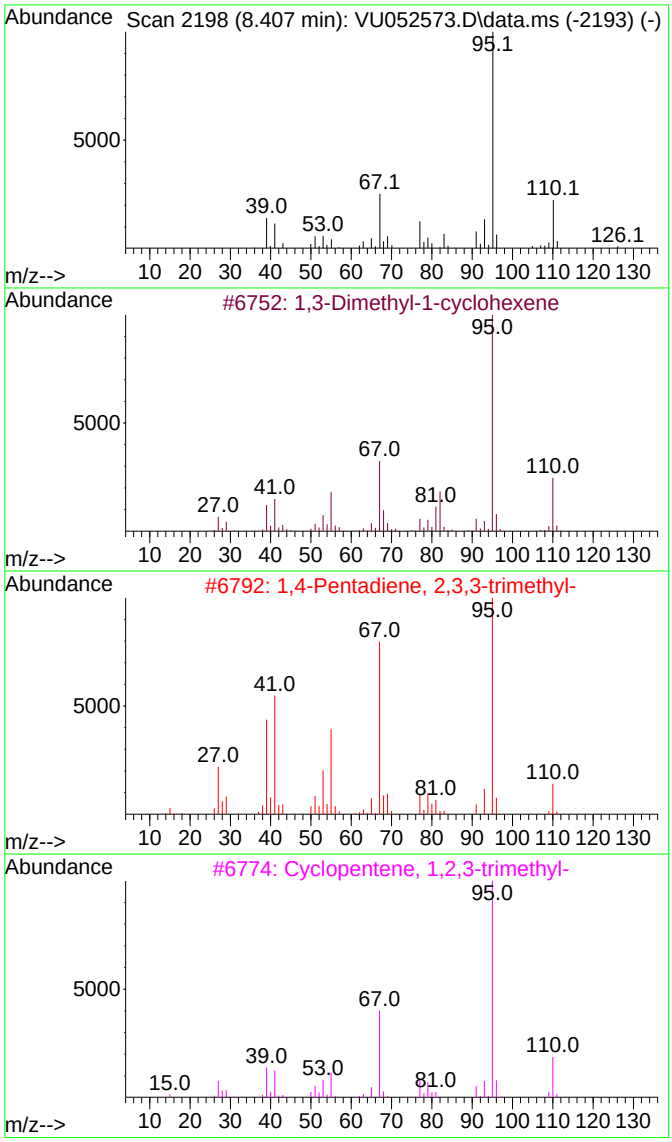
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

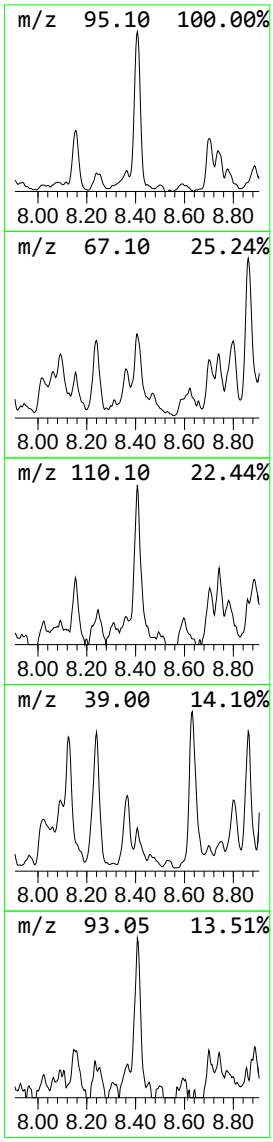
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1,3-Dimethyl-1-cyclohexene Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.407	0.77 ug/L	88719	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	87
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	80
3	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	72
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64
5	2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

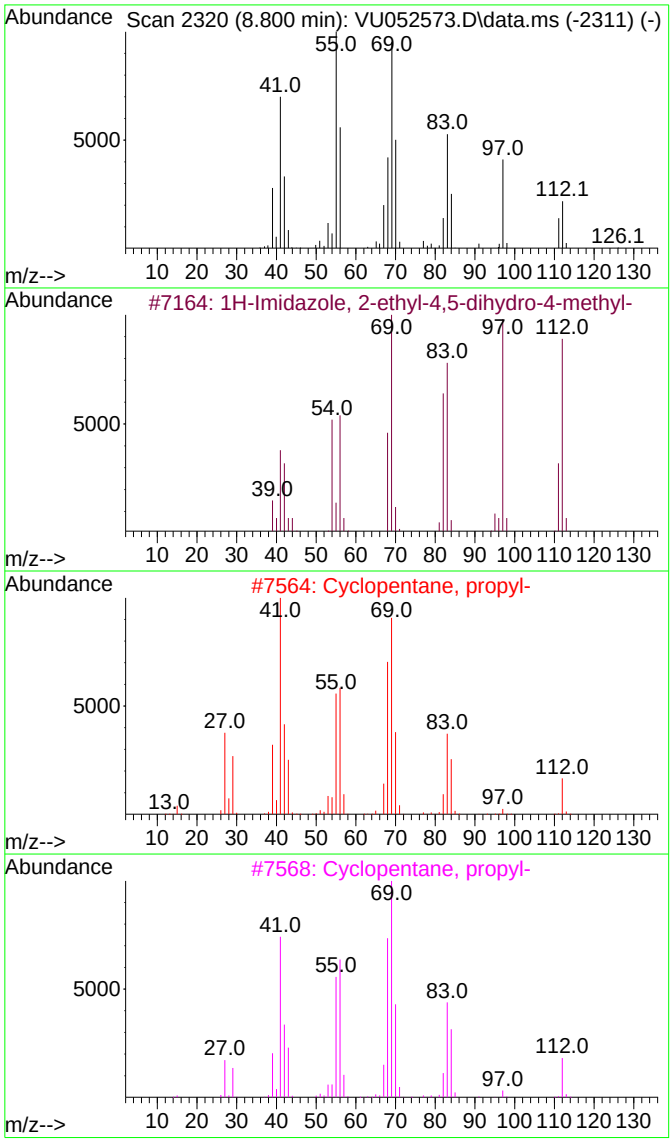
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

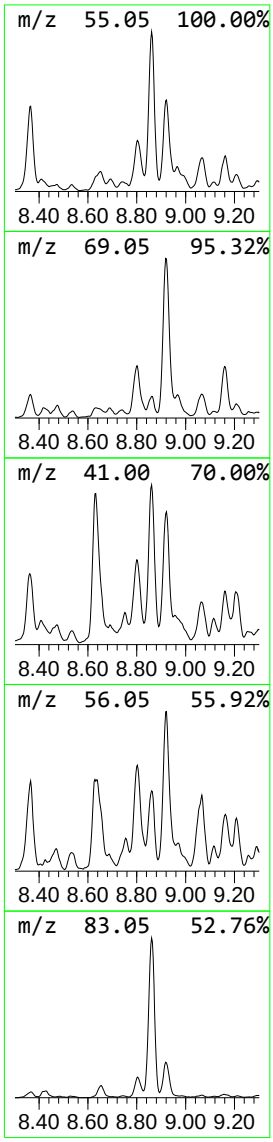
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1H-Imidazole, 2-ethyl-4,5-d... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.800	1.37 ug/L	157706	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 2-ethyl-4,5-dihydr...	112	C6H12N2	000931-35-1	76
2	Cyclopentane, propyl-	112	C8H16	002040-96-2	64
3	Cyclopentane, propyl-	112	C8H16	002040-96-2	58
4	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	43
5	3-Heptene, 2-methyl-	112	C8H16	017618-76-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

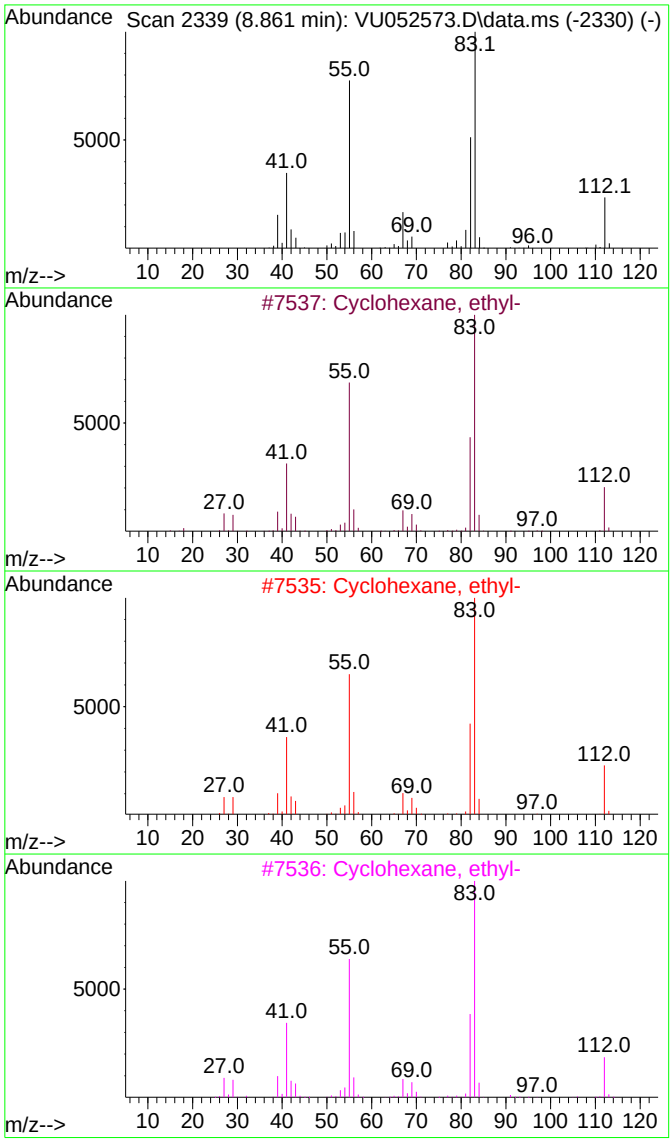
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

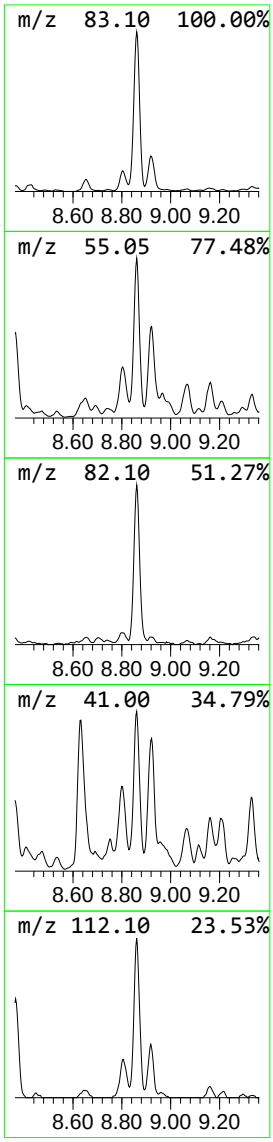
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Cyclic8.861 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.861	2.86 ug/L	329312	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	59
5	3-Heptene, 5-methyl-	112	C8H16	013172-91-3	53





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Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

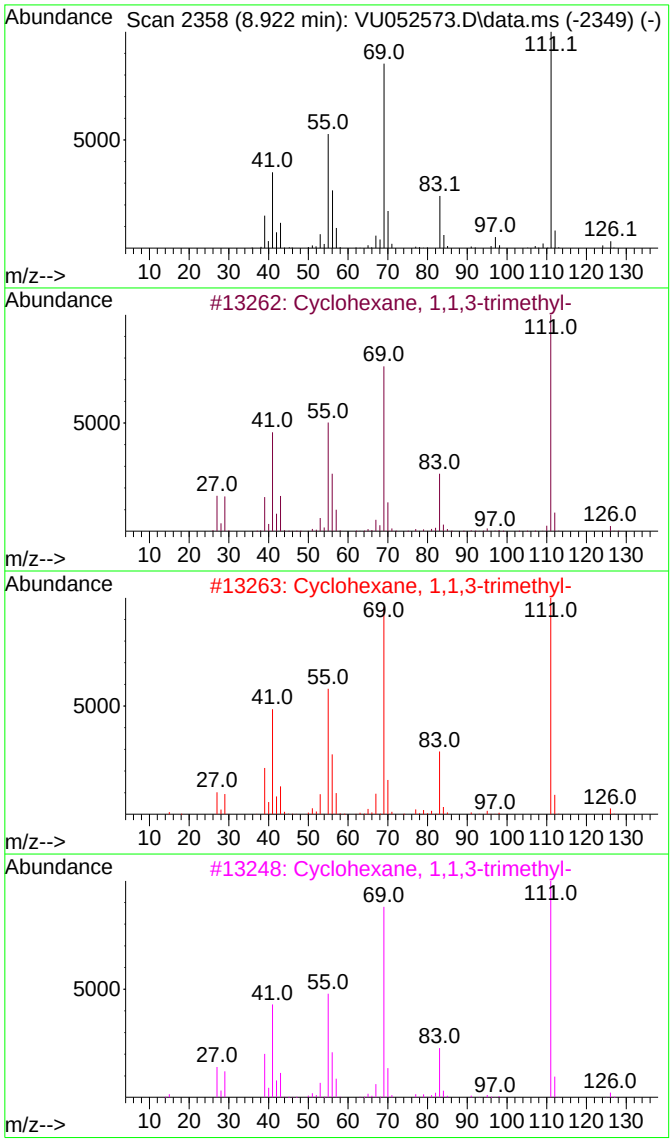
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

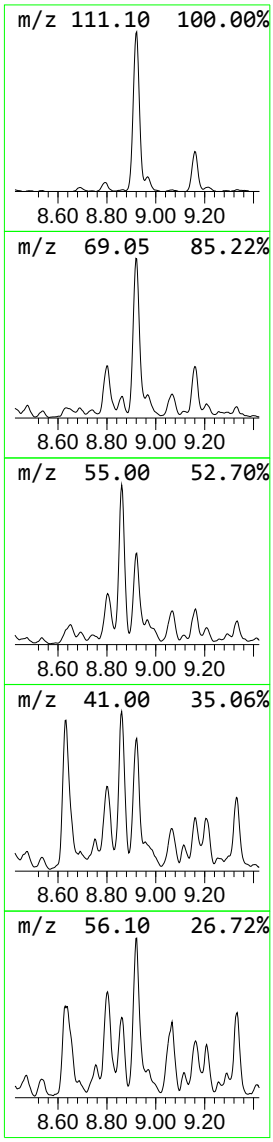
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Cyclic8.922 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.922	2.69 ug/L	310489	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
5	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

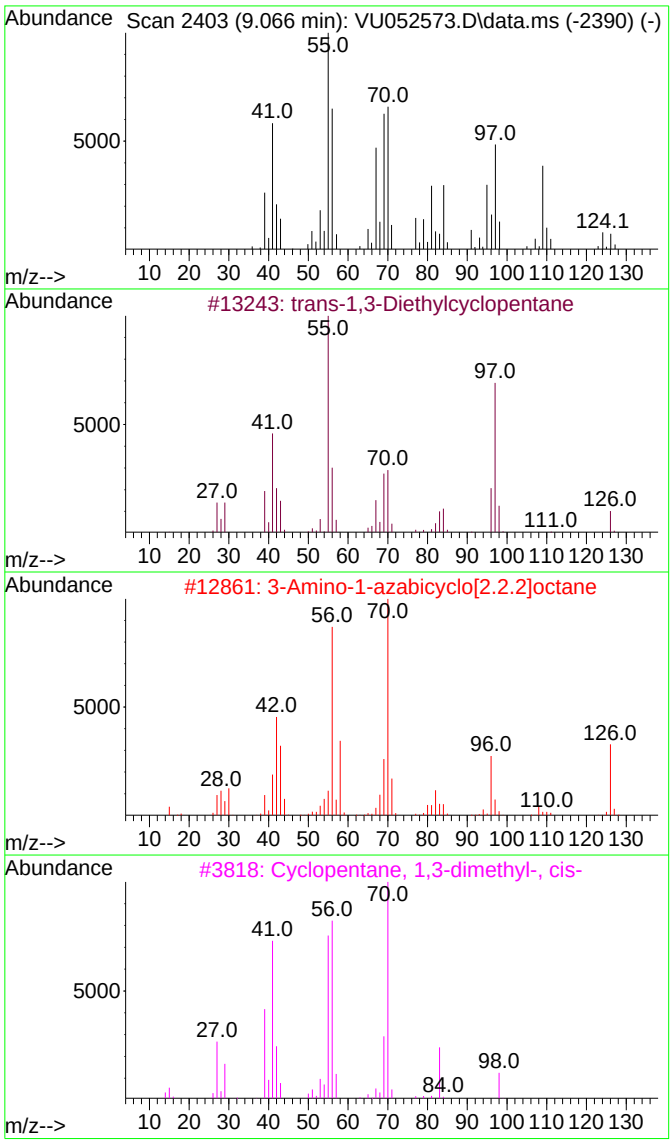
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

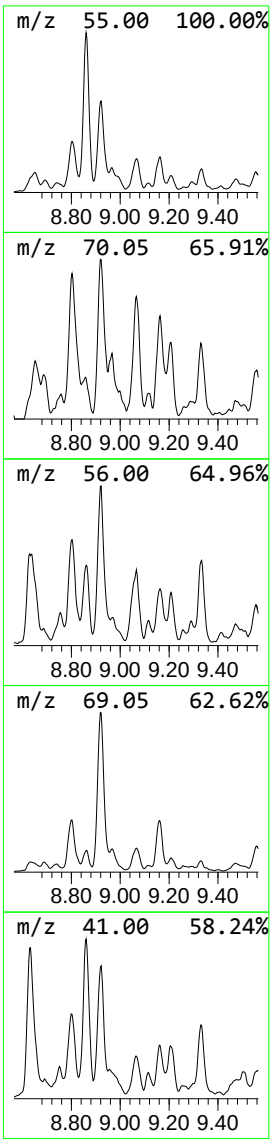
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic9.066 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.066	1.32 ug/L	152596	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	30
2	3-Amino-1-azabicyclo[2.2.2]octane	126	C7H14N2	006238-14-8	25
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	22
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	22
5	1-Octanol	130	C8H18O	000111-87-5	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

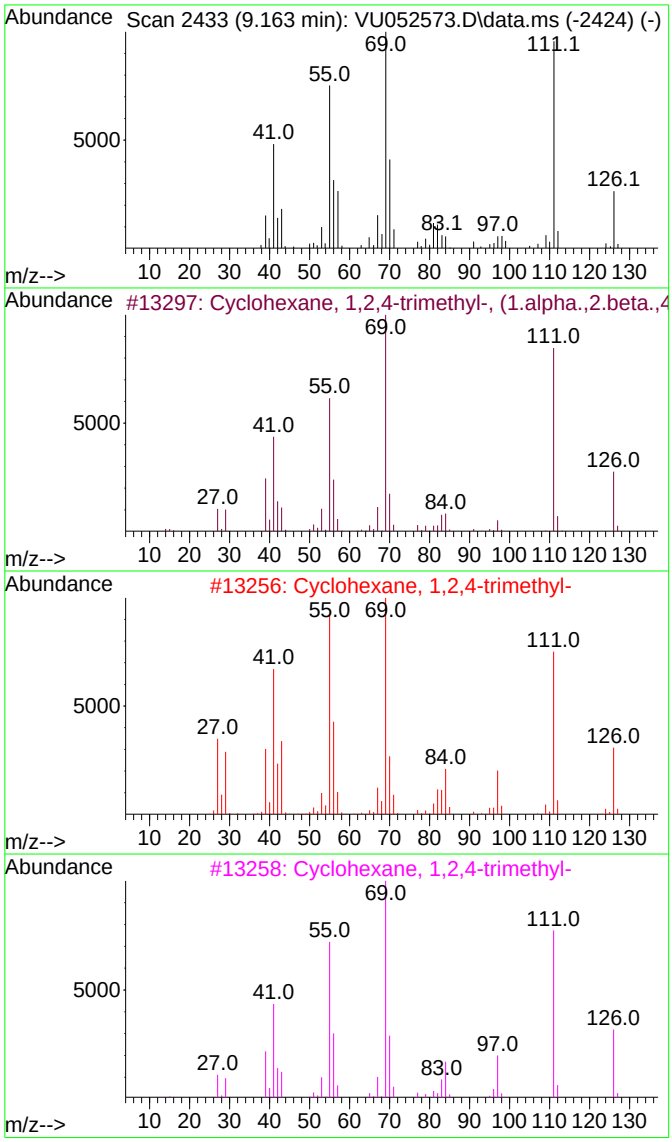
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

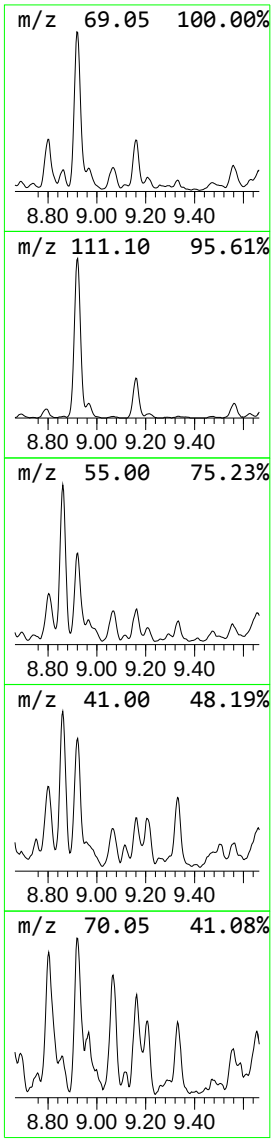
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Cyclic9.163 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	1.19 ug/L	137571	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	80
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	76
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

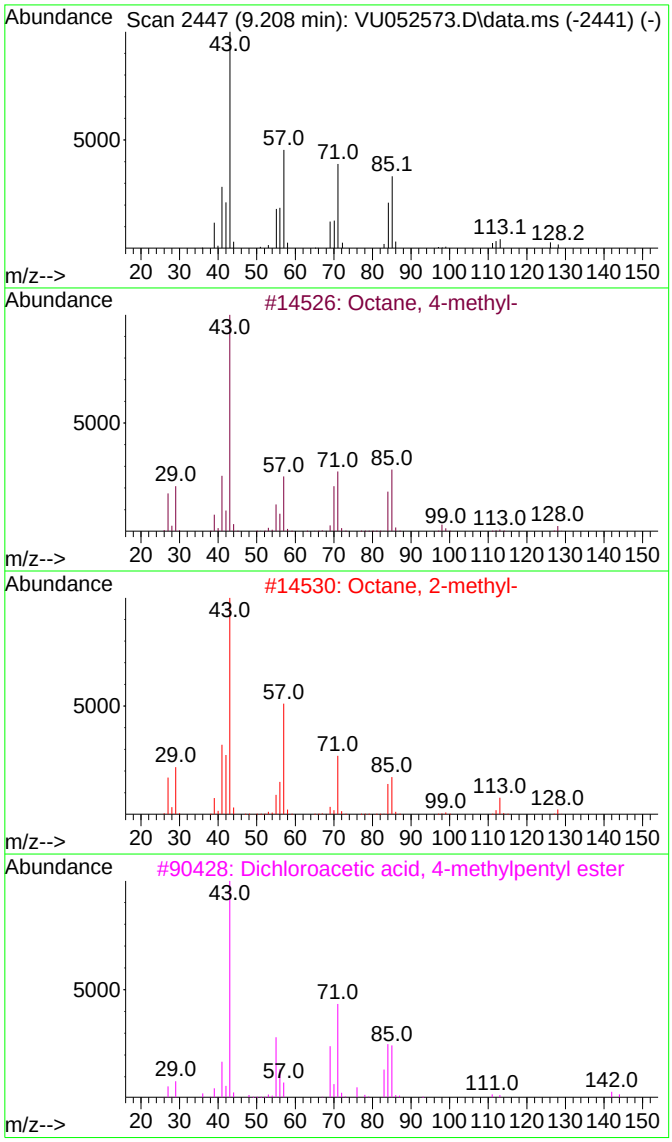
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

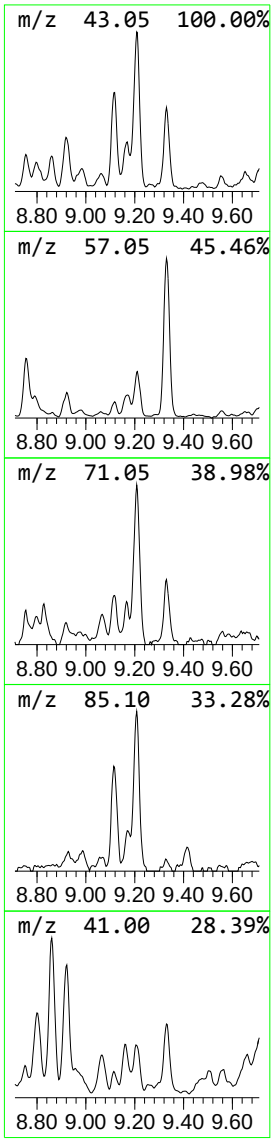
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.208	0.96 ug/L	110495	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	64
2	Octane, 2-methyl-	128	C9H20	003221-61-2	64
3	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	59
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

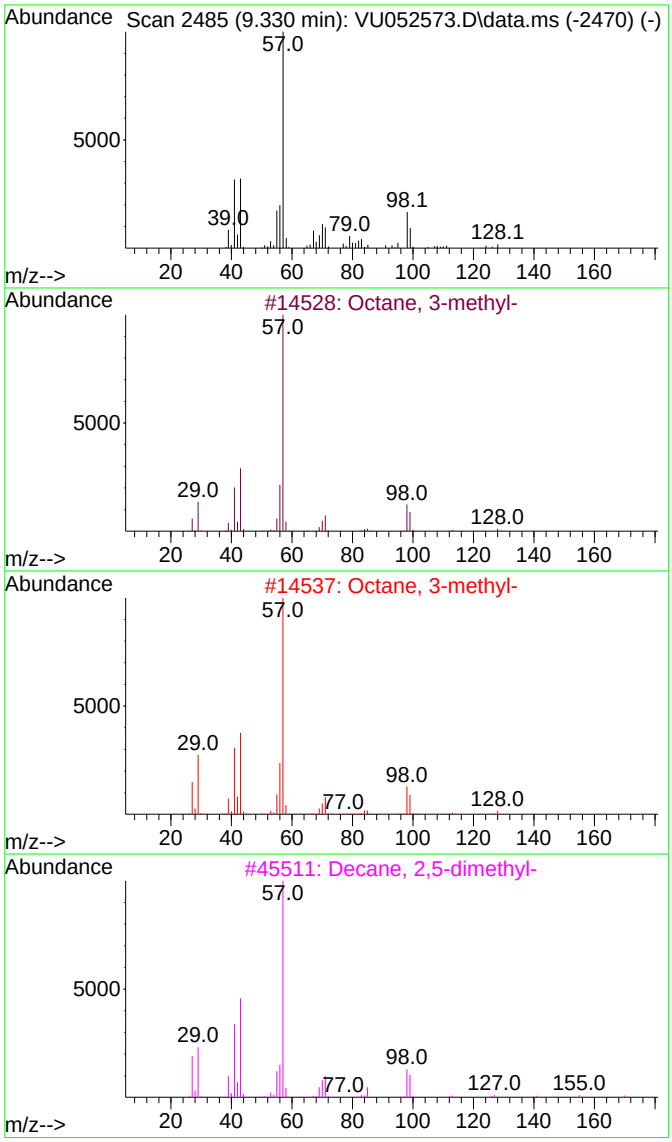
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

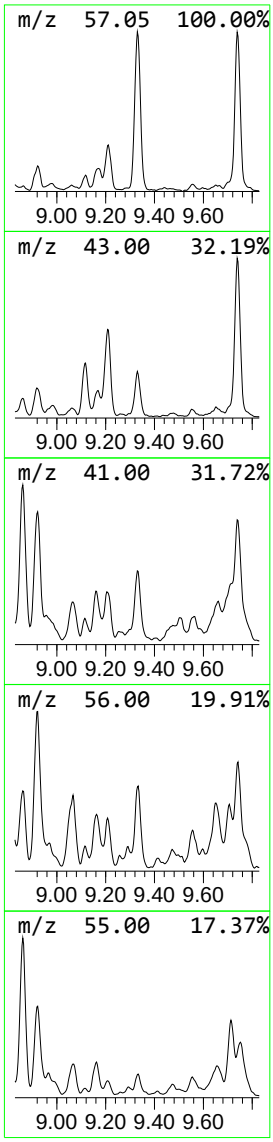
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.330	1.57 ug/L	181128	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	80
2	Octane, 3-methyl-	128	C9H20	002216-33-3	80
3	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	72
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

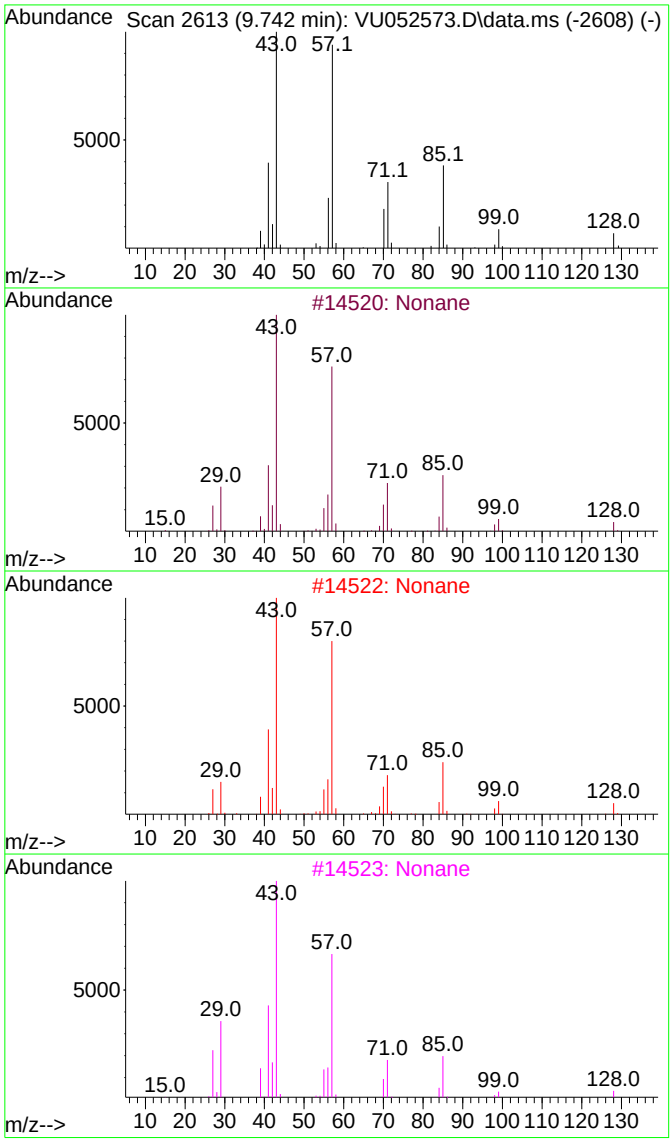
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

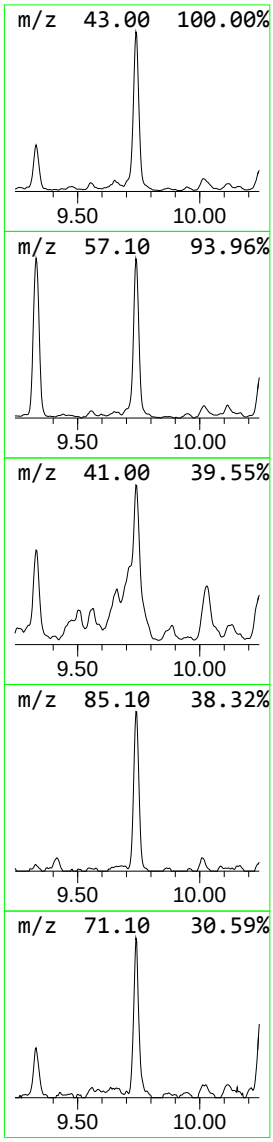
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.742	3.02 ug/L	348105	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Nonane	128	C9H20	000111-84-2	91
3	Nonane	128	C9H20	000111-84-2	87
4	Octane	114	C8H18	000111-65-9	80
5	Nonane	128	C9H20	000111-84-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

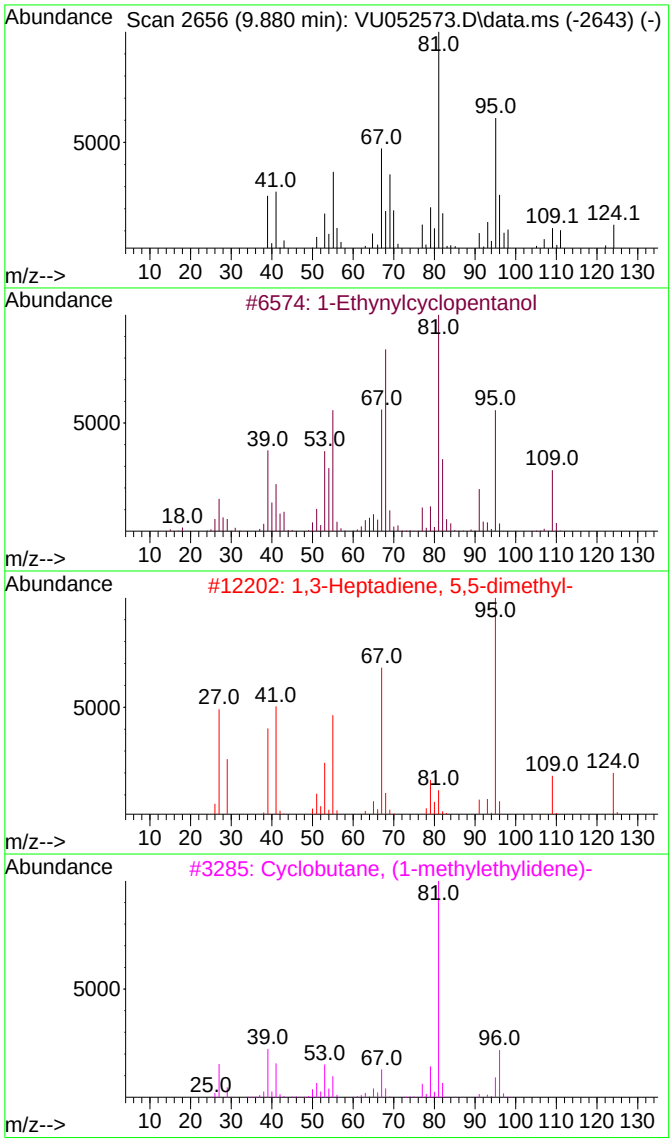
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

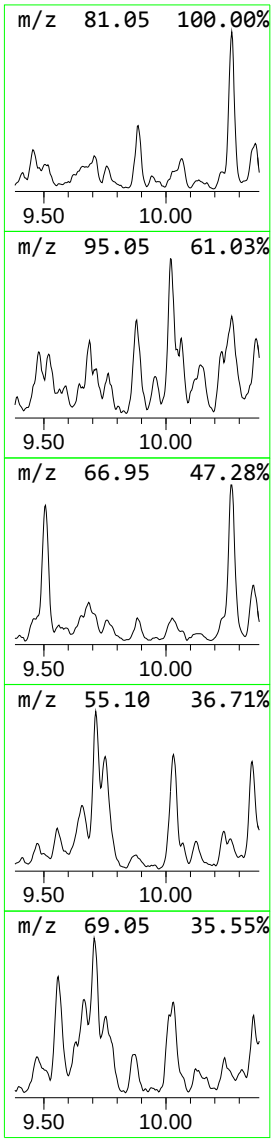
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 1-Ethynylcyclopentanol Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.880	0.62 ug/L	71019	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethynylcyclopentanol	110	C7H10O	017356-19-3	50
2	1,3-Heptadiene, 5,5-dimethyl-	124	C9H16	024618-86-8	46
3	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	43
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	38
5	Ethanone, 1-(2-methyl-2-cyclopen...	124	C8H12O	001767-84-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

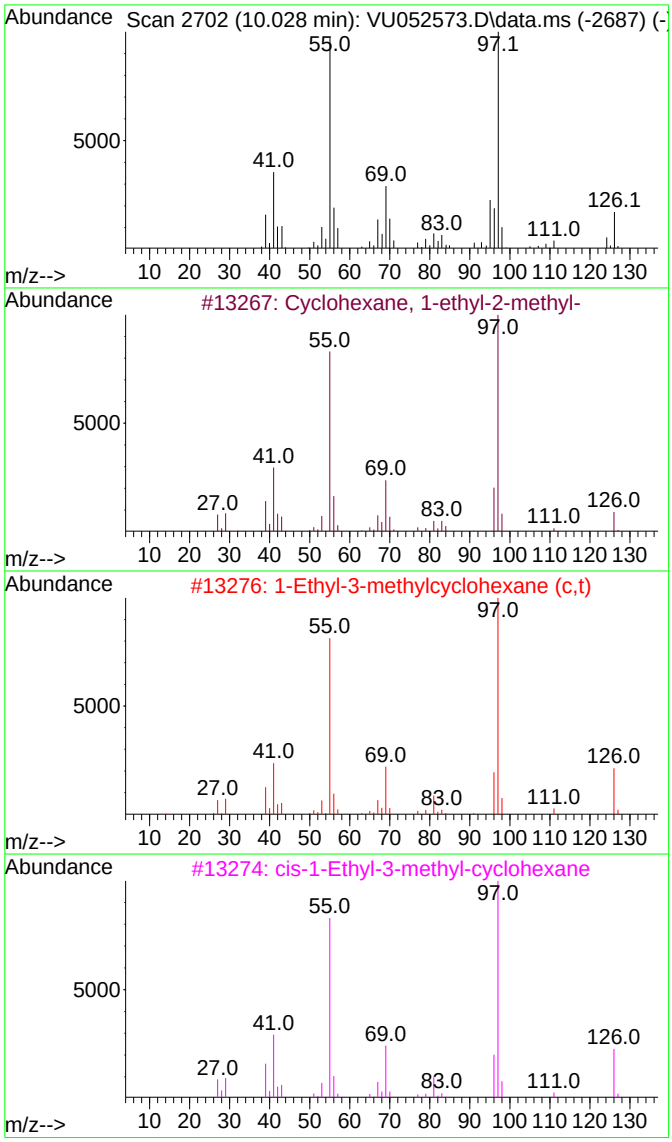
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

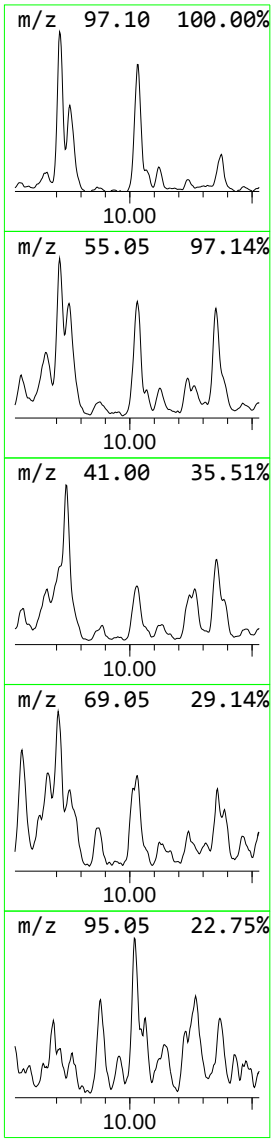
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Cyclic10.028 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.028	1.75 ug/L	202272	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	72
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	68
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	68
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	68
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

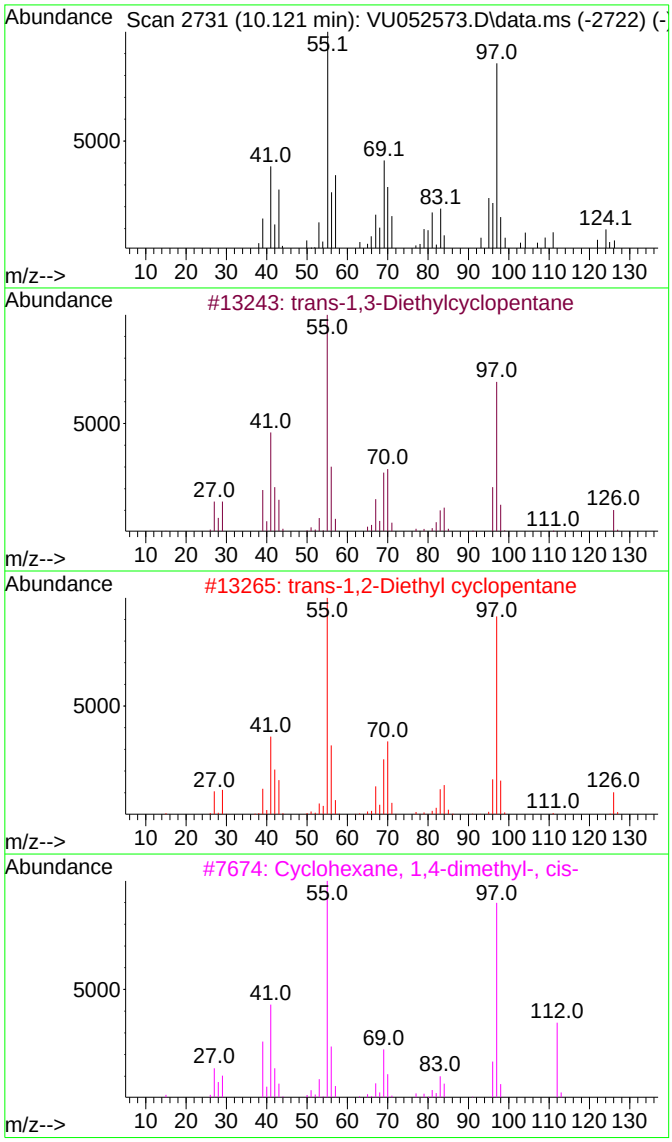
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

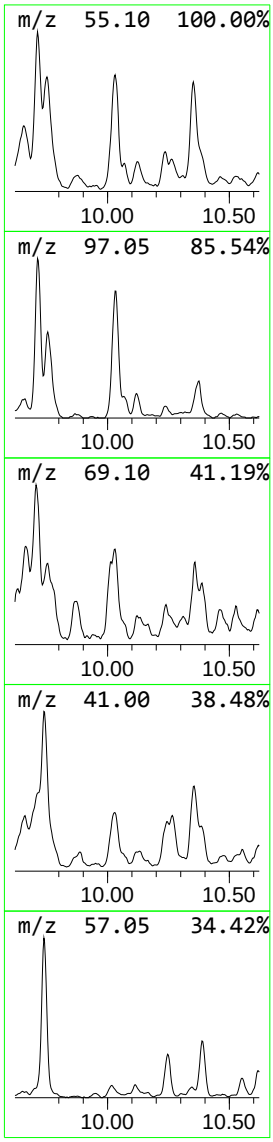
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Cyclic10.121 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.121	0.64 ug/L	74317	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	68
2	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	53
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	53
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	50
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

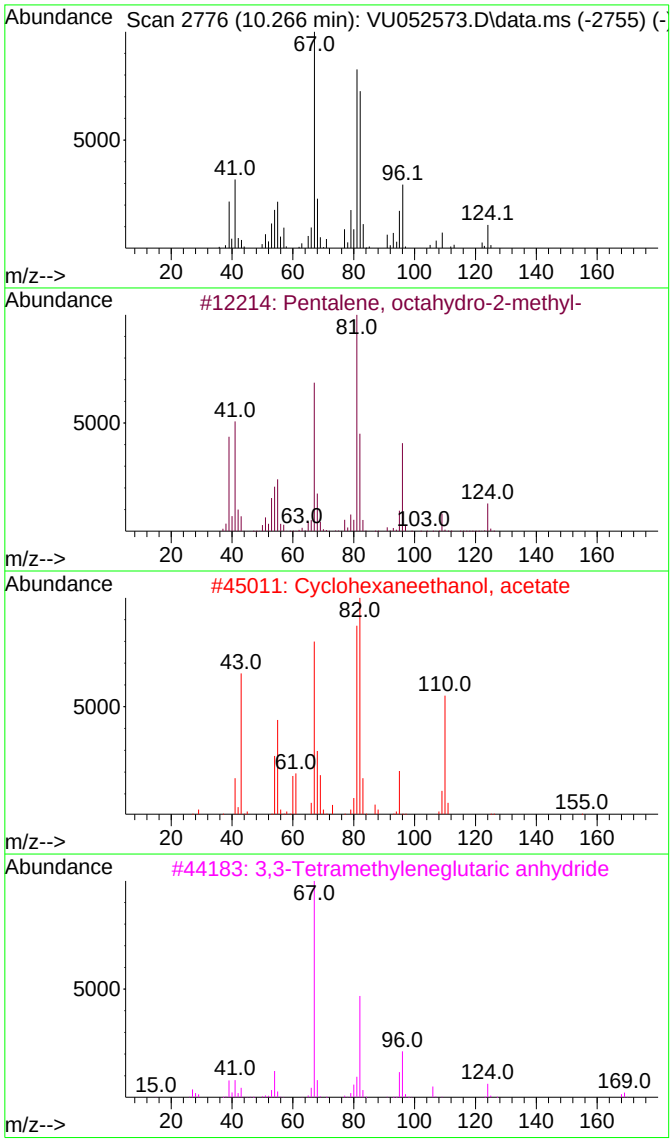
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

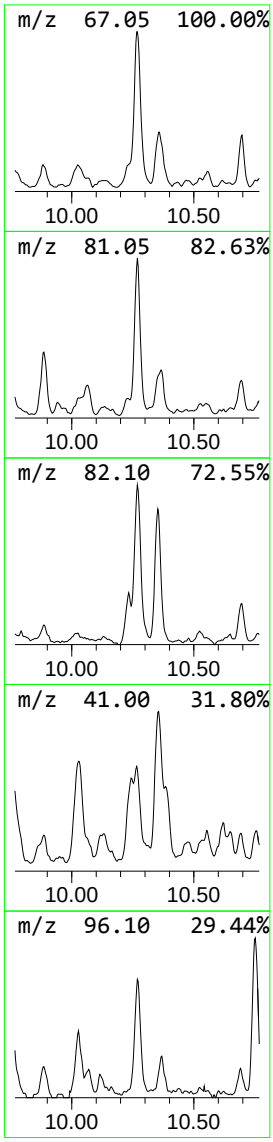
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Pentalene, octahydro-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.266	2.53 ug/L	291831	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	58
2	Cyclohexaneethanol, acetate	170	C10H18O2	021722-83-8	53
3	3,3-Tetramethyleneglutaric anhyd...	168	C9H12O3	005662-95-3	50
4	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	46
5	Cyclopentane, ethylidene-	96	C7H12	002146-37-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

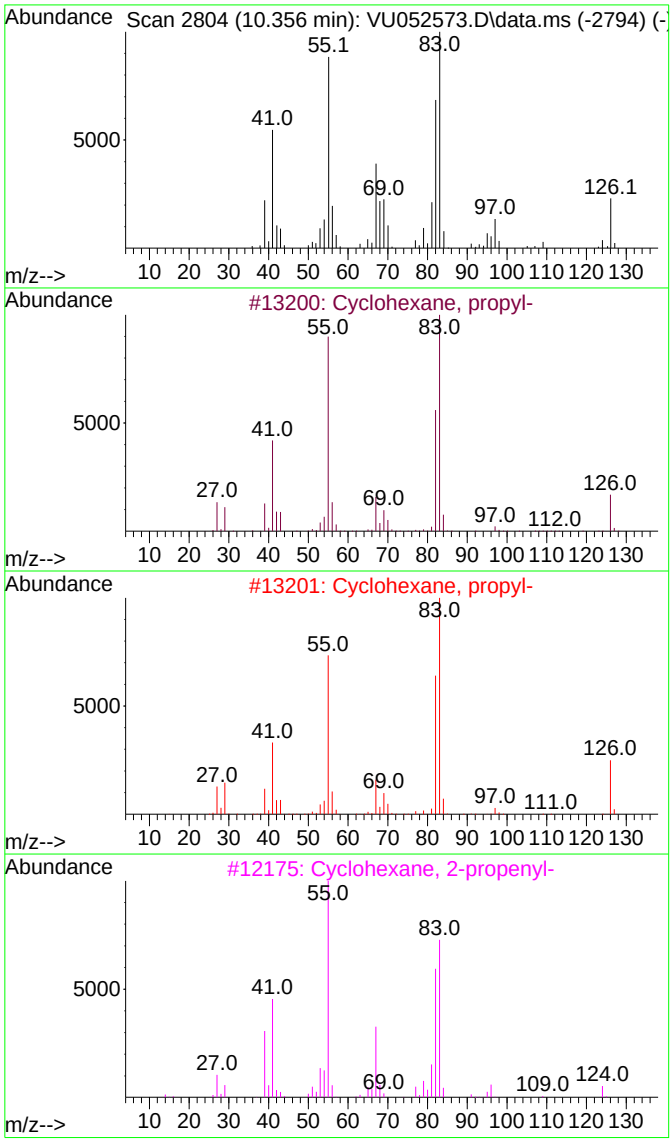
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

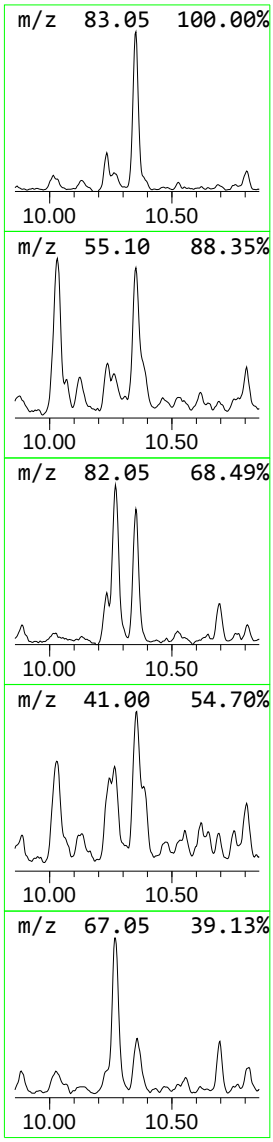
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Cyclic10.356 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.356	2.25 ug/L	259420	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	68
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	62
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	62
4	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	59
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

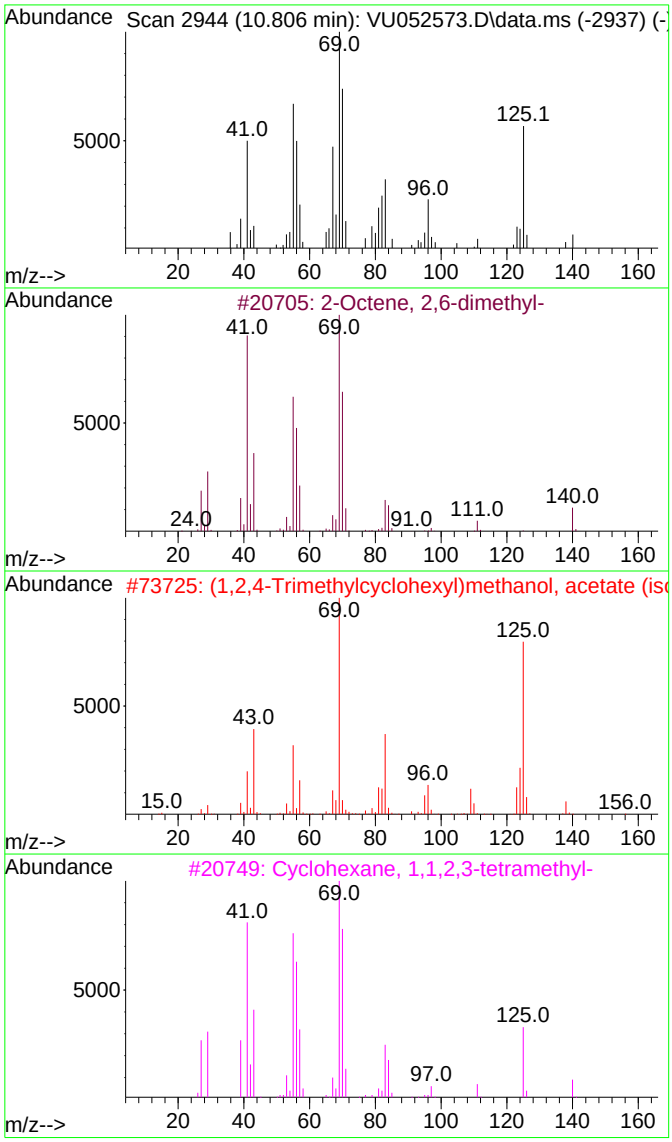
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

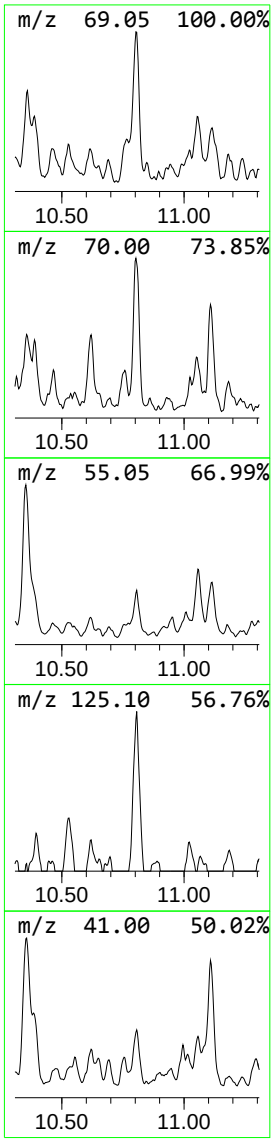
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.806	0.60 ug/L	76880	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	43
2	(1,2,4-Trimethylcyclohexyl)metha...	198	C12H22O2	1010499-04-6	38
3	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	38
4	Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	27
5	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

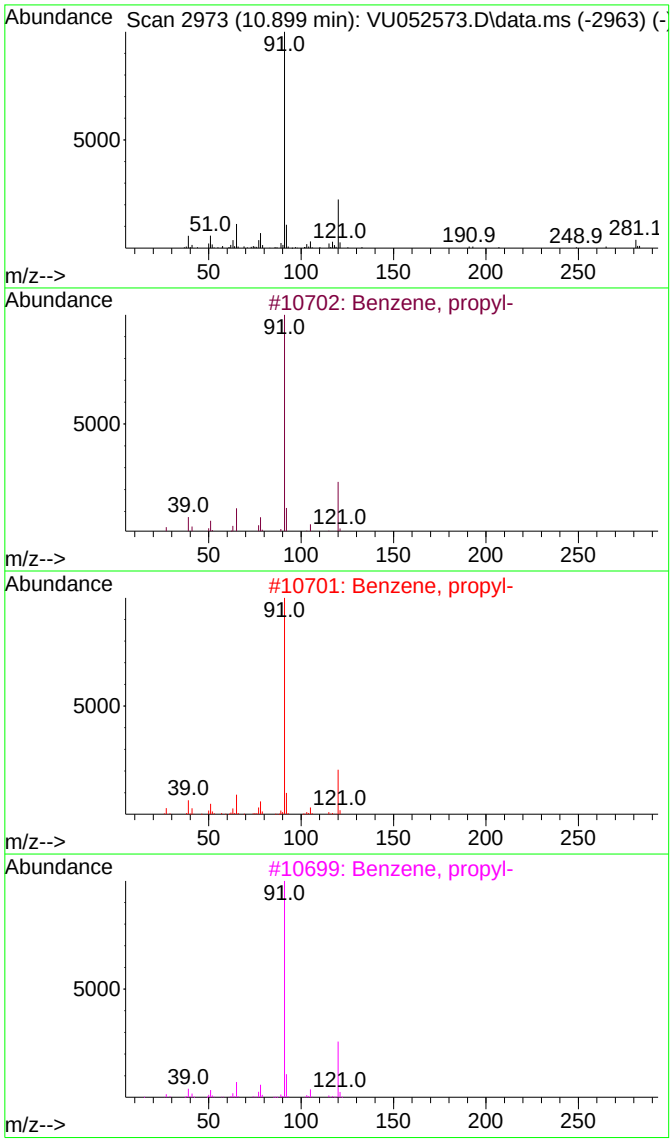
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

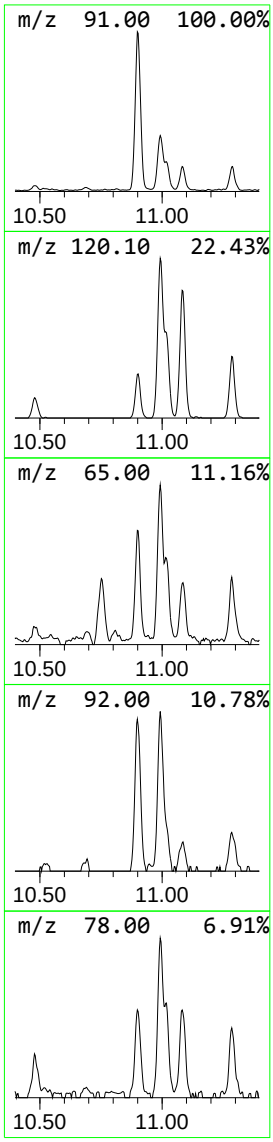
****

Peak Number 41 Benzene, propyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.899	0.94 ug/L	121030	1,4-Dichlorobenzene-d4	11.806

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	81
3	Benzene, propyl-	120	C9H12	000103-65-1	74
4	N-Butylbenzylamine	163	C11H17N	002403-22-7	64
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

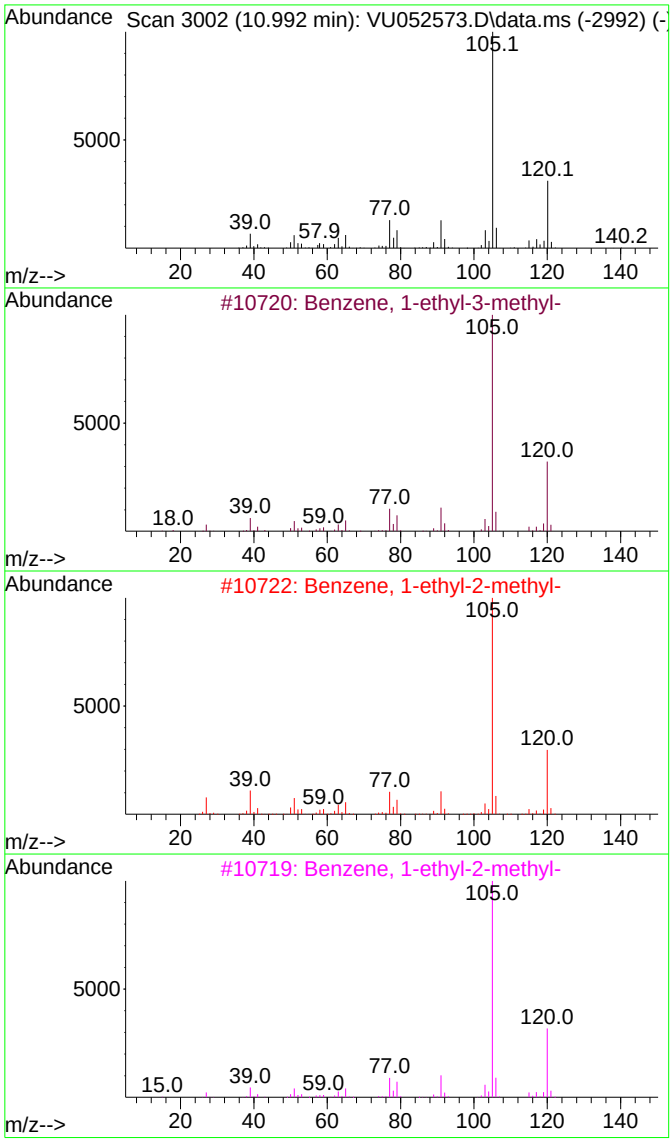
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

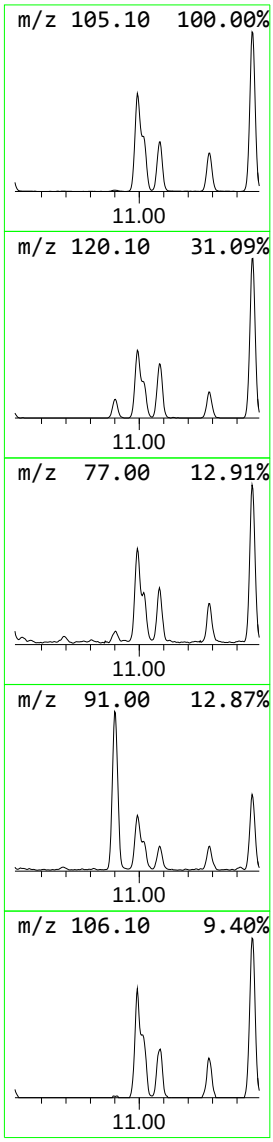
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.992	3.18 ug/L	409724	1,4-Dichlorobenzene-d4	11.806

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	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

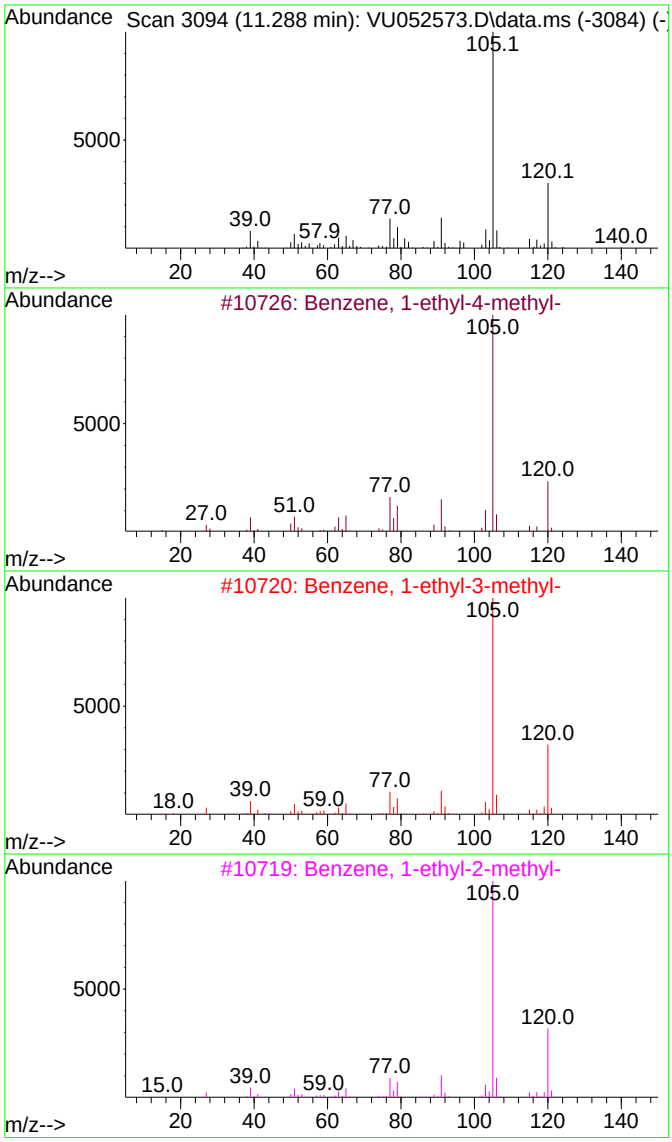
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

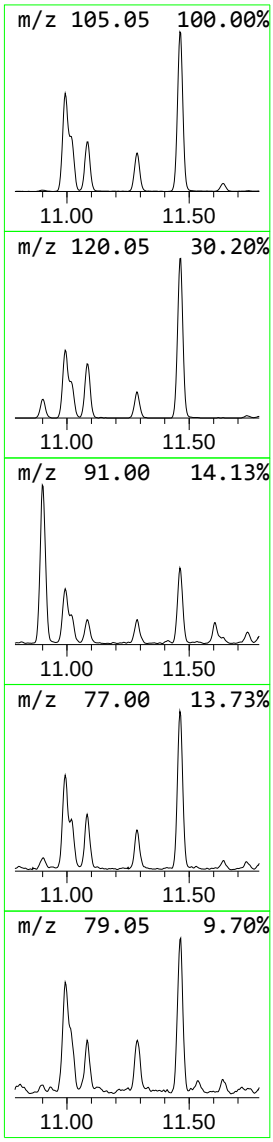
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzene, 1-ethyl-4-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.288	1.50 ug/L	193249	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

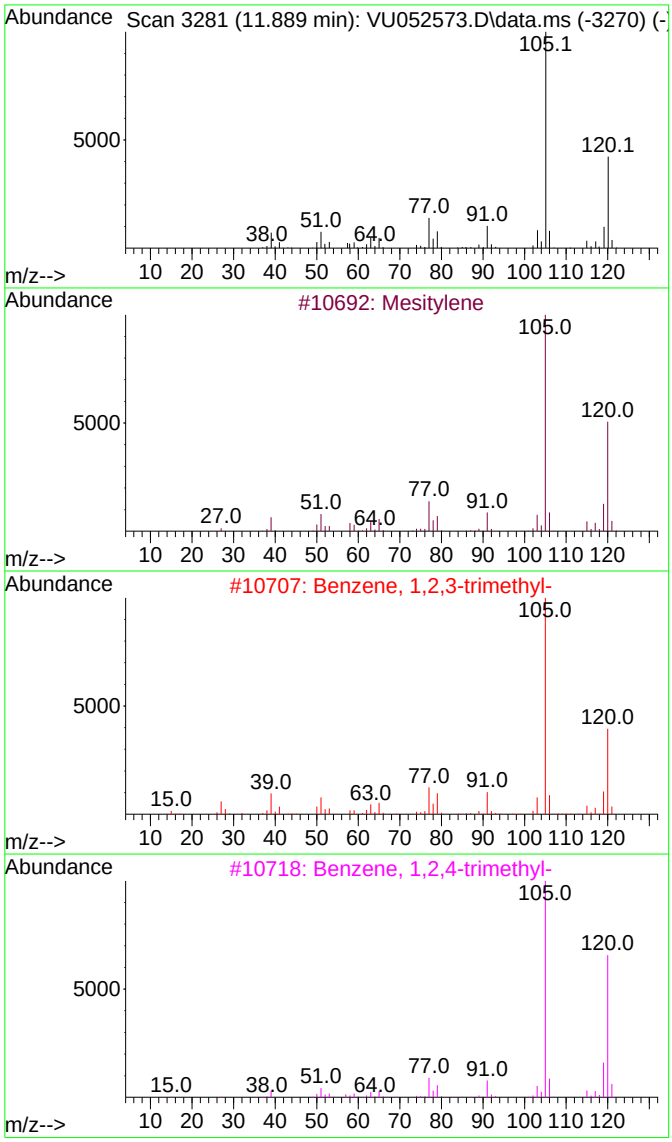
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

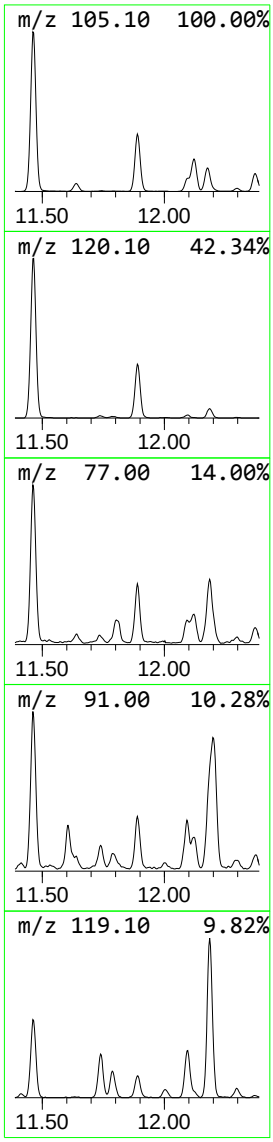
****

Peak Number 44 Benzene, 1,2,3-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.889	1.83 ug/L	236691	1,4-Dichlorobenzene-d4	11.806

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

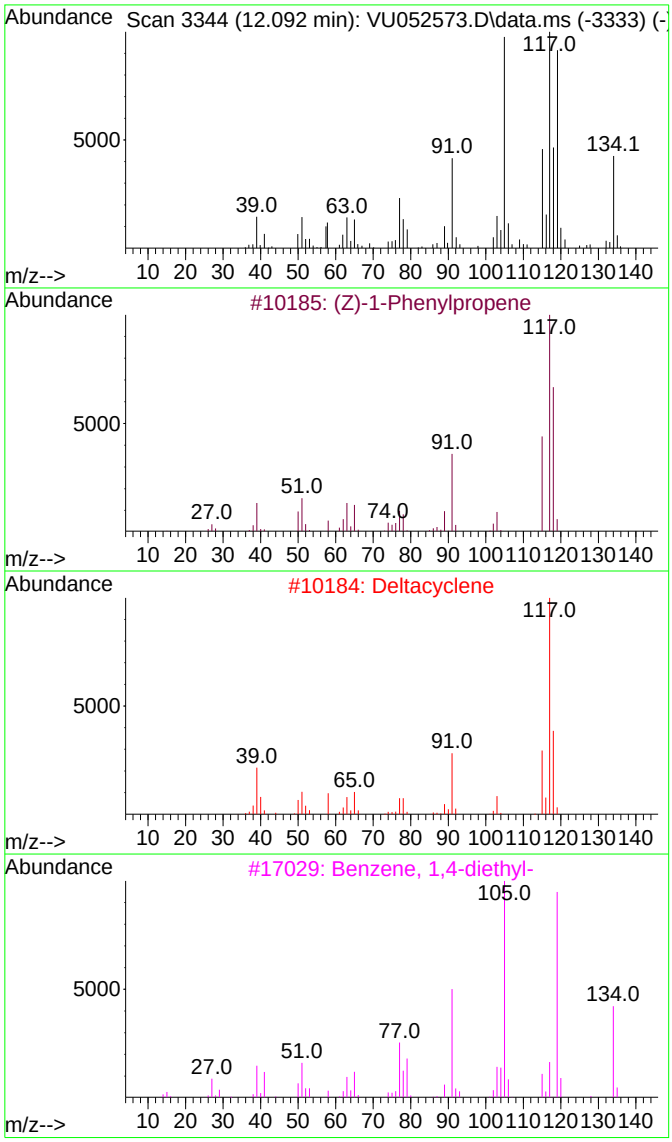
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

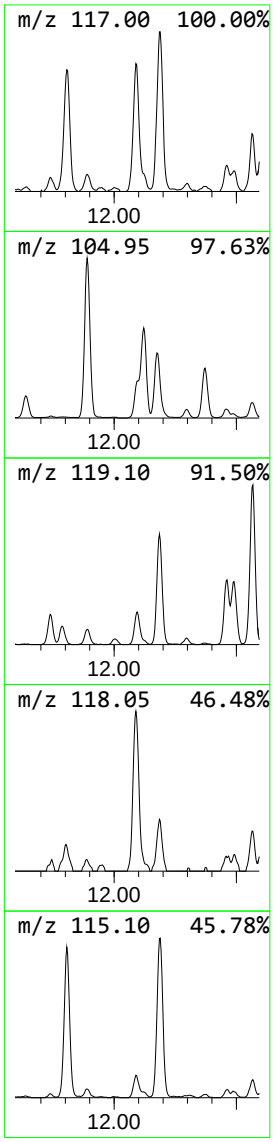
****

Peak Number 45 (Z)-1-Phenylpropene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	1.20 ug/L	154253	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	83
2	Deltacyclene	118	C9H10	007785-10-6	80
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	70
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	56
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

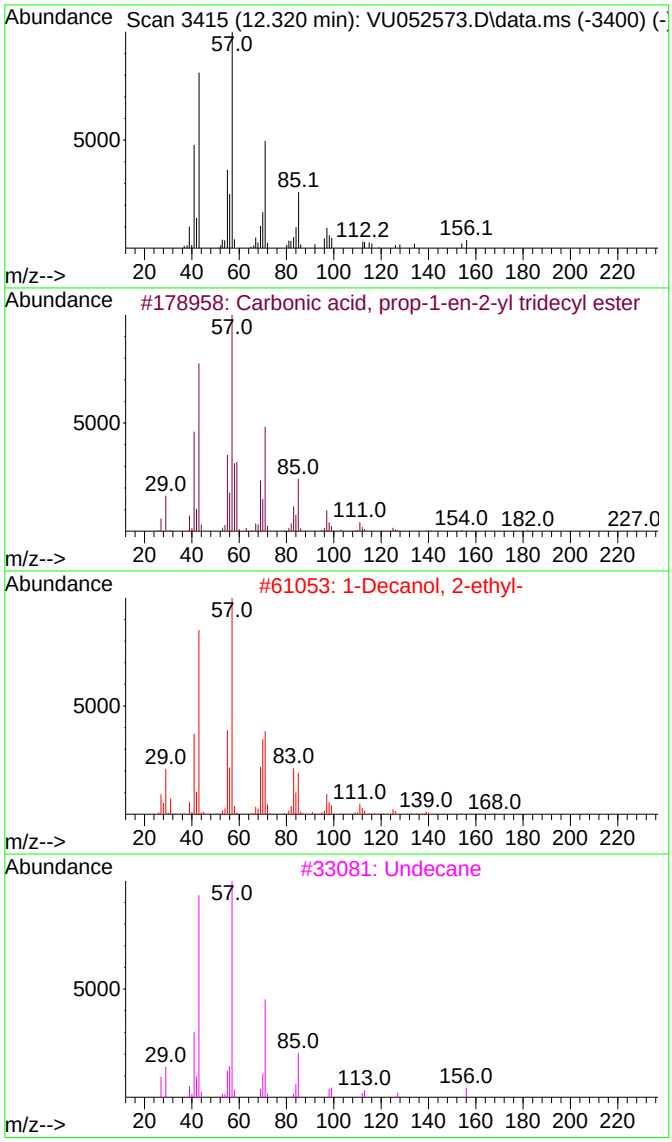
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

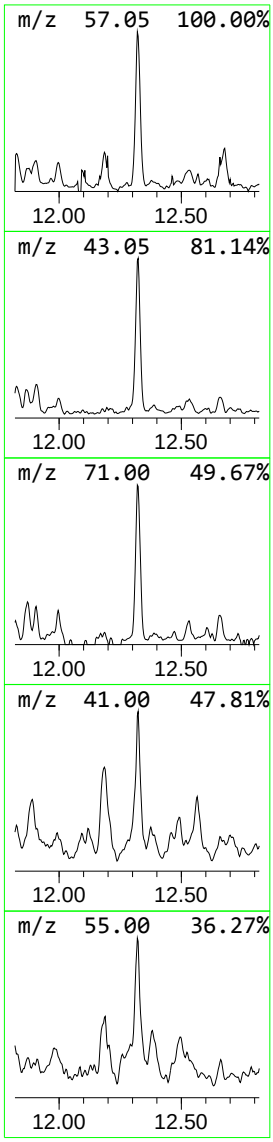
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Carbonic acid, prop-1-en-2-... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.320	0.63 ug/L	81699	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	91
2	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	86
3	Undecane	156	C11H24	001120-21-4	81
4	Undecane	156	C11H24	001120-21-4	81
5	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

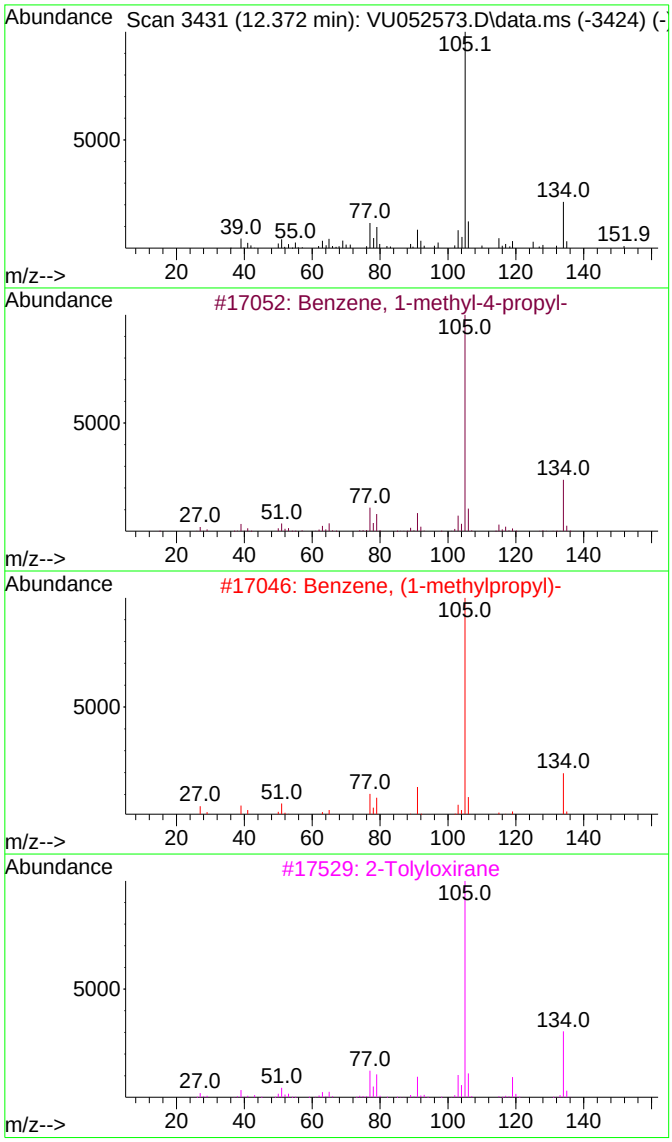
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

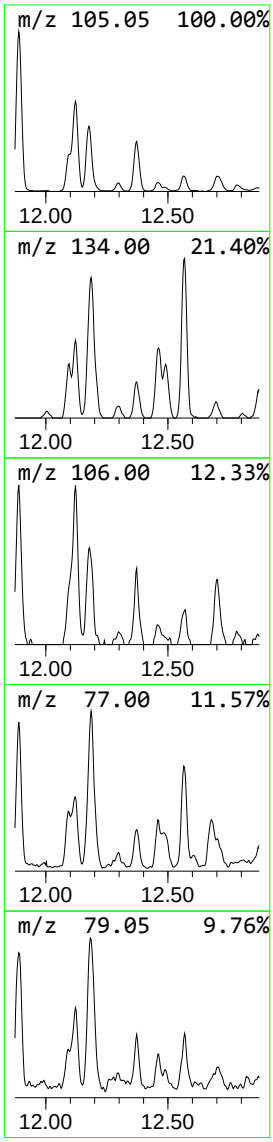
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzene, 1-methyl-4-propyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.372	0.65 ug/L	83830	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
3	2-Tolyloxirane	134	C9H10O	002783-26-8	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

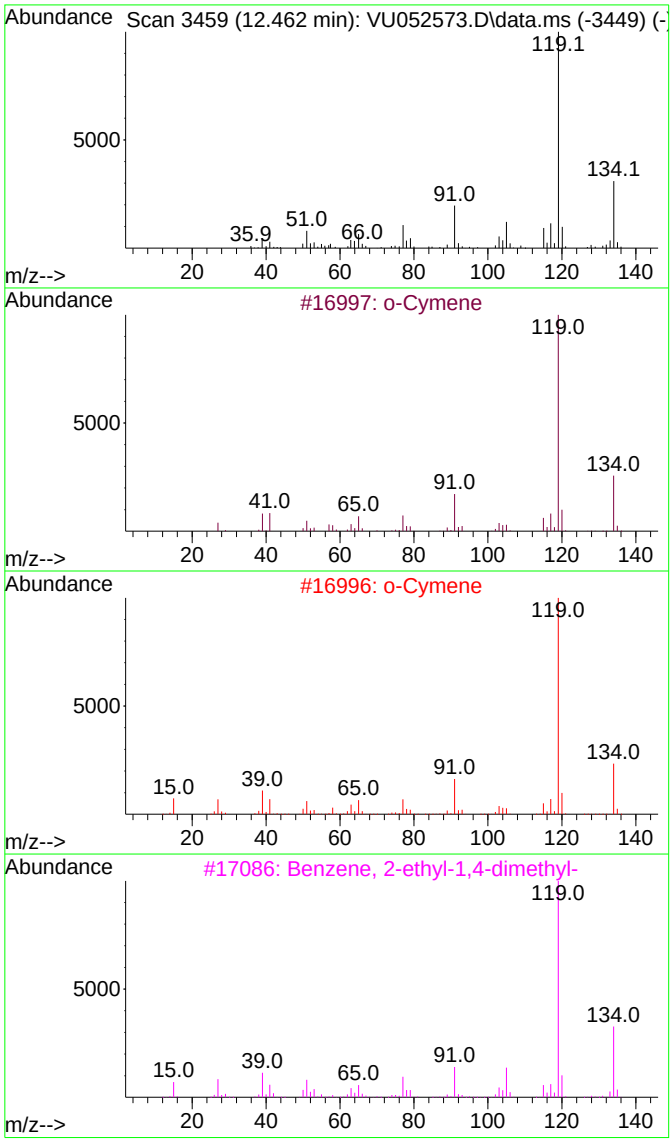
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

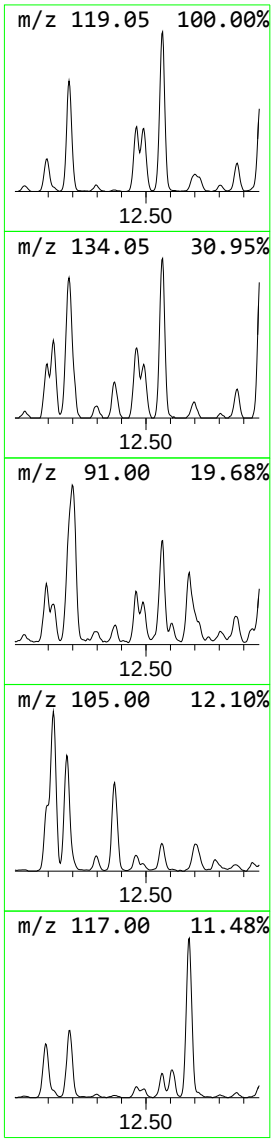
****

Peak Number 48 o-Cymene Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.462	0.79 ug/L	102079	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

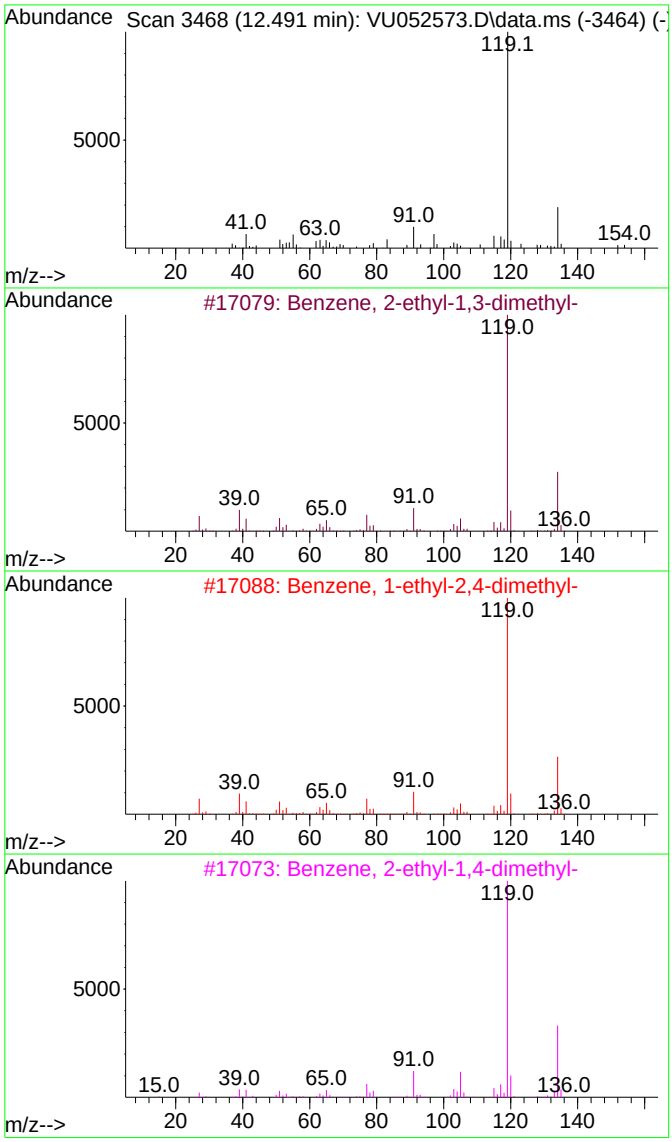
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

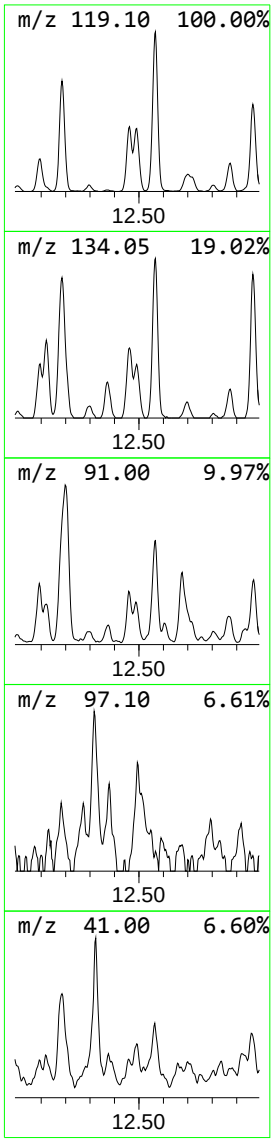
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.491	0.54 ug/L	69925	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	80
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	80
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	80
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	80
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

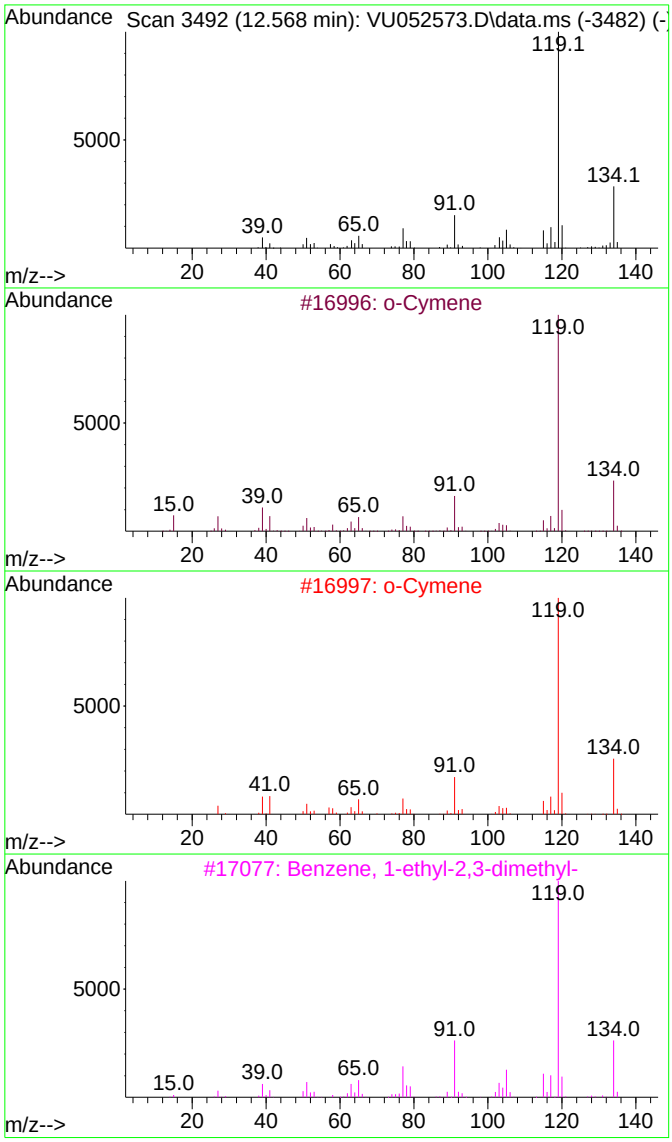
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

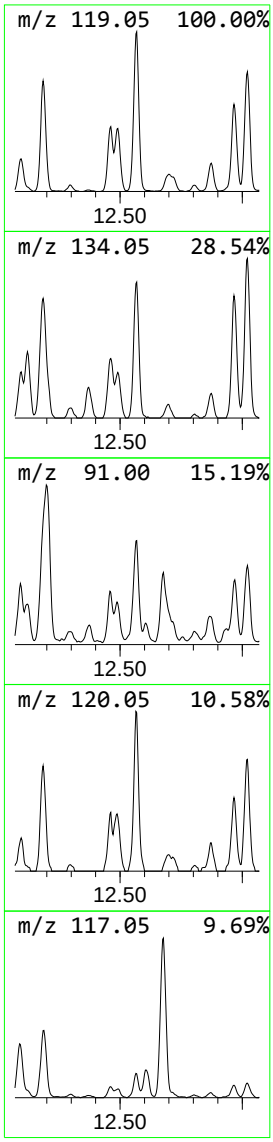
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.568	1.64 ug/L	211052	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

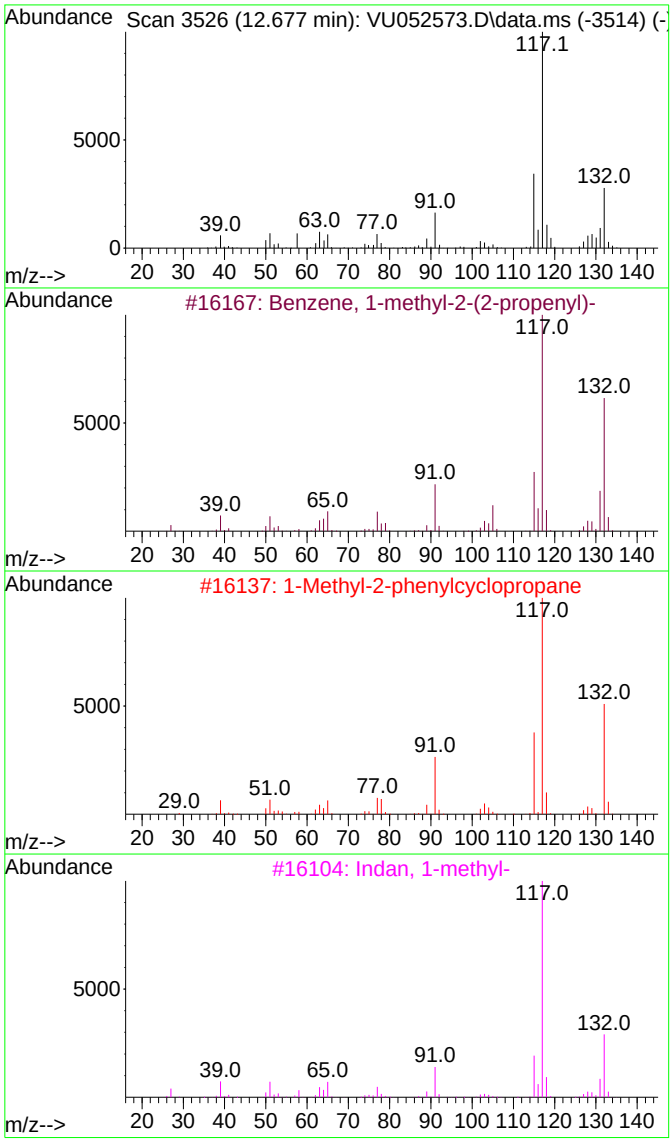
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

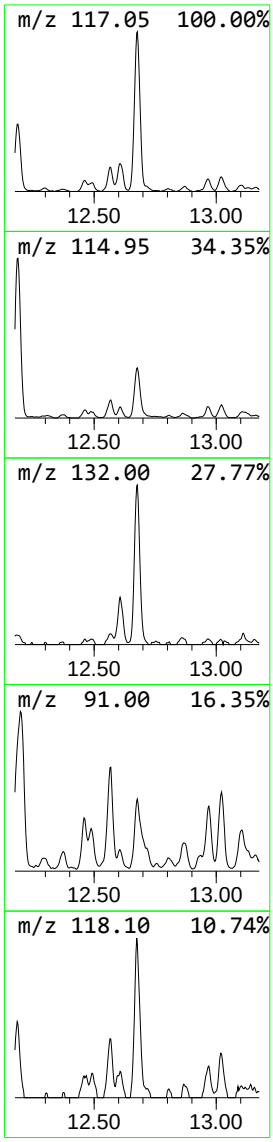
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Benzene, 1-methyl-2-(2-prop... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.677	2.05 ug/L	263843	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

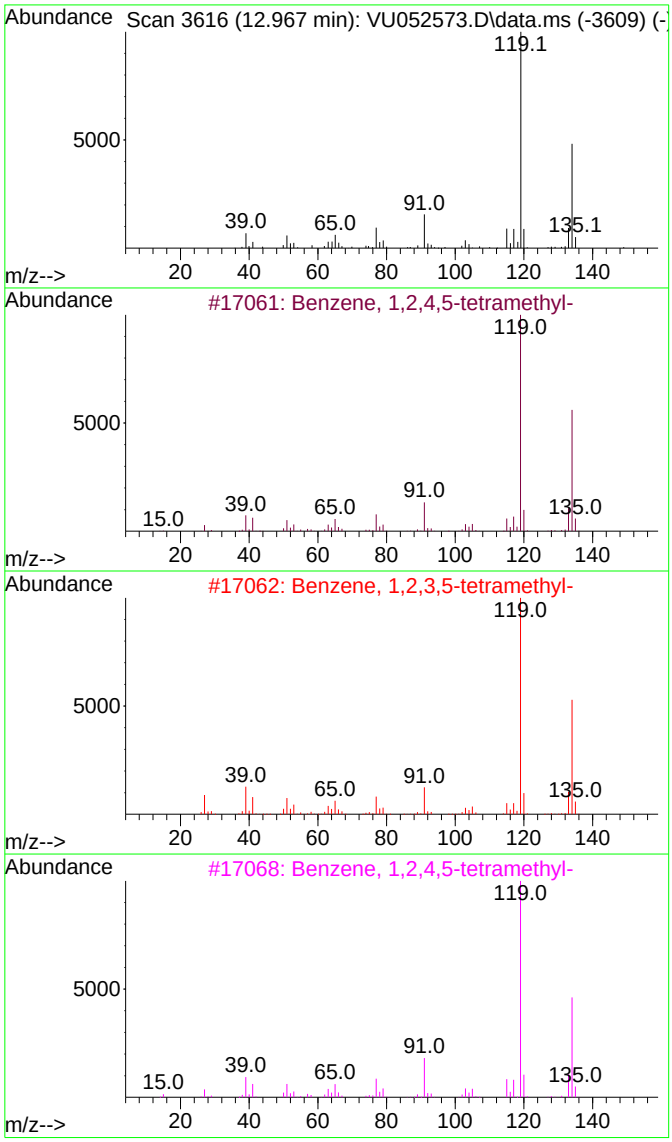
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

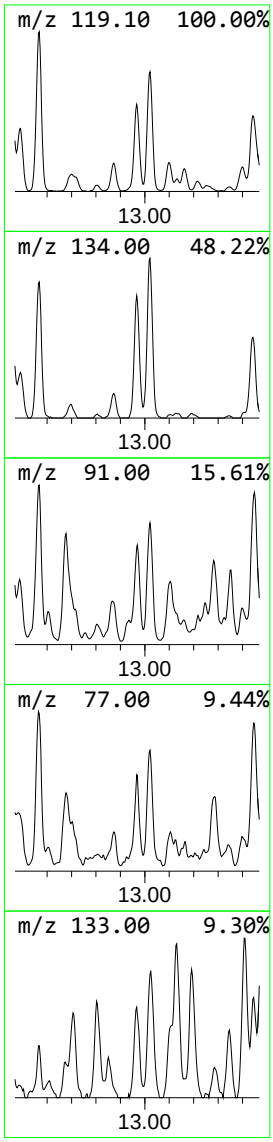
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.967	0.91 ug/L	117070	1,4-Dichlorobenzene-d4	11.806

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

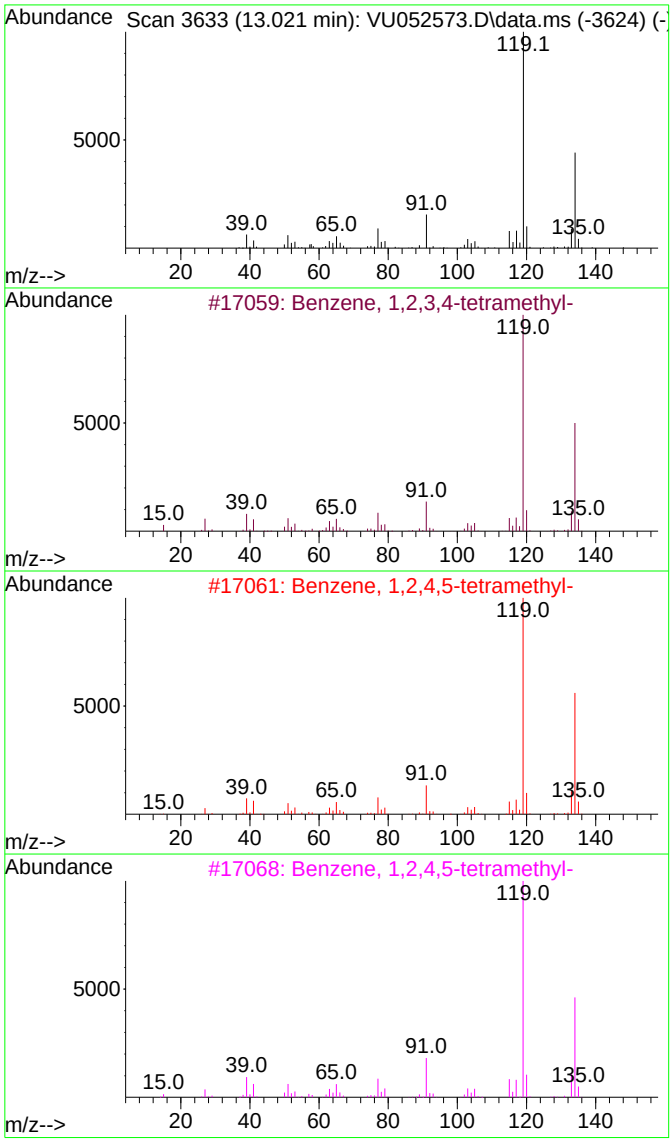
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

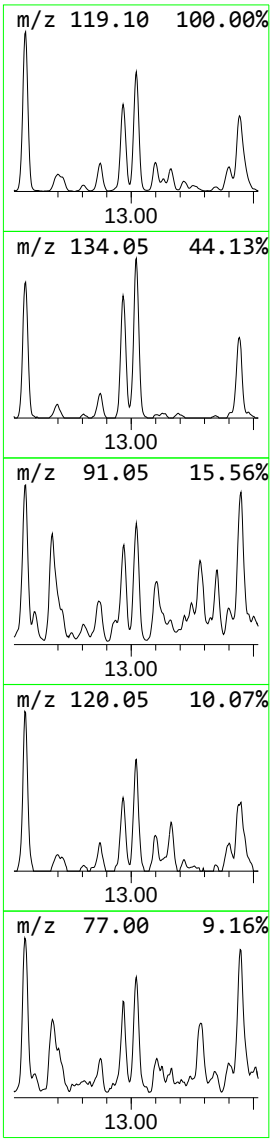
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.021	1.70 ug/L	218650	1,4-Dichlorobenzene-d4	11.806

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

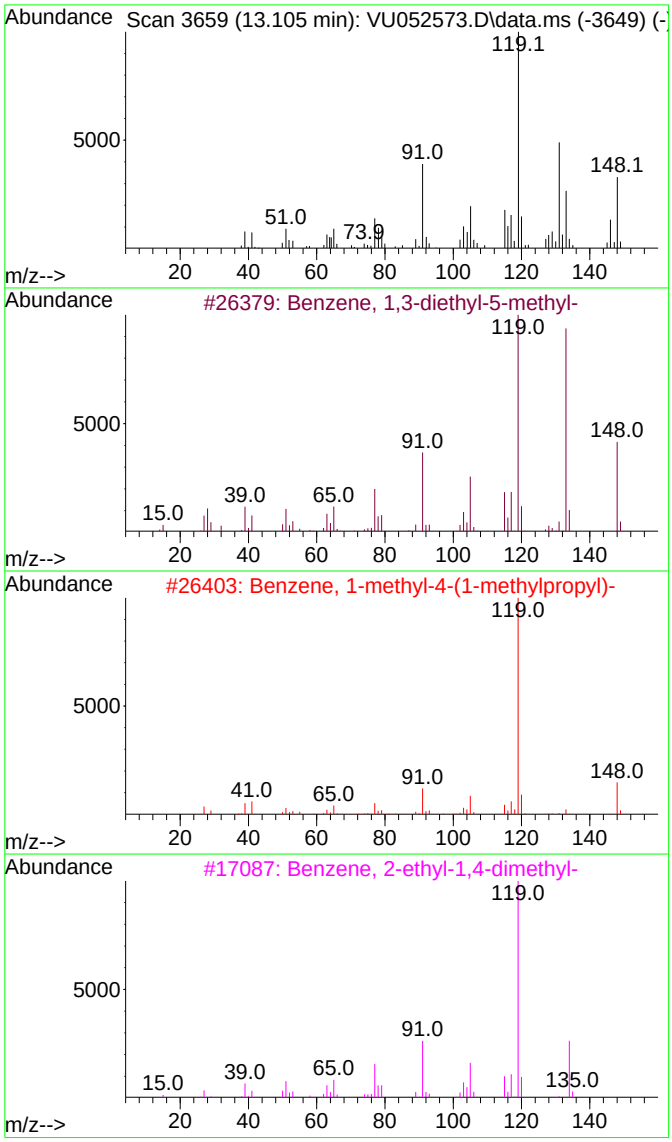
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

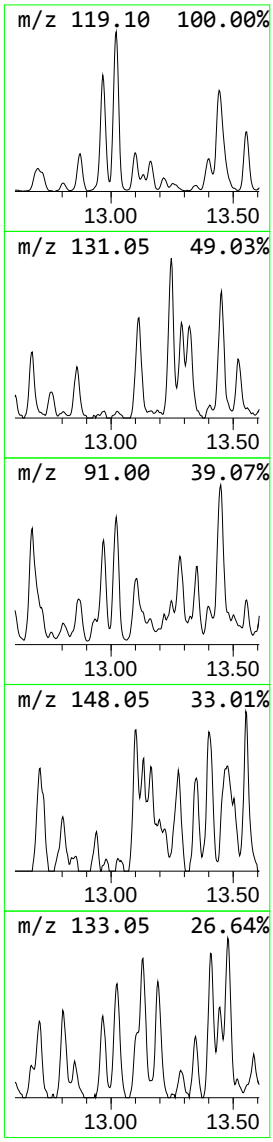
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.105	0.61 ug/L	78584	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	70
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

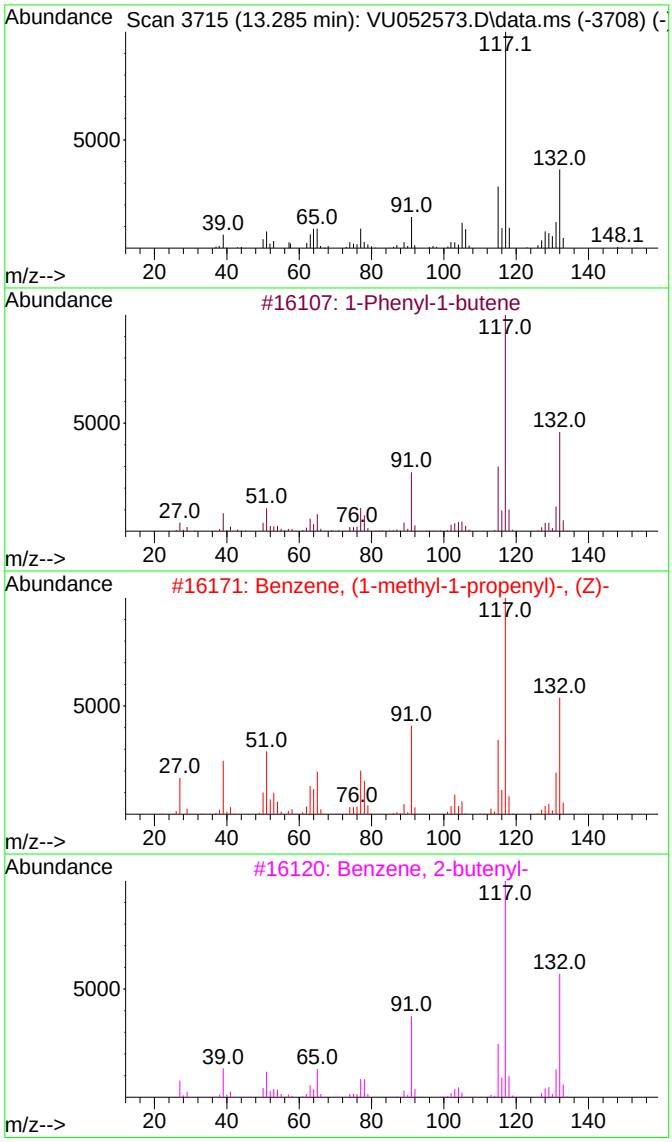
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

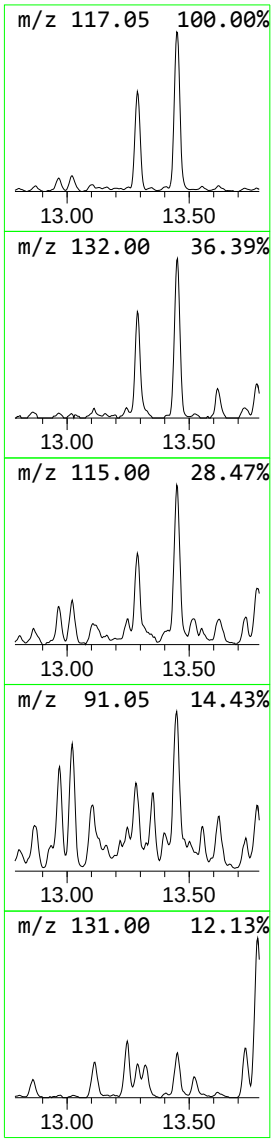
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 1-Phenyl-1-butene Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.285	0.92 ug/L	118483	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

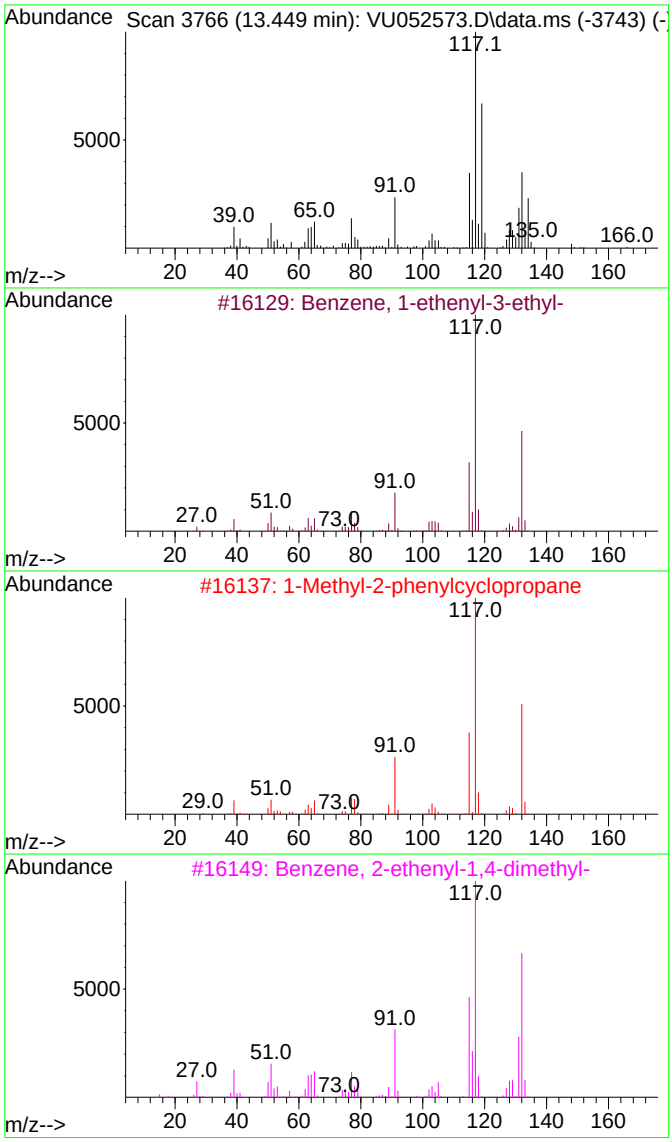
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

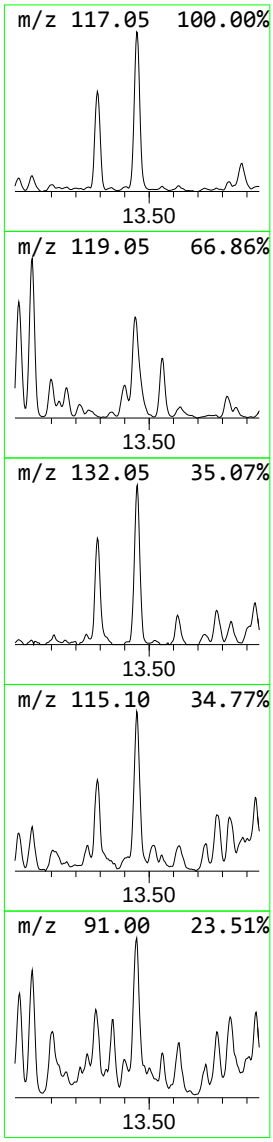
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	3.40 ug/L	438017	1,4-Dichlorobenzene-d4	11.806

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	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

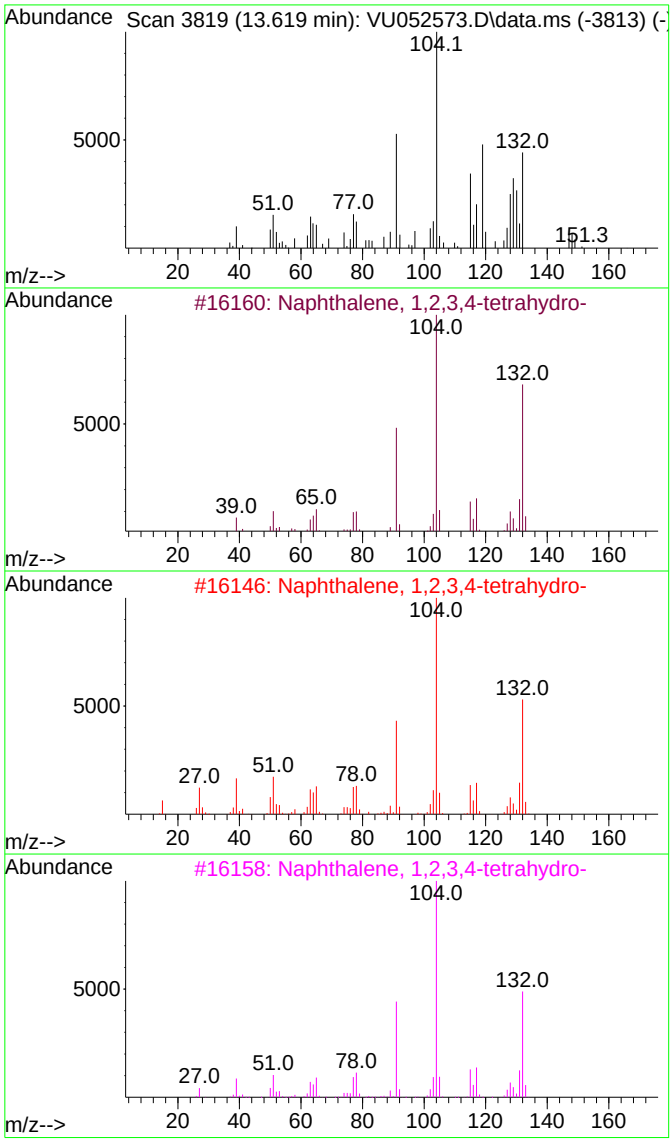
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

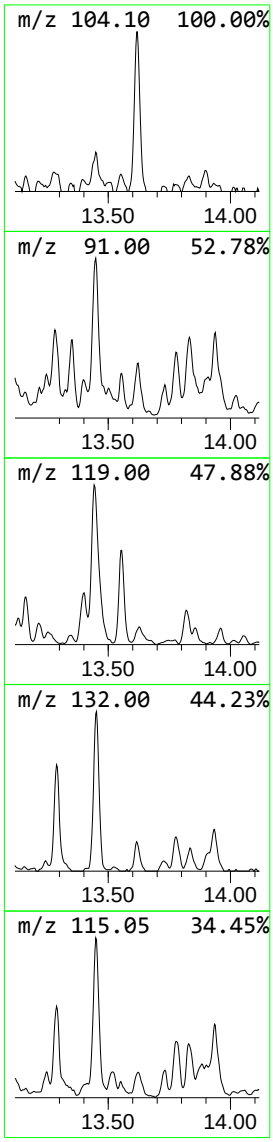
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.619	0.73 ug/L	94021	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	60
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

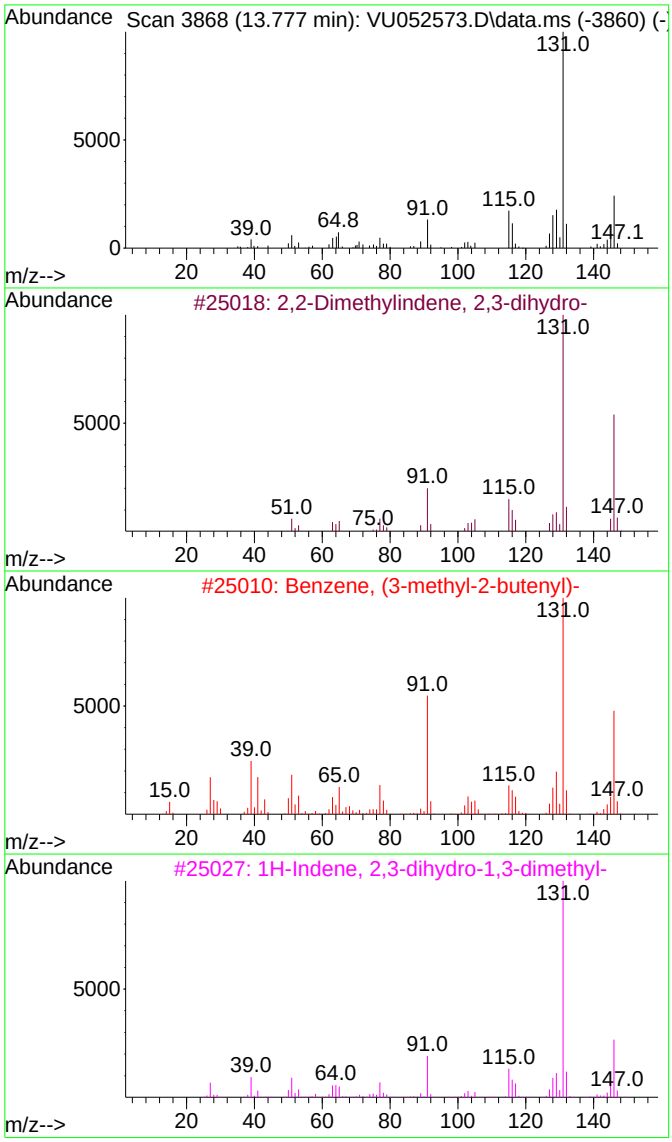
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

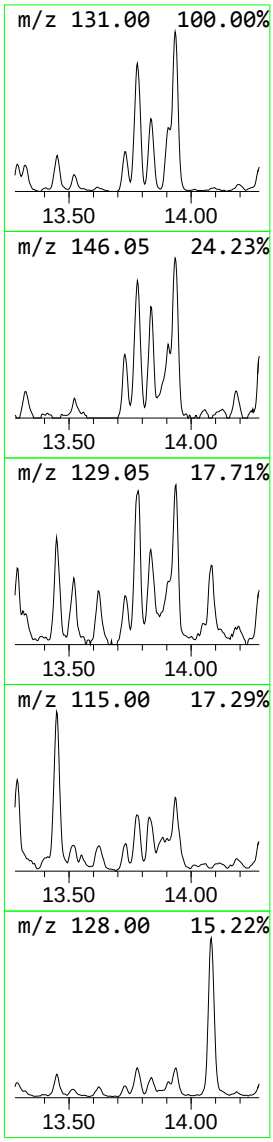
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 2,2-Dimethylindene, 2,3-dih... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.777	0.82 ug/L	106304	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

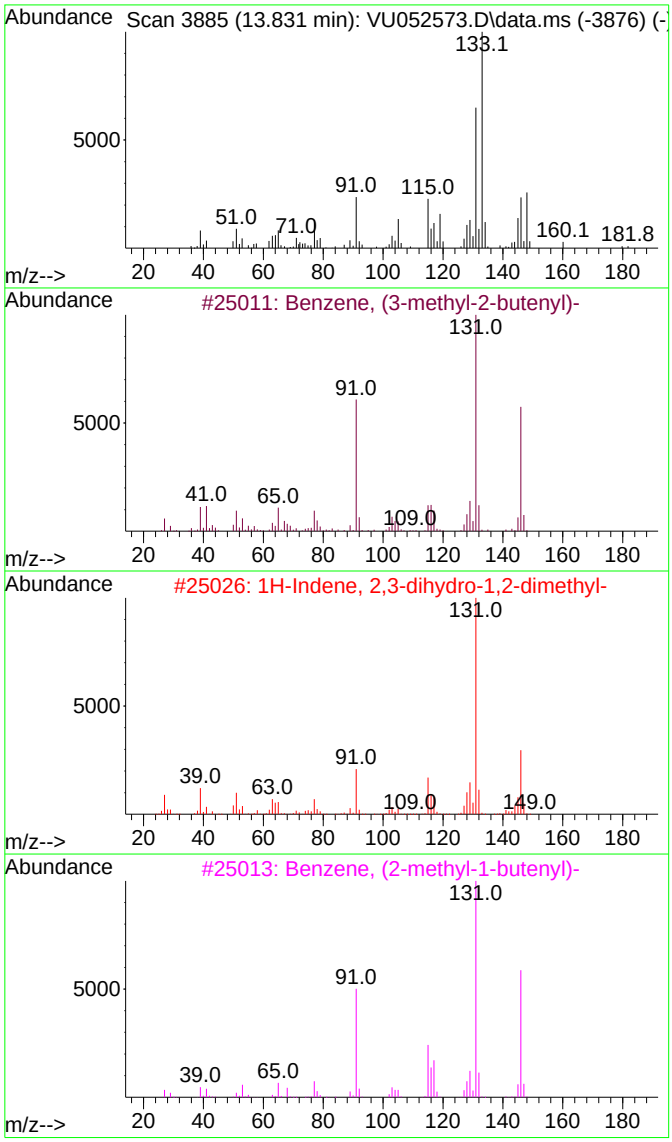
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

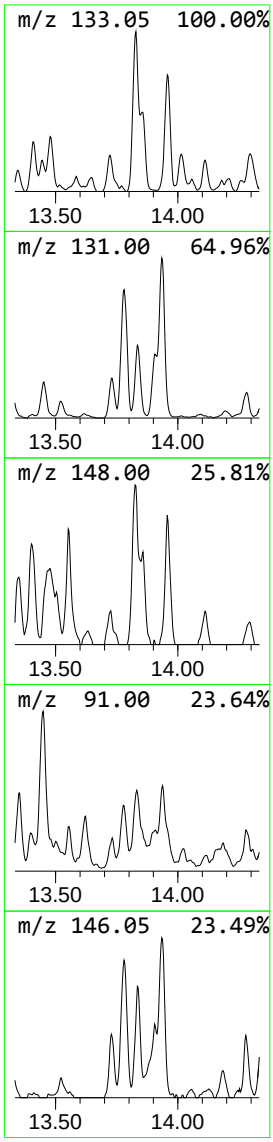
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Benzene, (3-methyl-2-butenyl)- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.832	1.20 ug/L	154568	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	80
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	80
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	60
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

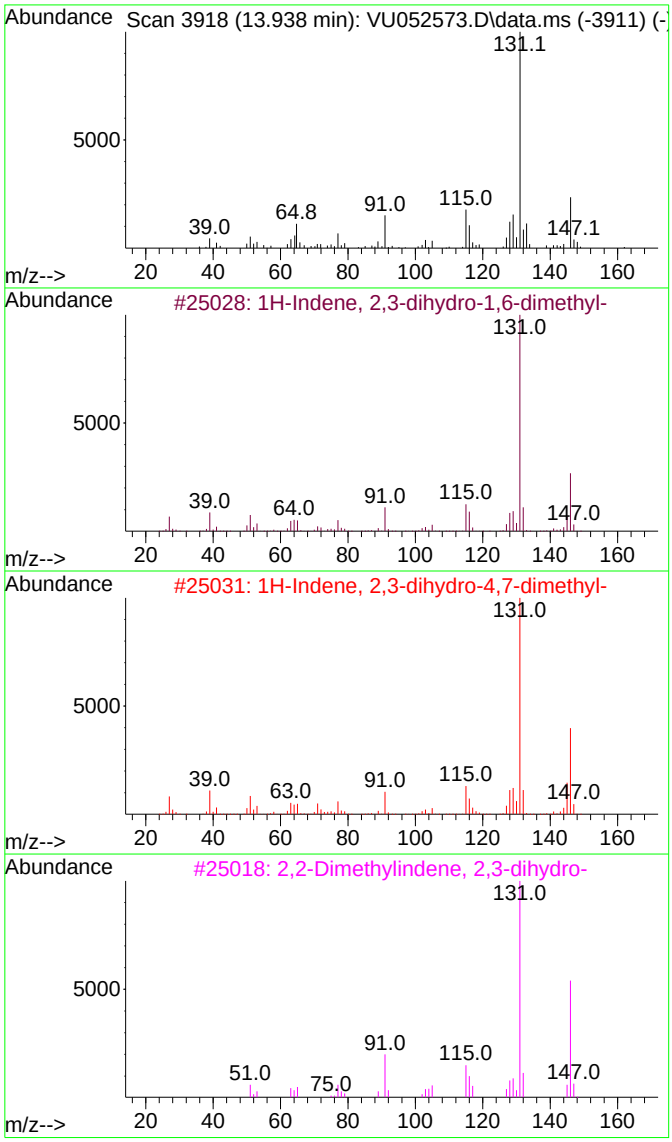
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

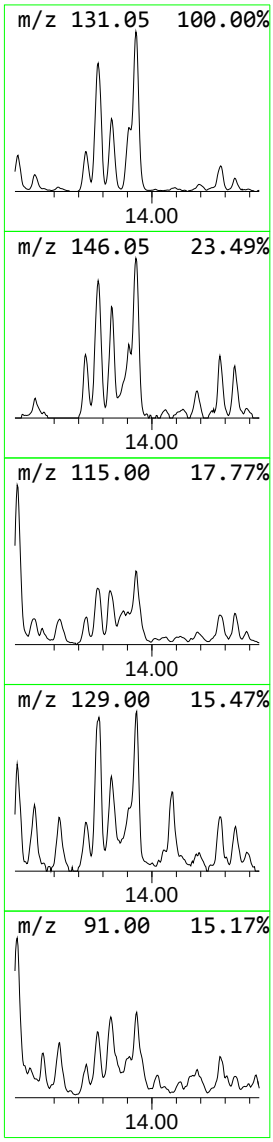
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.938	1.32 ug/L	170037	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

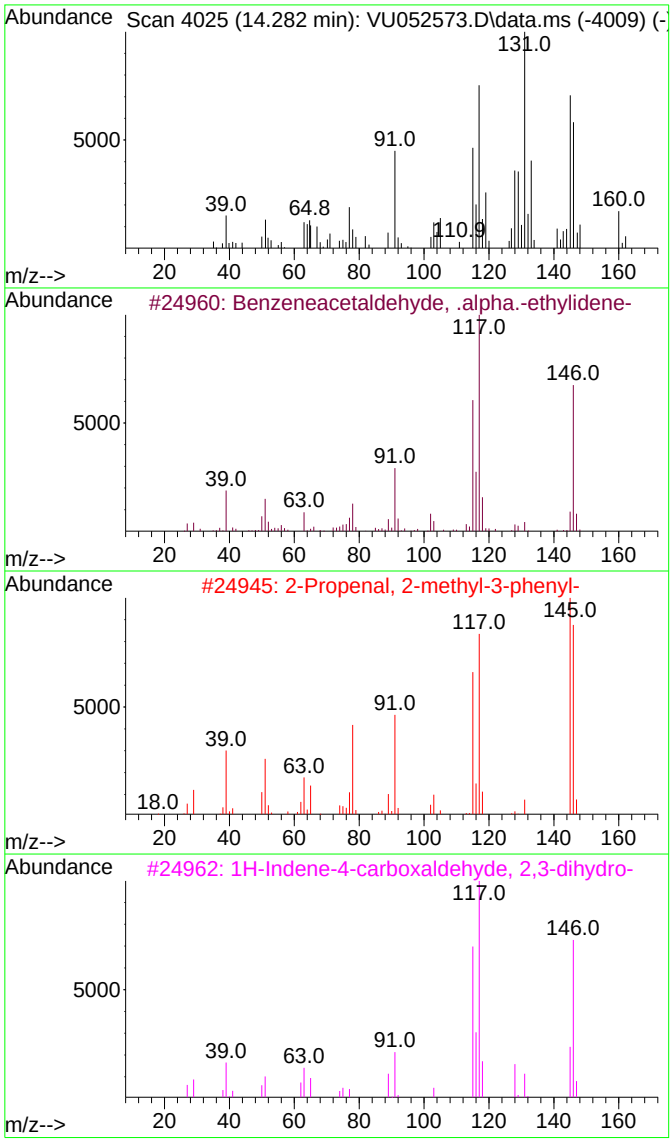
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

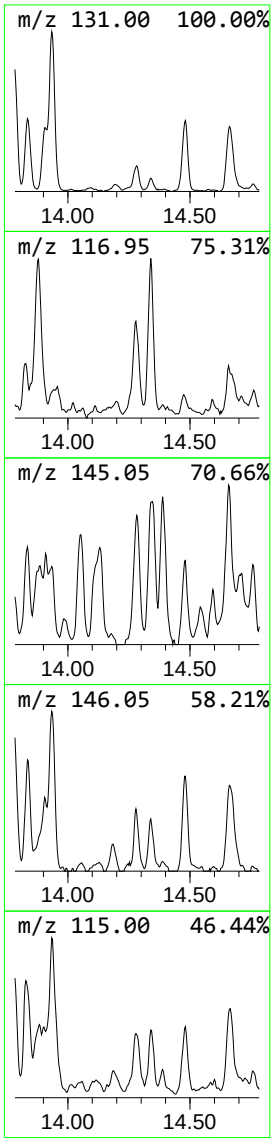
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Benzeneacetaldehyde, .alpha... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.282	0.77 ug/L	99183	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.-eth...	146	C10H10O	004411-89-6	83
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	50
3	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	50
4	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	50
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

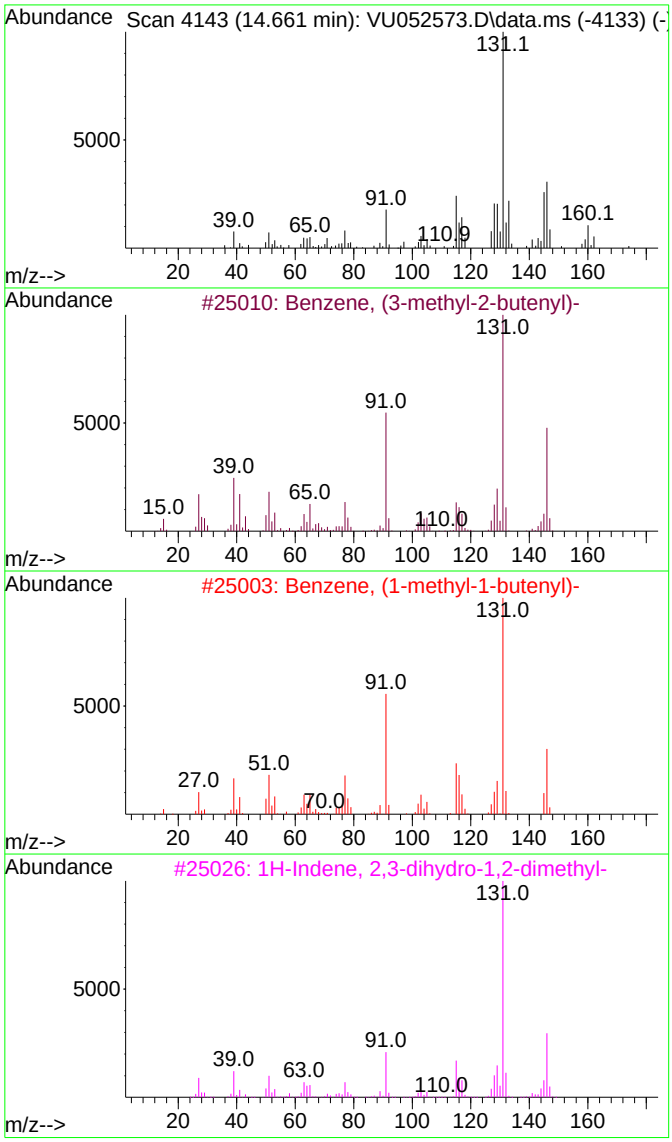
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

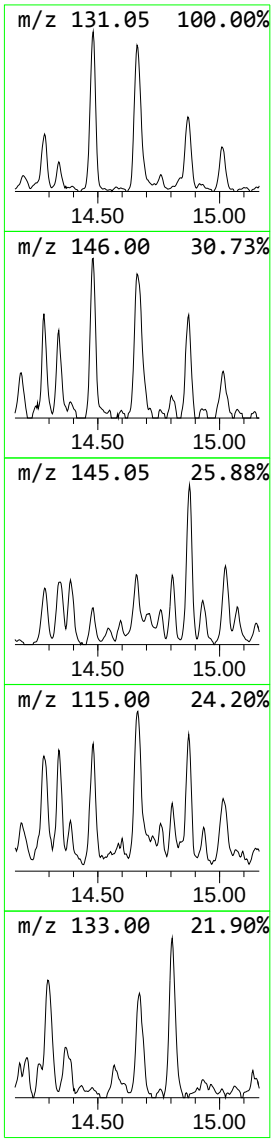
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 Benzene, (1-methyl-1-butenyl)- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.661	0.91 ug/L	117339	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	68
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	62
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.996	1.8	ug/L	174012	1	6.243	492514	5.0
(DEL) Alkane: S...	2.205	2.3	ug/L	221960	1	6.243	492514	5.0
(DEL) Alkane: S...	3.362	3.4	ug/L	337430	1	6.243	492514	5.0
(DEL) Alkane: S...	3.697	5.8	ug/L	574185	1	6.243	492514	5.0
(DEL) Alkane: C...	4.530	6.3	ug/L	615350	1	6.243	492514	5.0
(DEL) Alkane: S...	5.456	2.2	ug/L	217741	1	6.243	492514	5.0
(DEL) Alkane: S...	5.591	5.2	ug/L	512616	1	6.243	492514	5.0
(DEL) Alkane: C...	5.845	4.1	ug/L	407770	1	6.243	492514	5.0
(DEL) Alkane: C...	5.919	3.9	ug/L	384682	1	6.243	492514	5.0
(DEL) Alkane: C...	5.986	5.8	ug/L	571657	1	6.243	492514	5.0
(DEL) Alkane: S...	6.131	7.2	ug/L	705861	1	6.243	492514	5.0
Cyclohexene, 3-...	6.562	0.8	ug/L	74257	1	6.243	492514	5.0
(DEL) Alkane: S...	6.864	0.8	ug/L	82474	1	6.243	492514	5.0
(DEL) Alkane: C...	6.976	2.2	ug/L	213538	1	6.243	492514	5.0
(DEL) Alkane: C...	7.070	2.5	ug/L	250853	1	6.243	492514	5.0
(DEL) Alkane: C...	7.230	3.5	ug/L	341450	1	6.243	492514	5.0
Cyclobutane, (1...	7.394	0.9	ug/L	91818	1	6.243	492514	5.0
(DEL) Alkane: S...	7.494	2.4	ug/L	231577	1	6.243	492514	5.0
(DEL) Alkane: S...	7.655	1.5	ug/L	146119	1	6.243	492514	5.0
Cyclohexene, 1-...	7.758	1.7	ug/L	163302	1	6.243	492514	5.0
(DEL) Alkane: C...	8.021	1.8	ug/L	202189	2	9.414	576666	5.0
1,2-Cyclohexane...	8.092	0.7	ug/L	75669	2	9.414	576666	5.0
(DEL) Alkane: C...	8.240	4.0	ug/L	457657	2	9.414	576666	5.0
(DEL) Alkane: C...	8.365	1.8	ug/L	211254	2	9.414	576666	5.0
1,3-Dimethyl-1-...	8.407	0.8	ug/L	88719	2	9.414	576666	5.0
1H-Imidazole, 2...	8.800	1.4	ug/L	157706	2	9.414	576666	5.0
(DEL) Alkane: C...	8.861	2.9	ug/L	329312	2	9.414	576666	5.0
(DEL) Alkane: C...	8.922	2.7	ug/L	310489	2	9.414	576666	5.0
(DEL) Alkane: C...	9.066	1.3	ug/L	152596	2	9.414	576666	5.0
(DEL) Alkane: C...	9.163	1.2	ug/L	137571	2	9.414	576666	5.0
(DEL) Alkane: S...	9.208	1.0	ug/L	110495	2	9.414	576666	5.0
(DEL) Alkane: S...	9.330	1.6	ug/L	181128	2	9.414	576666	5.0
(DEL) Alkane: S...	9.742	3.0	ug/L	348105	2	9.414	576666	5.0
1-Ethynylcyclop...	9.880	0.6	ug/L	71019	2	9.414	576666	5.0
(DEL) Alkane: C...	10.028	1.8	ug/L	202272	2	9.414	576666	5.0
(DEL) Alkane: C...	10.121	0.6	ug/L	74317	2	9.414	576666	5.0
Pentalene, octa...	10.266	2.5	ug/L	291831	2	9.414	576666	5.0
(DEL) Alkane: C...	10.356	2.3	ug/L	259420	2	9.414	576666	5.0
(DEL) Alkane: S...	10.806	0.6	ug/L	76880	3	11.806	644962	5.0
Benzene, propyl-	10.899	0.9	ug/L	121030	3	11.806	644962	5.0
Benzene, 1-ethy...	10.992	3.2	ug/L	409724	3	11.806	644962	5.0
Benzene, 1-ethy...	11.288	1.5	ug/L	193249	3	11.806	644962	5.0
Benzene, 1,2,3-...	11.889	1.8	ug/L	236691	3	11.806	644962	5.0
(Z)-1-Phenylpro...	12.092	1.2	ug/L	154253	3	11.806	644962	5.0
Carbonic acid, ...	12.320	0.6	ug/L	81699	3	11.806	644962	5.0
Benzene, 1-meth...	12.372	0.7	ug/L	83830	3	11.806	644962	5.0
o-Cymene	12.462	0.8	ug/L	102079	3	11.806	644962	5.0
Benzene, 2-ethy...	12.491	0.5	ug/L	69925	3	11.806	644962	5.0
Benzene, 1-ethy...	12.568	1.6	ug/L	211052	3	11.806	644962	5.0
Benzene, 1-meth...	12.677	2.0	ug/L	263843	3	11.806	644962	5.0
Benzene, 1,2,4,...	12.967	0.9	ug/L	117070	3	11.806	644962	5.0
Benzene, 1,2,3,...	13.021	1.7	ug/L	218650	3	11.806	644962	5.0

Benzene, 1,3-di...	13.105	0.6	ug/L	78584	3	11.806	644962	5.0
1-Phenyl-1-butene	13.285	0.9	ug/L	118483	3	11.806	644962	5.0
Benzene, 1-ethe...	13.449	3.4	ug/L	438017	3	11.806	644962	5.0
Naphthalene, 1,...	13.619	0.7	ug/L	94021	3	11.806	644962	5.0
2,2-Dimethylind...	13.777	0.8	ug/L	106304	3	11.806	644962	5.0
Benzene, (3-met...	13.832	1.2	ug/L	154568	3	11.806	644962	5.0
1H-Indene, 2,3-...	13.938	1.3	ug/L	170037	3	11.806	644962	5.0
Benzeneacetalde...	14.282	0.8	ug/L	99183	3	11.806	644962	5.0
Benzene, (1-met...	14.661	0.9	ug/L	117339	3	11.806	644962	5.0

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL