LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

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\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU059807.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.470	49	56	68	rBV2	35782	45290	5.04%	0.555%
2	1.596	86	95	103	rBV2	74725	86975	9.69%	1.066%
3	1.644	103	110	119	rVB	44812	53831	6.00%	0.660%
4	1.907	182	192	209	rVB	53703	75617	8.42%	0.927%
5	1.988	209	217	226	rVB2	8312	11358	1.26%	0.139%
6	2.377	327	338	348	rBV	11628	20604	2.29%	0.253%
7	2.589	384	404	434	rBV2	244536	628844	70.03%	7.708%
8	2.972	510	523	530	rBV6	5335	12651	1.41%	0.155%
9	3.036	530	543	562	rVB2	56066	118652	13.21%	1.454%
10	3.358	629	643	657	rBV4	10298	23246	2.59%	0.285%
11	4.284	918	931	945	rVB7	3485	9813	1.09%	0.120%
12	4.422	965	974	991	rVB5	6518	16720	1.86%	0.205%
13	4.624	1018	1037	1065	rBV	77787	225947	25.16%	2.770%
14	4.962	1132	1142	1156	rBV3	4721	10400	1.16%	0.127%
15	5.055	1156	1171	1184	rVV	91868	205362	22.87%	2.517%
16	5.120	1186	1191	1220	rVB7	17396	42890	4.78%	0.526%
17	5.454	1280	1295	1313	rVB4	14934	35414	3.94%	0.434%
18	5.718	1358	1377	1389	rBV2	182343	479376	53.39%	5.876%
19	5.891	1419	1431	1454	rVB2	58609	139597	15.55%	1.711%
20	6.242	1528	1540	1563	rBV	180679	350665	39.05%	4.298%
21	6.685	1663	1678	1702	rBV	112422	232221	25.86%	2.846%
22	7.068	1783	1797	1808	rBV3	8838	17051	1.90%	0.209%
23	7.248	1838	1853	1868	rVB3	34168	74007	8.24%	0.907%
24	7.373	1879	1892	1910	rBV4	61342	130023	14.48%	1.594%
25	7.560	1938	1950	1965	rBV	54822	107455	11.97%	1.317%
26	7.830	2022	2034	2040	rBV6	6063	11913	1.33%	0.146%
27	7.891	2042	2053	2077	rVB	229266	412709	45.96%	5.059%
28	8.039	2088	2099	2107	rBV5	6422	12004	1.34%	0.147%
29	8.174	2128	2141	2152	rBV2	39723	70717	7.88%	0.867%
30	8.238	2152	2161	2163	rBV4	10050	12924	1.44%	0.158%
31	8.550	2247	2258	2272	rBV4	13193	22284	2.48%	0.273%
32	8.627	2272	2282	2322	rBV	245293	478131	53.25%	5.861%
33	8.804	2327	2337	2352	rVB	5205	12669	1.41%	0.155%
34	9.412	2513	2526	2548	rBV	271335	452658	50.41%	5.548%
35	9.689	2597	2612	2628	rBV	11728	26204	2.92%	0.321%
36	10.097	2732	2739	2754	rVB3	9491	17587	1.96%	0.216%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

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\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

37	10.479	2842	2858	2870	rBV	100175	158699	17.67%	1.945%
38	10.750	2931	2942	2954	rVV	97889	165279	18.41%	2.026%
39	10.801	2954	2958	2967	rVB5	7501	10422	1.16%	0.128%
40	11.412	3138	3148	3158	rBV2	17002	27263	3.04%	0.334%
41	11.637	3194	3218	3236	rBV	131713	237174	26.41%	2.907%
42	11.807	3259	3271	3288	rBV	272648	447381	49.83%	5.484%
43	11.891	3288	3297	3313	rVB2	24361	39181	4.36%	0.480%
44	12.004	3321	3332	3346	rBV	51938	79486	8.85%	0.974%
45	12.187	3377	3389	3415	rVB	222690	380966	42.43%	4.670%
46	12.312	3417	3428	3440	rVB4	7994	14991	1.67%	0.184%
47	12.676	3530	3541	3559	rVV	560496	897900	100.00%	11.006%
48	12.756	3560	3566	3580	rVB6	11854	19450	2.17%	0.238%
49	12.859	3588	3598	3614	rVB2	39821	65167	7.26%	0.799%
50	12.968	3614	3632	3644	rVV	83390	144134	16.05%	1.767%
51	13.113	3667	3677	3689	rVB	19698	29664	3.30%	0.364%
52	13.245	3709	3718	3729	rVV2	33633	51042	5.68%	0.626%
53	13.322	3733	3742	3752	rVB2	14272	22346	2.49%	0.274%
54	13.447	3771	3781	3796	rVB3	7778	13926	1.55%	0.171%
55	13.524	3796	3805	3816	rBV4	13018	19275	2.15%	0.236%
56	13.624	3828	3836	3848	rVB5	7708	12354	1.38%	0.151%
57	13.778	3874	3884	3893	rVV2	46097	83745	9.33%	1.026%
58	13.830	3893	3900	3906	rVV2	11371	17236	1.92%	0.211%
59	13.904	3906	3923	3926	rVV3	31447	62411	6.95%	0.765%
60	13.936	3927	3933	3948	rVB	63699	99166	11.04%	1.216%
61	14.081	3959	3978	4002	rBV	122586	215236	23.97%	2.638%
62	14.203	4002	4016	4029	rVV	52557	101339	11.29%	1.242%
63	14.280	4033	4040	4052	rVB3	14864	23630	2.63%	0.290%
64	14.878	4216	4226	4234	rVB4	6968	10660	1.19%	0.131%
65	15.171	4306	4317	4325	rBV2	7872	12730	1.42%	0.156%
66	15.415	4382	4393	4405	rBV5	6599	12284	1.37%	0.151%

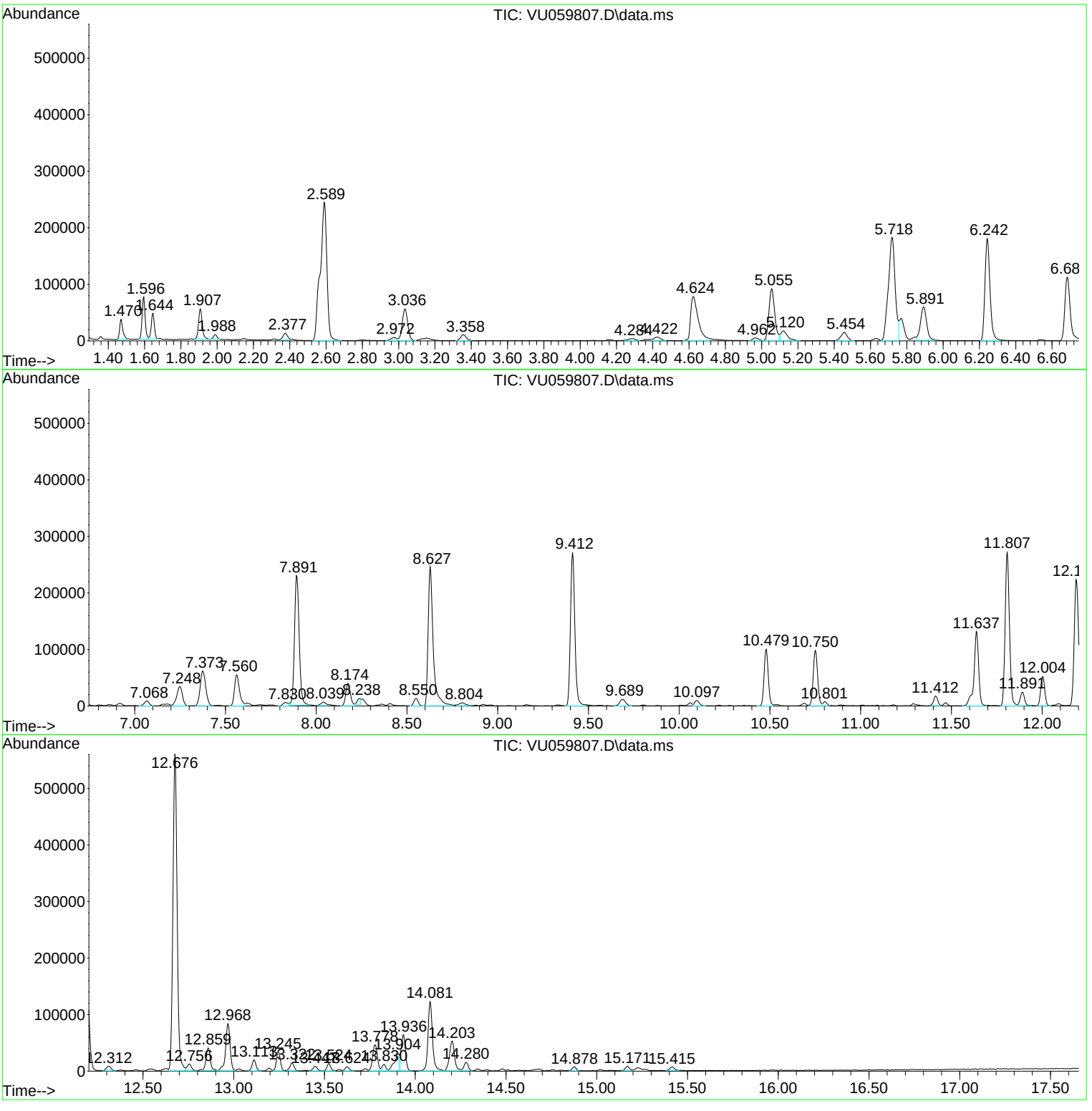
Sum of corrected areas: 8158346

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.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\VU070324\
Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

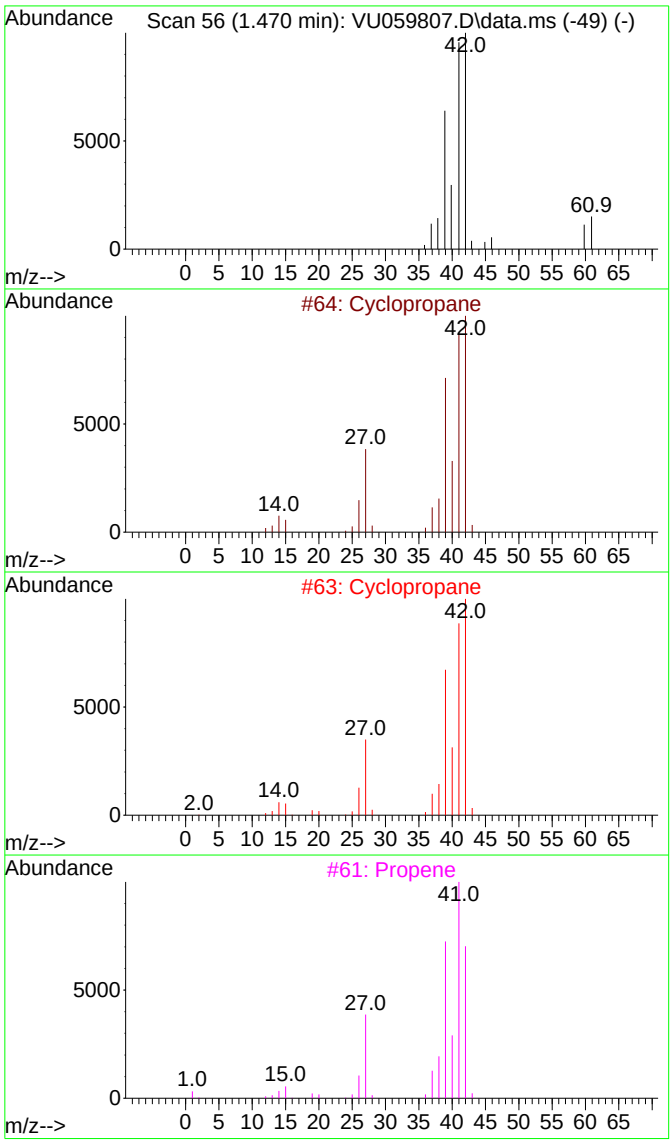
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

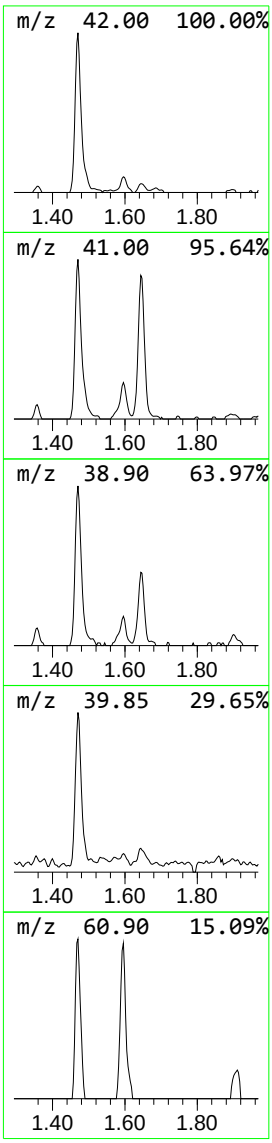
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic1.470 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.470	0.65 ug/L	45290	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane	42	C3H6	000075-19-4	80
2	Cyclopropane	42	C3H6	000075-19-4	80
3	Propene	42	C3H6	000115-07-1	72
4	Cyclopropane	42	C3H6	000075-19-4	50
5	Methylenecyclopropane	54	C4H6	006142-73-0	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

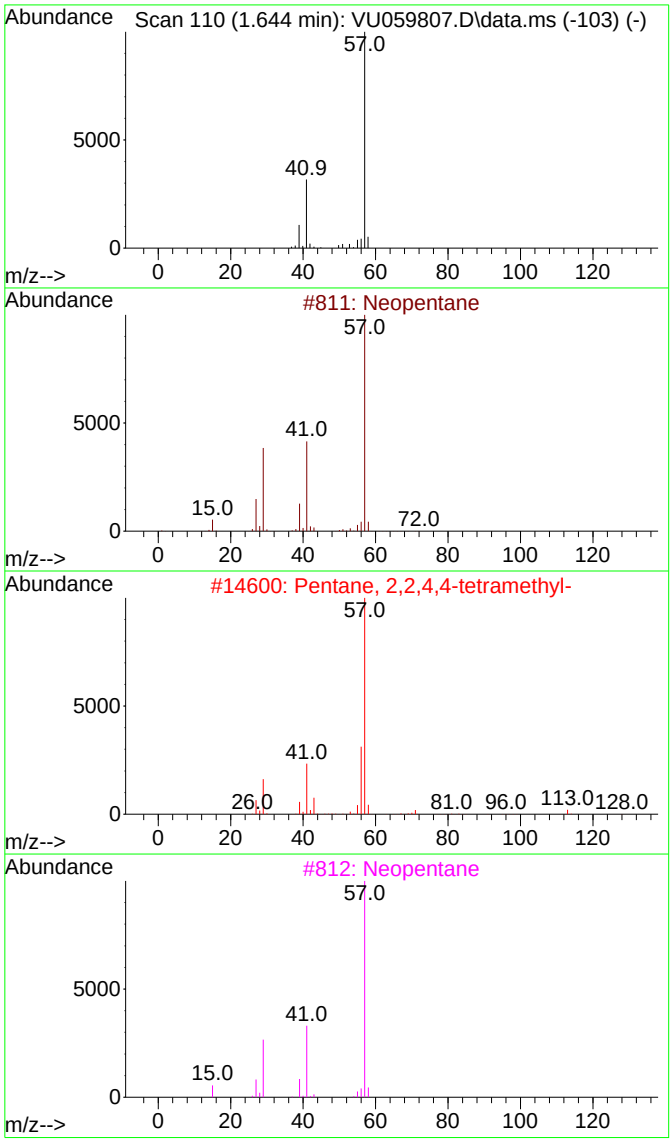
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

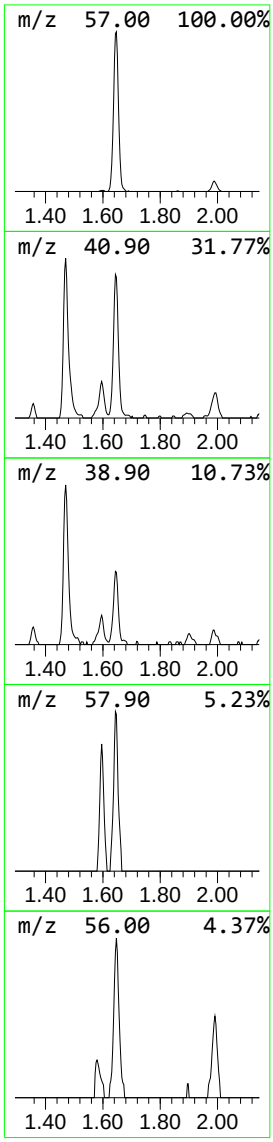
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.644	0.77 ug/L	53831	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentane	72	C5H12	000463-82-1	56
2	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	38
3	Neopentane	72	C5H12	000463-82-1	38
4	Phosphinous chloride, (chloromet...	172	C5H11Cl2P	078055-63-7	9
5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

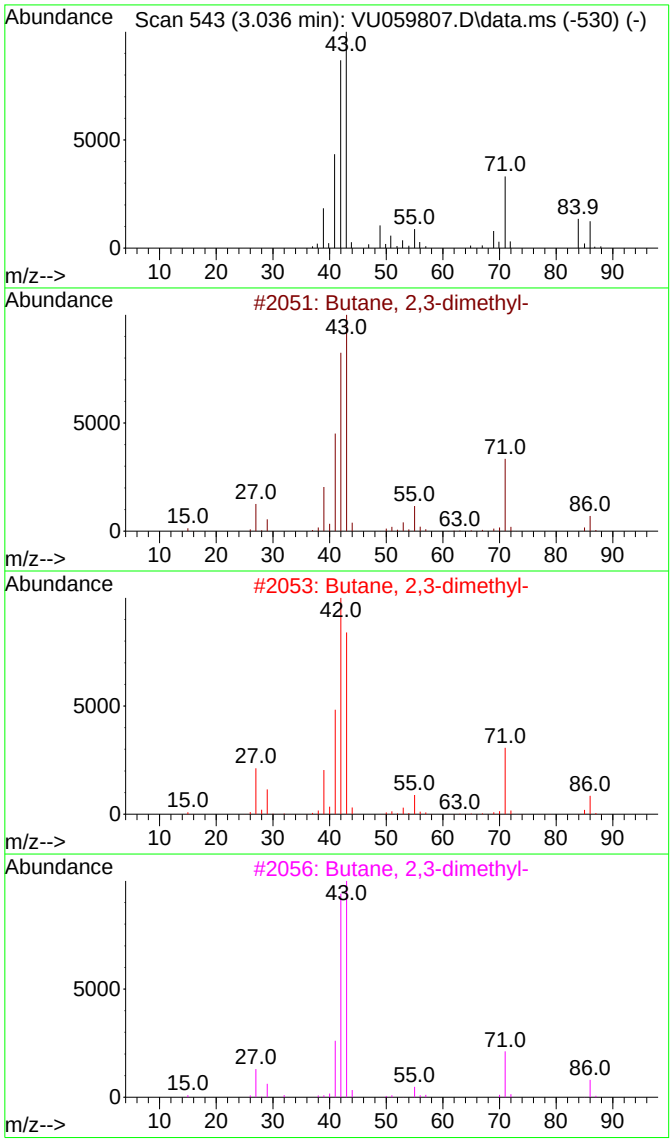
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

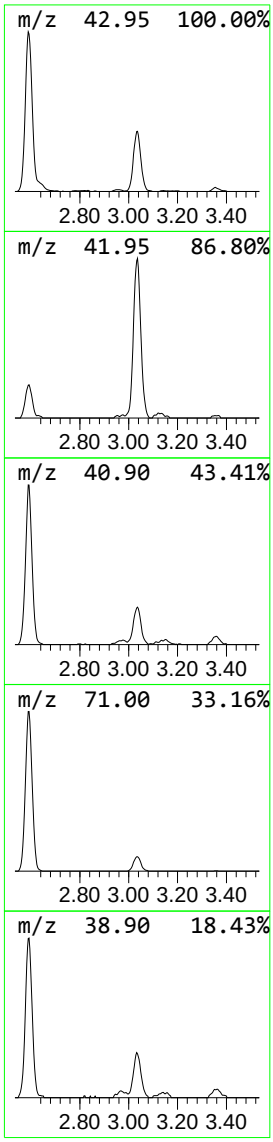
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.036	1.69 ug/L	118652	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	74
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	59
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	42
5	1,2,3-Trimethyldiaziridine	86	C4H10N2	113604-56-1	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

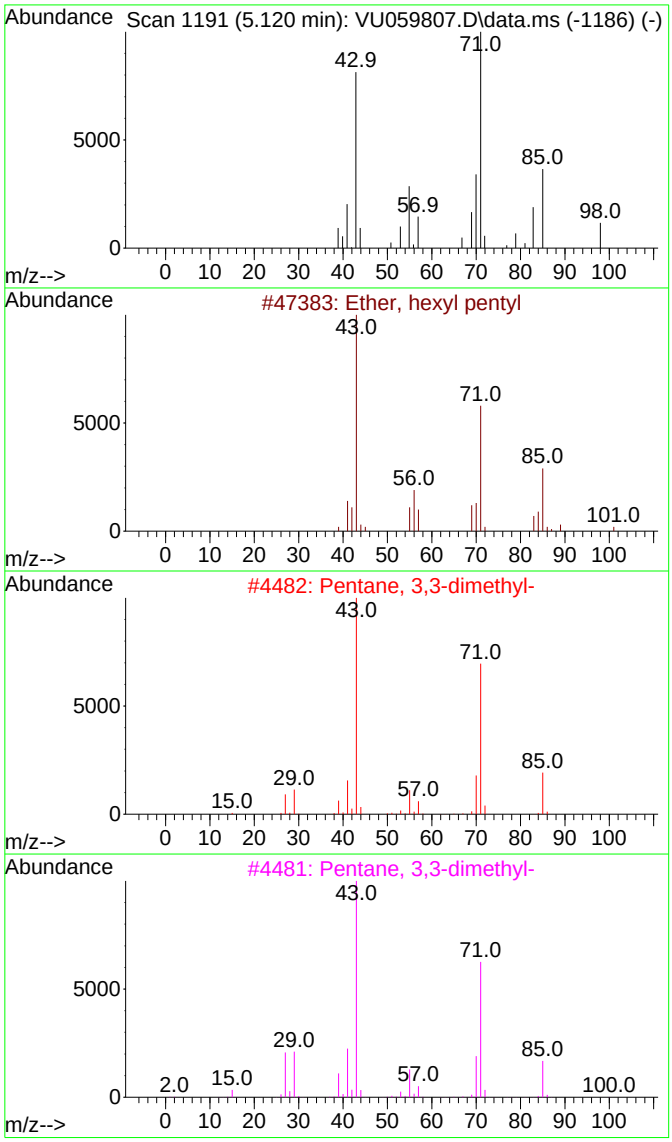
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

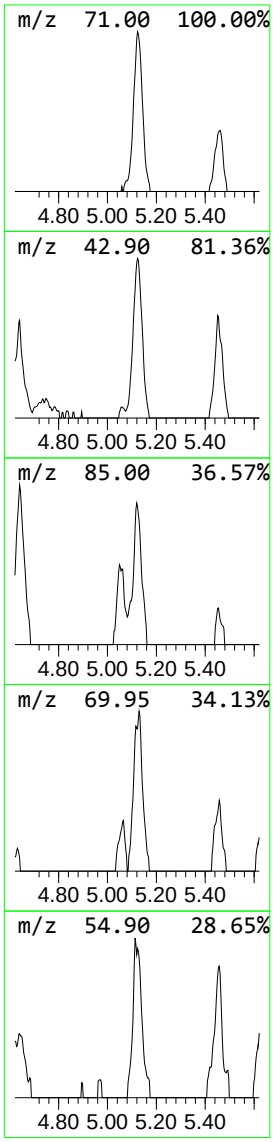
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ether, hexyl pentyl Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.120	0.61 ug/L	42890	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, hexyl pentyl	172	C11H24O	032357-83-8	59
2	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	50
3	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	45
4	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	45
5	4,4-Dimethyl-1-hexene	112	C8H16	001647-08-1	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

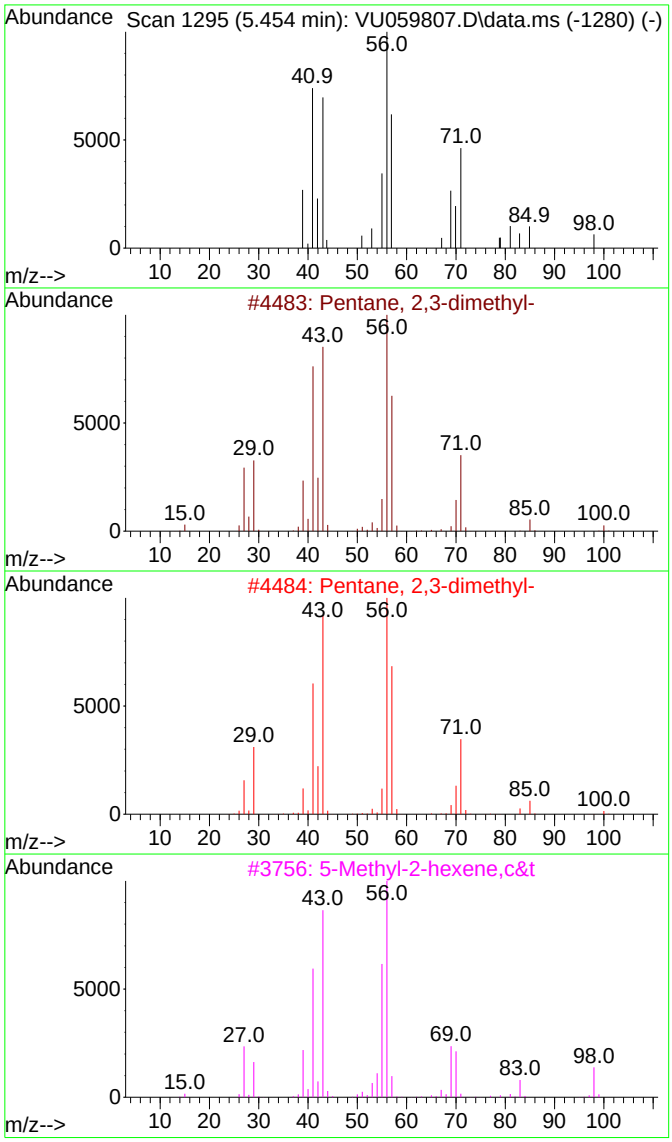
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

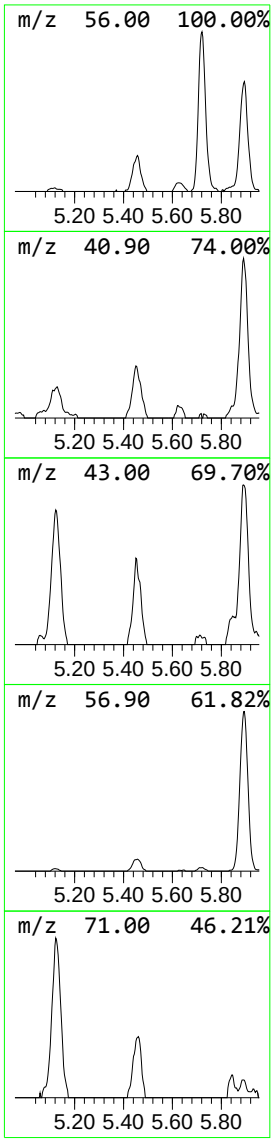
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.454	0.50 ug/L	35414	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	50
3	5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	47
4	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	47
5	Heptane, 1-fluoro-	118	C7H15F	000661-11-0	47





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Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

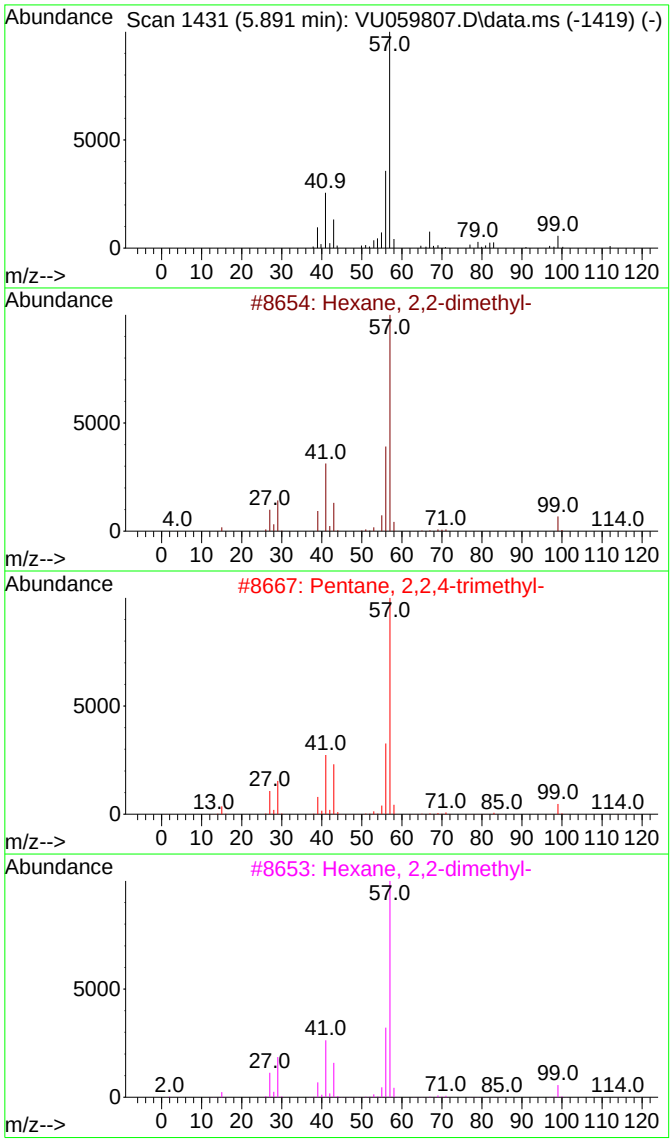
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

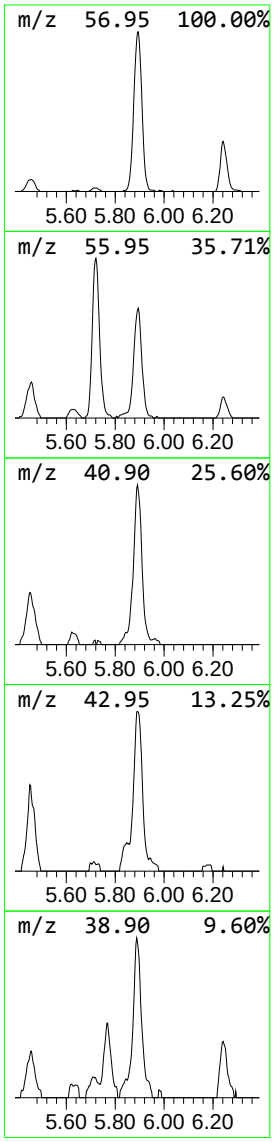
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.891	1.99 ug/L	139597	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	59
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

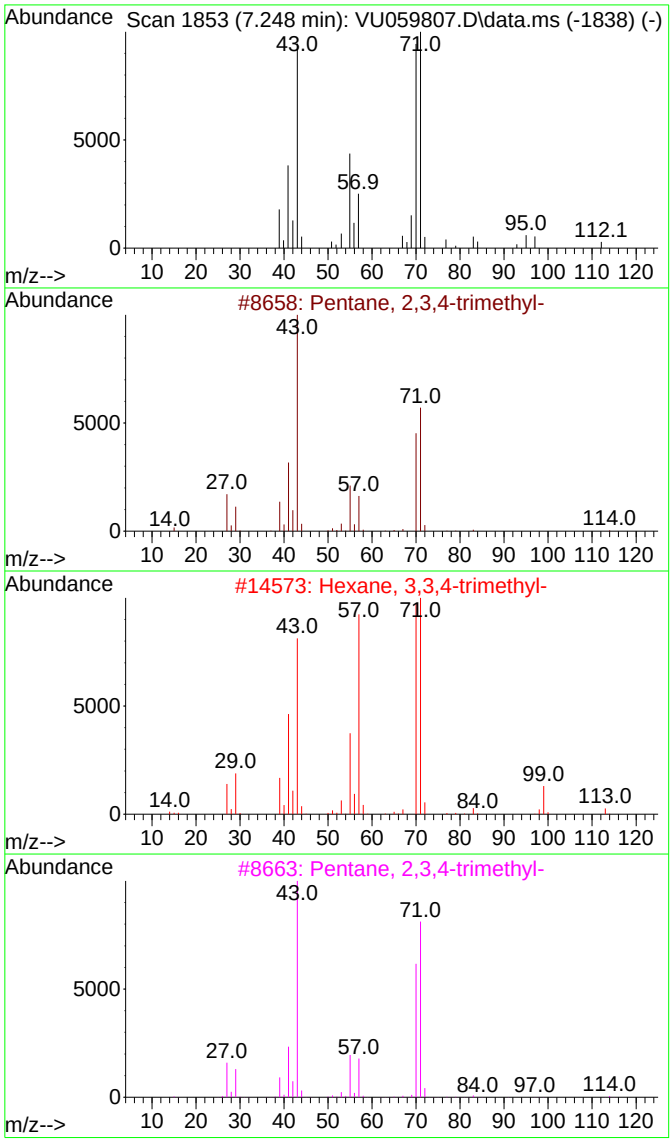
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

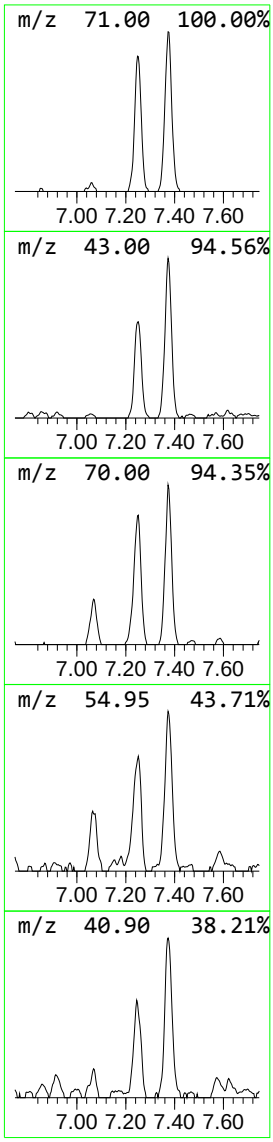
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.248	1.06 ug/L	74007	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	78
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	72
5	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	64





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Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

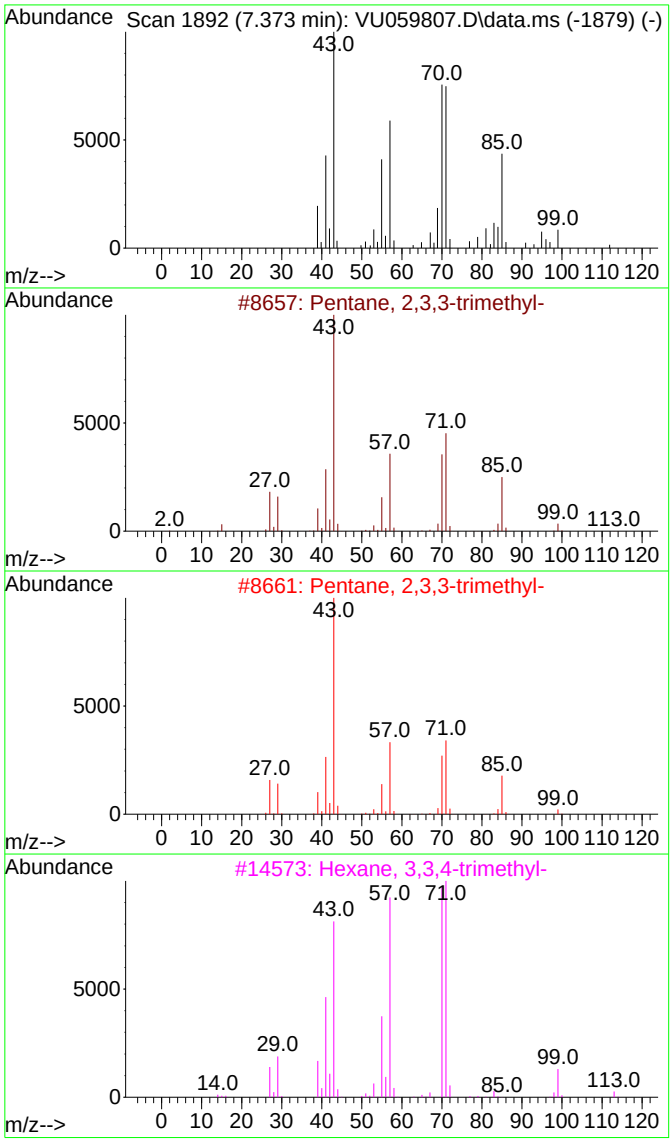
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

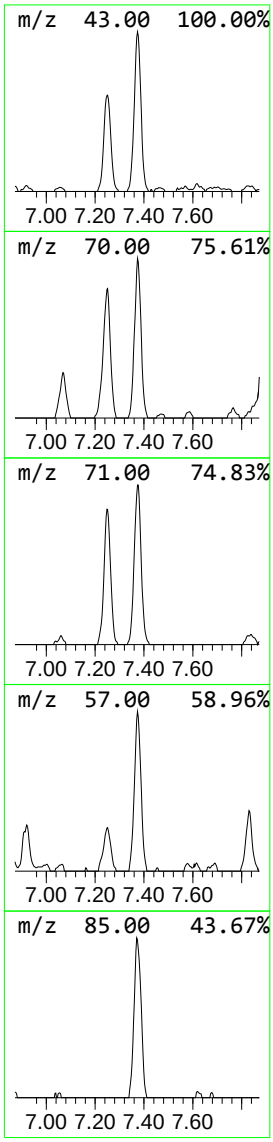
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.373	1.85 ug/L	130023	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	53
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	50
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50





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Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

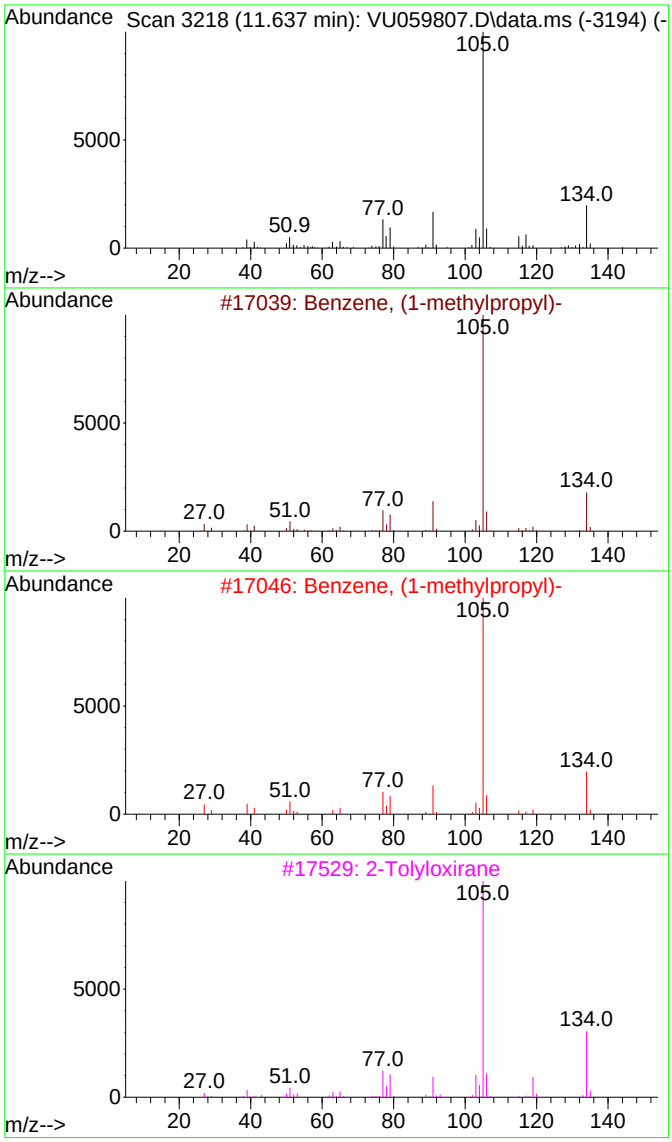
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

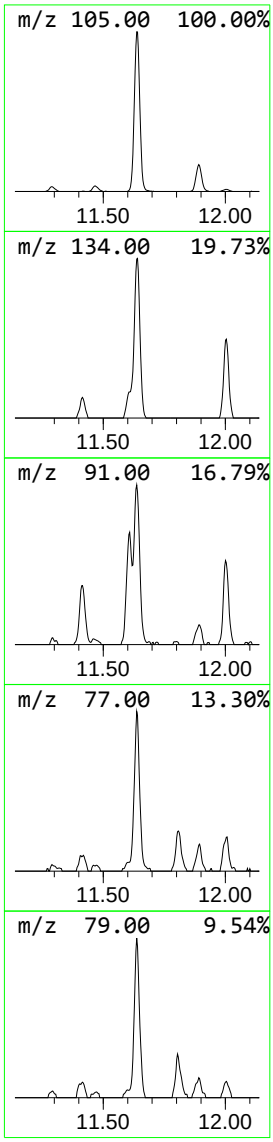
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, (1-methylpropyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.637	2.65 ug/L	237174	1,4-Dichlorobenzene-d4	11.807

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





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Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

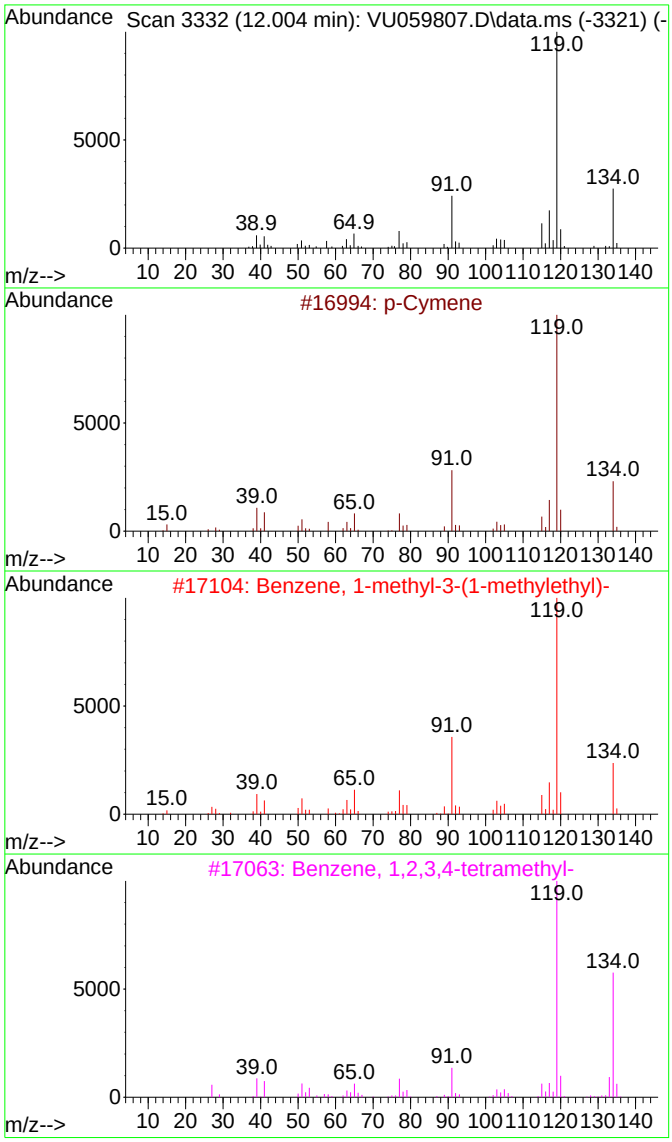
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

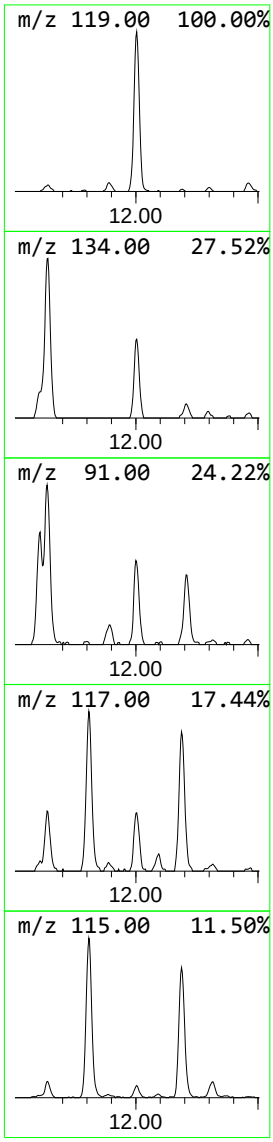
****

Peak Number 11 p-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	0.89 ug/L	79486	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	p-Cymene	134	C10H14	000099-87-6	91
5	o-Cymene	134	C10H14	000527-84-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

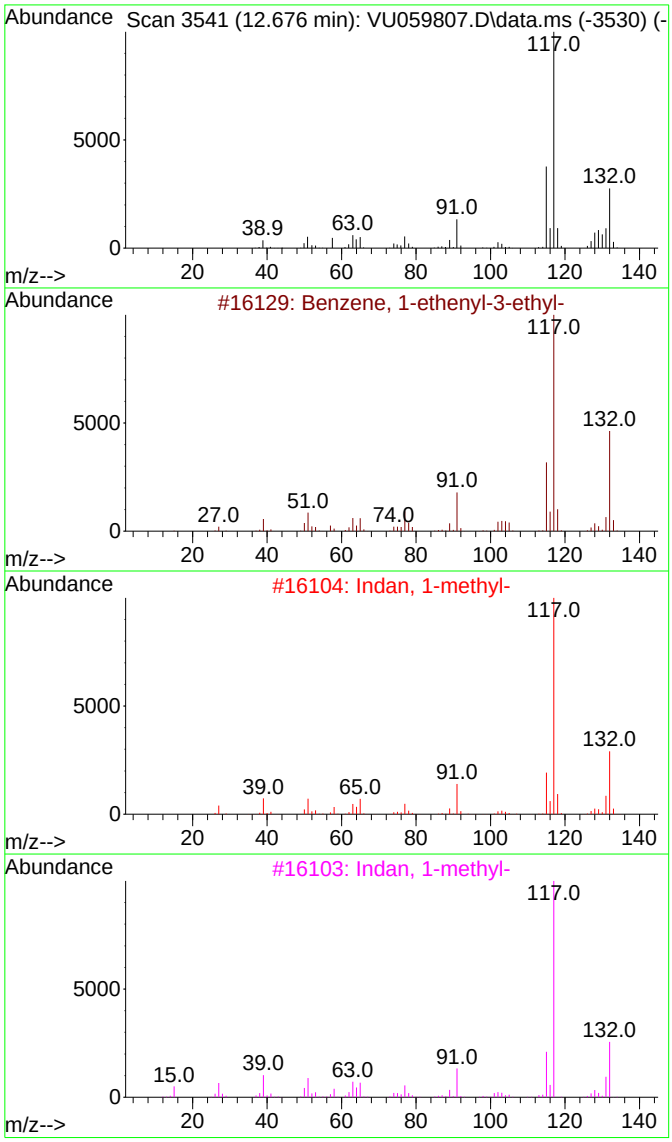
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

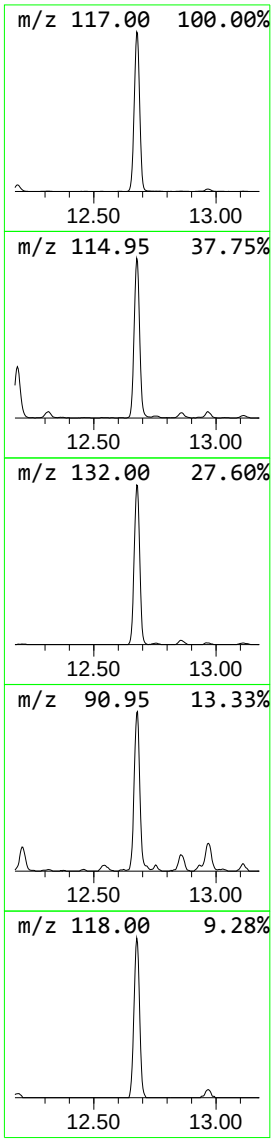
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.676	10.04 ug/L	897900	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

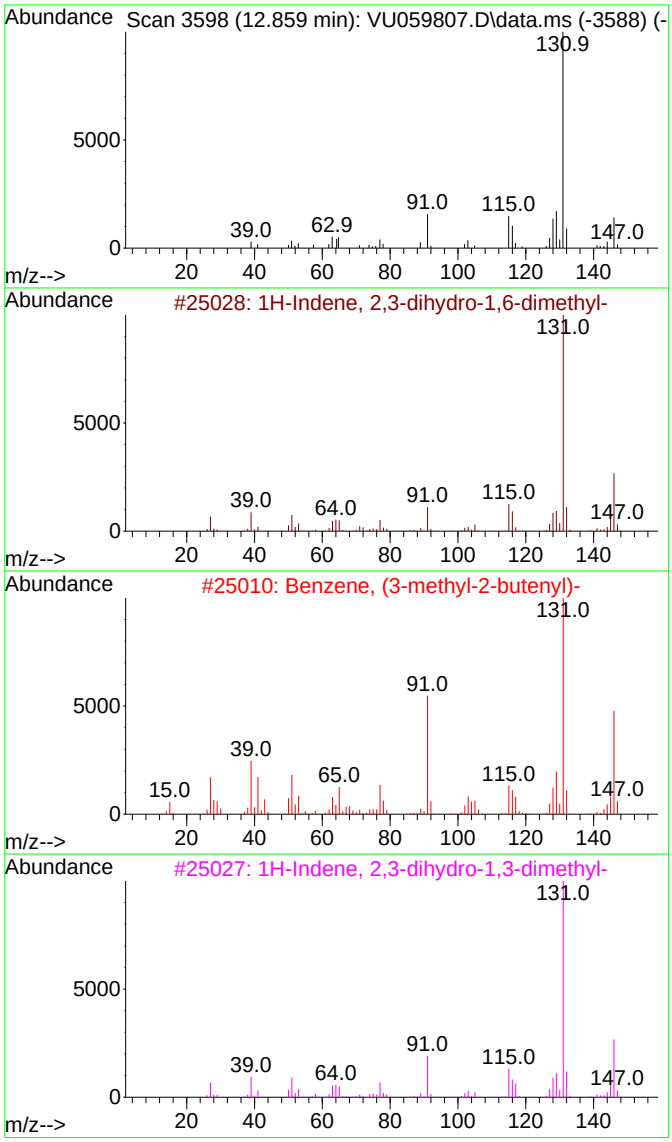
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

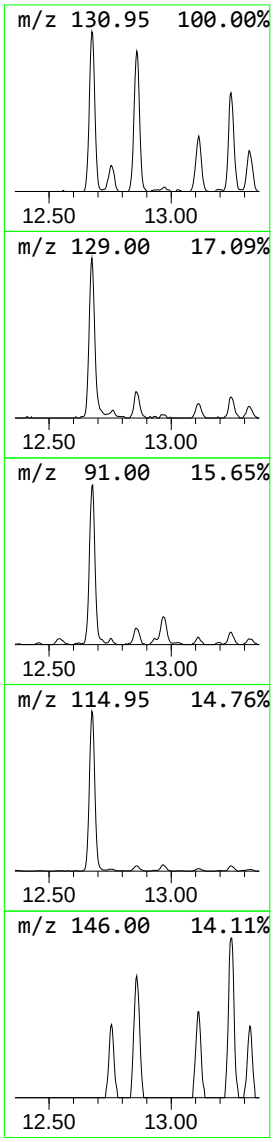
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	0.73 ug/L	65167	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	95
2	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	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90





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Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

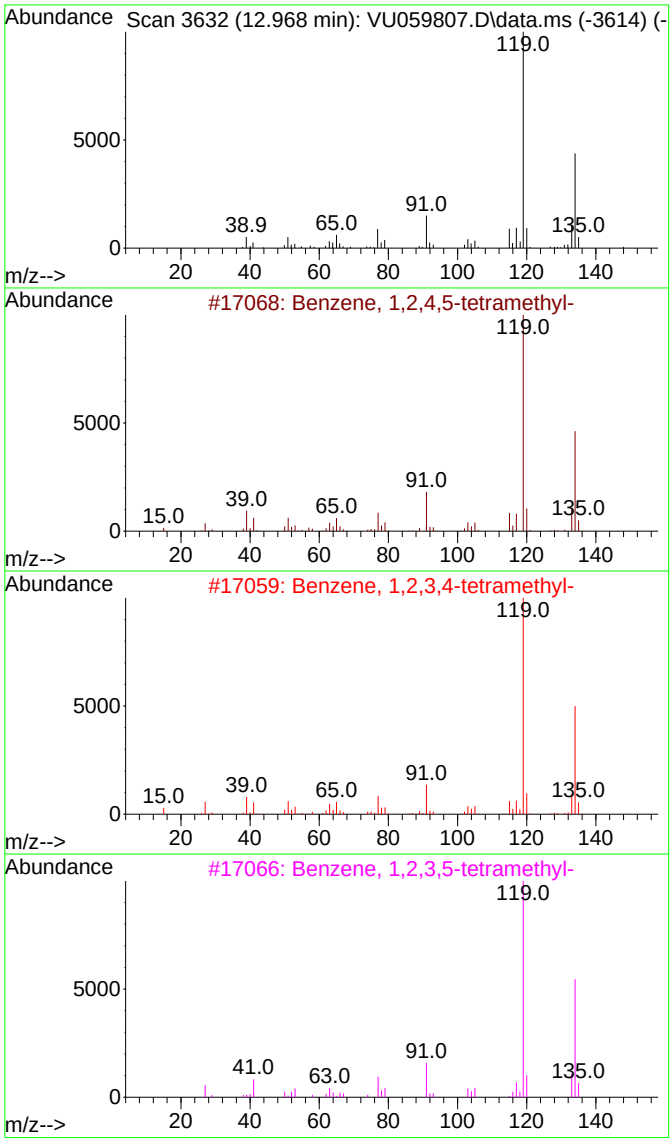
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

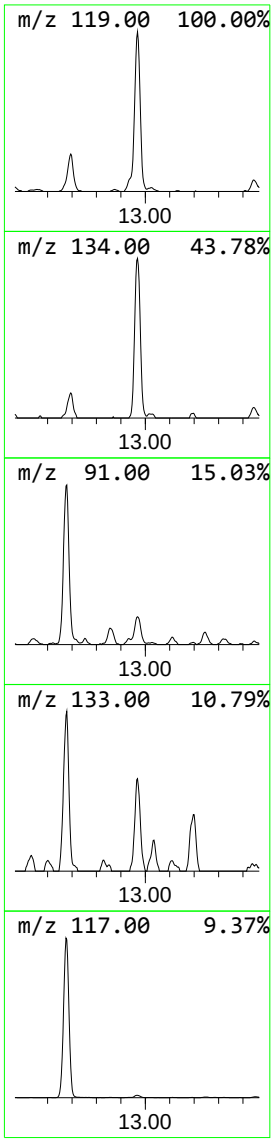
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.968	1.61 ug/L	144134	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





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Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

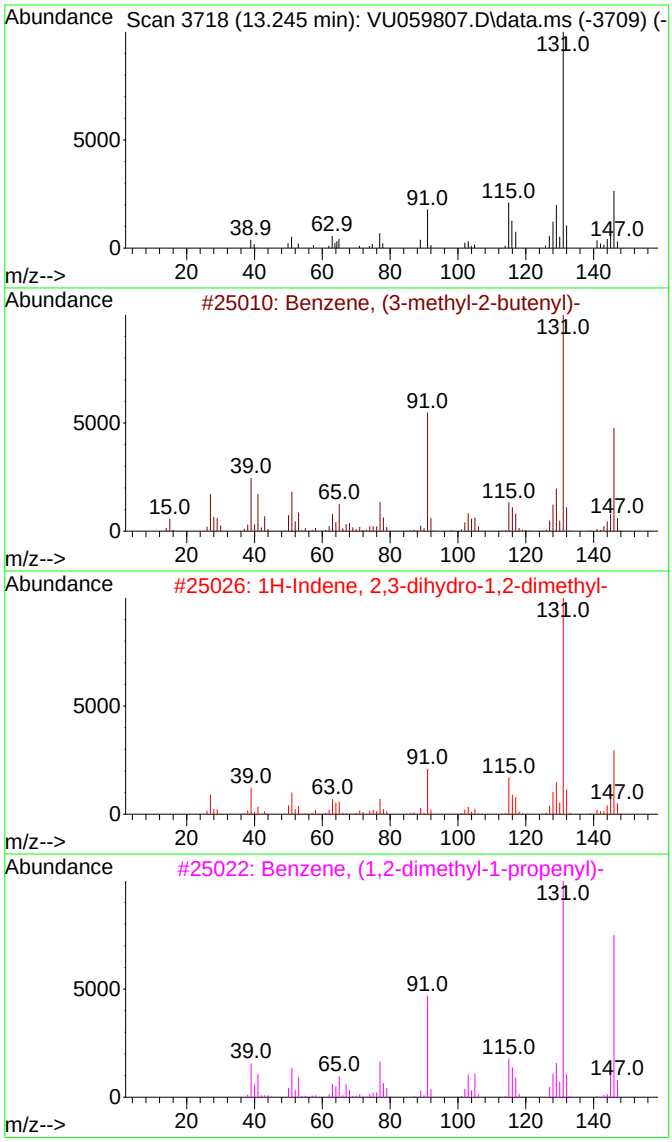
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

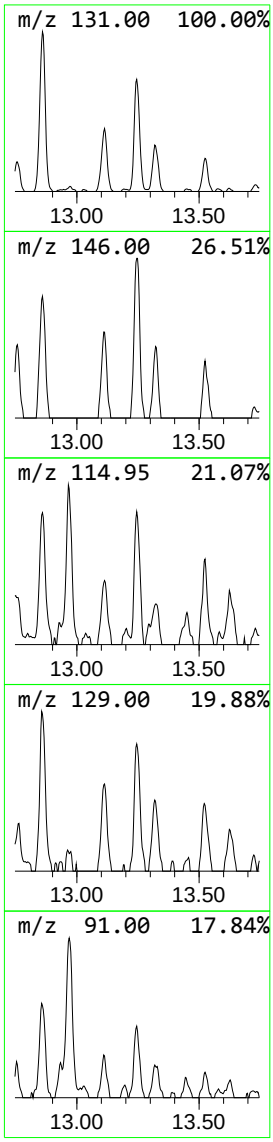
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, (3-methyl-2-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.245	0.57 ug/L	51042	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

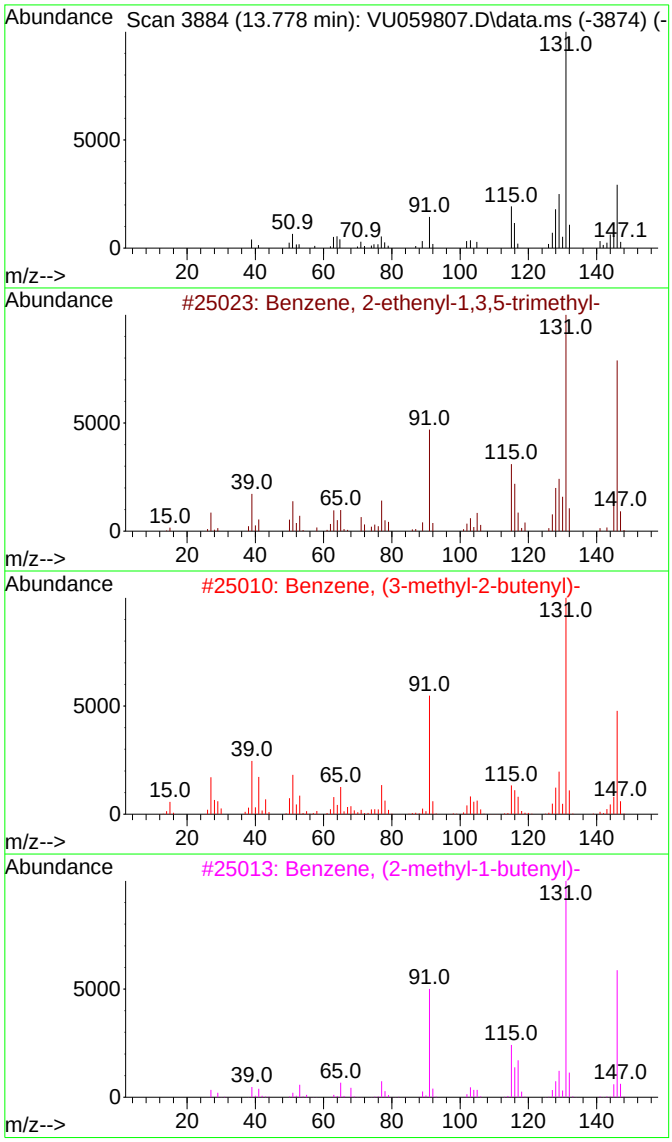
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

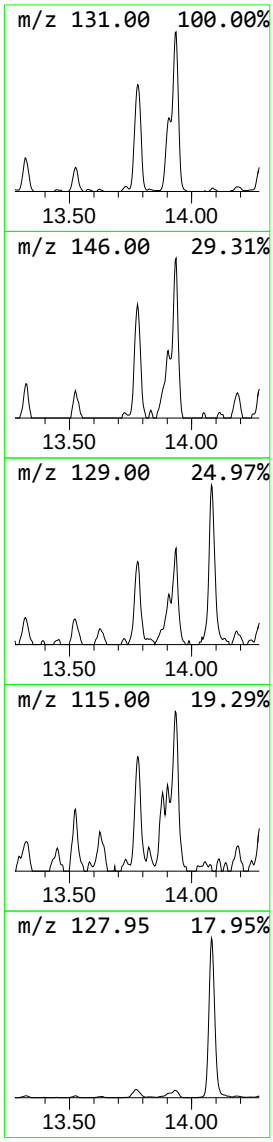
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.778	0.94 ug/L	83745	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	91
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

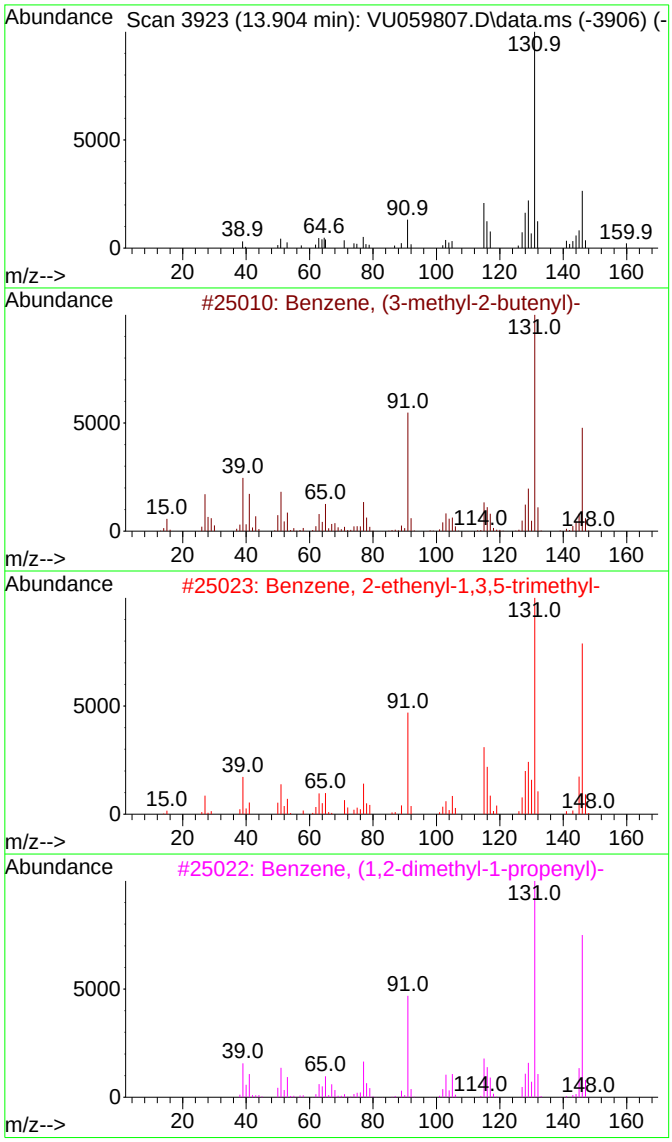
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

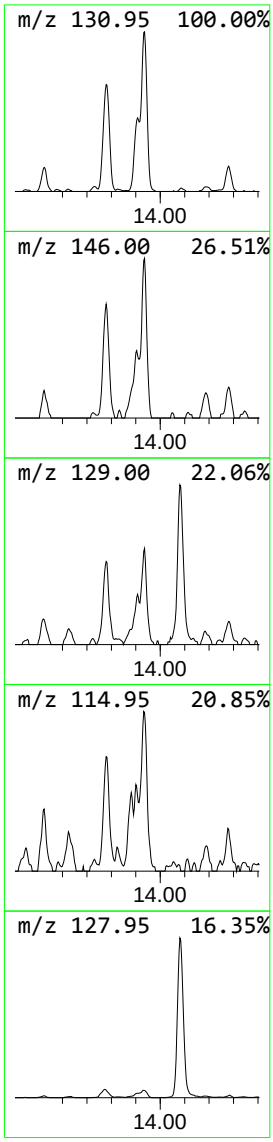
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	0.70 ug/L	62411	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	91
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90





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Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

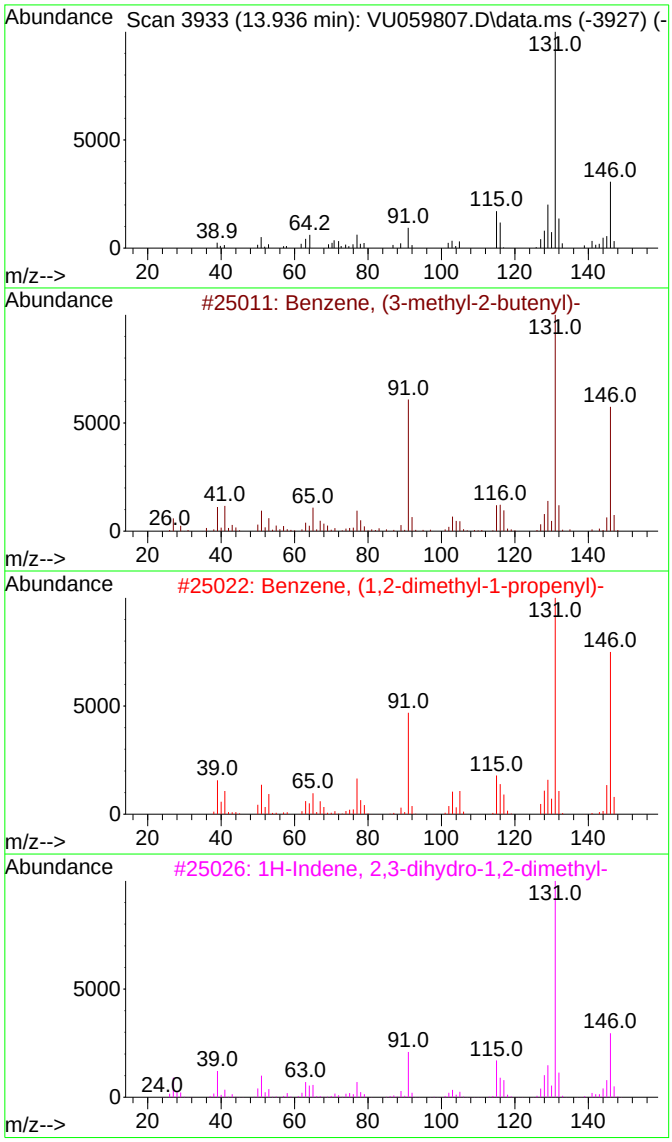
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

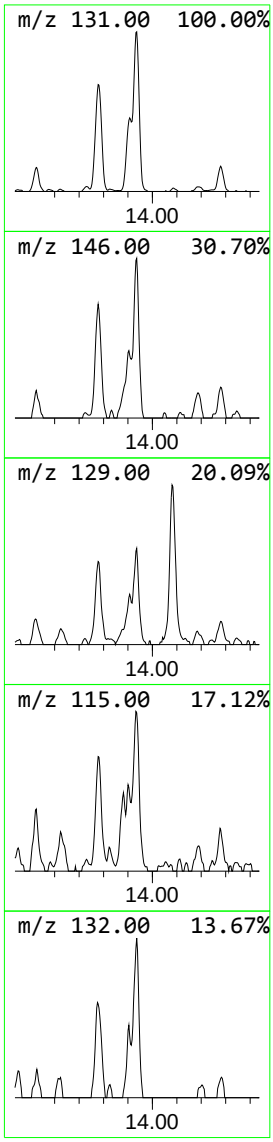
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.936	1.11 ug/L	99166	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87





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Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

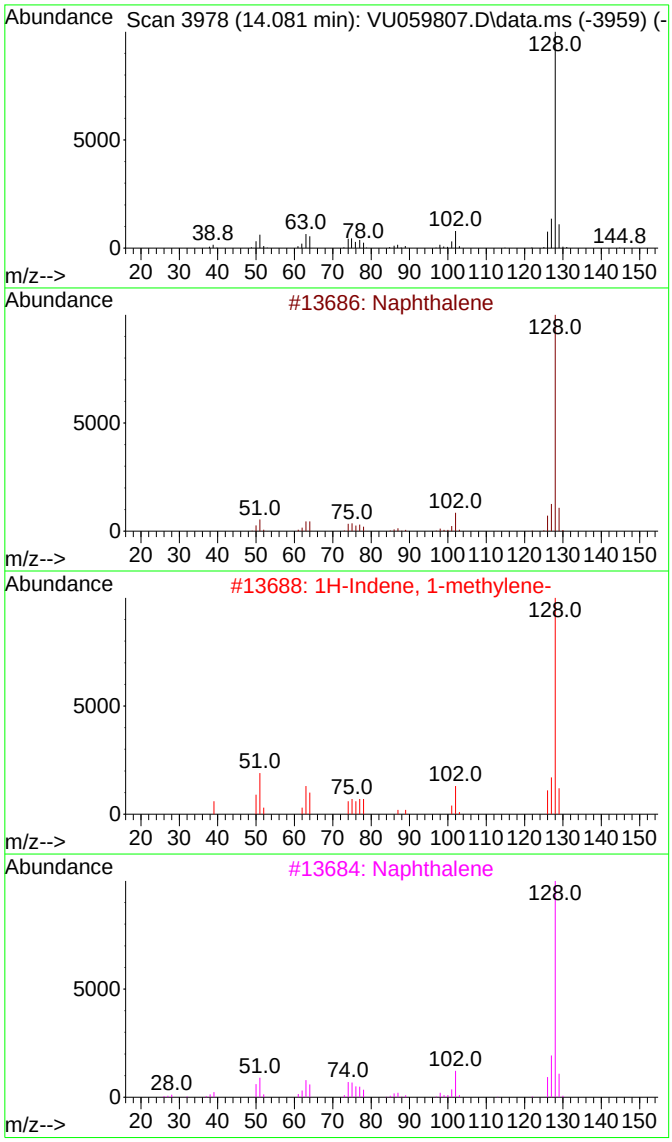
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

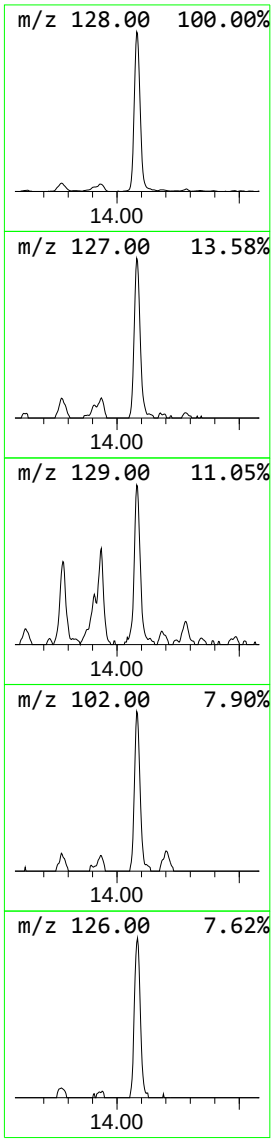
****

Peak Number 19 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	2.41 ug/L	215236	1,4-Dichlorobenzene-d4	11.807

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

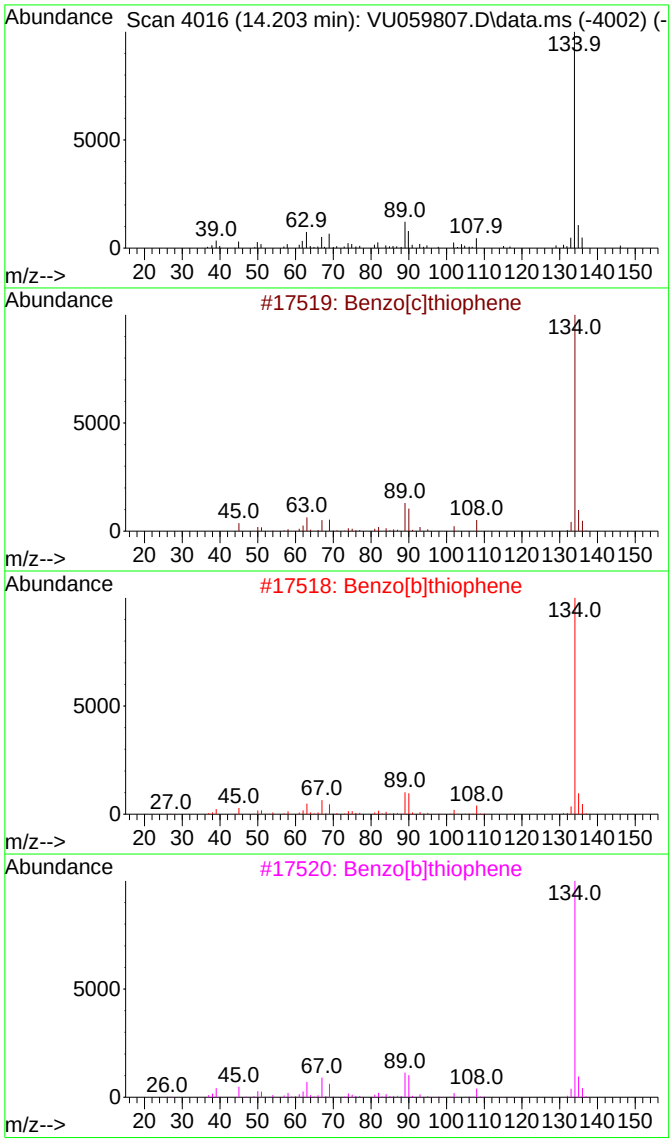
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

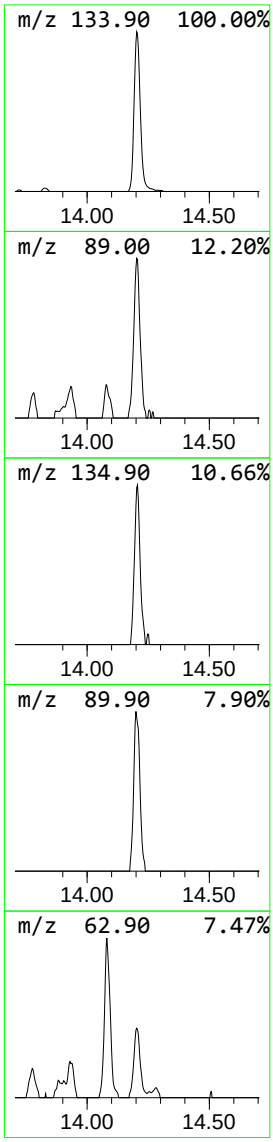
****

Peak Number 20 Benzo[c]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.203	1.13 ug/L	101339	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059807.D
Acq On : 03 Jul 2024 19:18
Operator : MD/SY
Sample : P3136-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	1.470	0.7	ug/L	45290	1	6.242	350665	5.0
(DEL) Alkane: S...	1.644	0.8	ug/L	53831	1	6.242	350665	5.0
(DEL) Alkane: S...	3.036	1.7	ug/L	118652	1	6.242	350665	5.0
Ether, hexyl pe...	5.120	0.6	ug/L	42890	1	6.242	350665	5.0
(DEL) Alkane: S...	5.454	0.5	ug/L	35414	1	6.242	350665	5.0
(DEL) Alkane: S...	5.891	2.0	ug/L	139597	1	6.242	350665	5.0
(DEL) Alkane: S...	7.248	1.1	ug/L	74007	1	6.242	350665	5.0
(DEL) Alkane: S...	7.373	1.9	ug/L	130023	1	6.242	350665	5.0
Benzene, (1-met...	11.637	2.6	ug/L	237174	3	11.807	447381	5.0
p-Cymene	12.004	0.9	ug/L	79486	3	11.807	447381	5.0
Benzene, 1-ethe...	12.676	10.0	ug/L	897900	3	11.807	447381	5.0
1H-Indene, 2,3-...	12.859	0.7	ug/L	65167	3	11.807	447381	5.0
Benzene, 1,2,4,...	12.968	1.6	ug/L	144134	3	11.807	447381	5.0
Benzene, (3-met...	13.245	0.6	ug/L	51042	3	11.807	447381	5.0
Benzene, 2-ethe...	13.778	0.9	ug/L	83745	3	11.807	447381	5.0
Benzene, (1,2-d...	13.904	0.7	ug/L	62411	3	11.807	447381	5.0
1H-Indene, 2,3-...	13.936	1.1	ug/L	99166	3	11.807	447381	5.0
Azulene	14.081	2.4	ug/L	215236	3	11.807	447381	5.0
Benzo[c]thiophene	14.203	1.1	ug/L	101339	3	11.807	447381	5.0