LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059805.D
Acq On : 03 Jul 2024 18:30
Operator : MD/SY
Sample : P3136-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BE5

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: VU059805.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.596	83	95	106	rBV	76476	93068	4.88%	1.089%
2	1.908	184	192	204	rBV	53549	71631	3.76%	0.838%
3	1.988	207	217	230	rVB	75630	105228	5.52%	1.232%
4	2.560	381	395	415	rBV2	102585	226793	11.90%	2.654%
5	2.785	452	465	494	rBV2	9861	31513	1.65%	0.369%
6	3.036	528	543	556	rBV2	32532	67295	3.53%	0.788%
7	3.354	625	642	672	rBV	202797	466763	24.49%	5.463%
8	4.624	1018	1037	1041	rBV2	78021	156489	8.21%	1.832%
9	5.055	1157	1171	1187	rBV	97509	214163	11.24%	2.507%
10	5.631	1337	1350	1360	rBV5	15649	34448	1.81%	0.403%
11	5.718	1360	1377	1407	rVB2	186319	520776	27.33%	6.095%
12	5.933	1426	1444	1460	rVB3	17386	43201	2.27%	0.506%
13	6.242	1528	1540	1564	rBV	176697	338536	17.76%	3.962%
14	6.534	1618	1631	1664	rBV	567296	1080494	56.70%	12.646%
15	6.682	1665	1677	1705	rVB	118521	243649	12.79%	2.852%
16	7.563	1938	1951	1969	rBV	60275	134170	7.04%	1.570%
17	7.894	2042	2054	2084	rVB	230256	417287	21.90%	4.884%
18	8.177	2131	2142	2152	rBV	35035	59133	3.10%	0.692%
19	8.547	2242	2257	2272	rBV	1134575	1905681	100.00%	22.304%
20	8.628	2272	2282	2311	rVB	263604	493895	25.92%	5.781%
21	9.412	2513	2526	2547	rBV	267437	449379	23.58%	5.260%
22	9.682	2597	2610	2627	rBV7	19223	43789	2.30%	0.513%
23	10.750	2931	2942	2955	rBV	99895	169828	8.91%	1.988%
24	11.640	3209	3219	3232	rVB	34463	55059	2.89%	0.644%
25	11.807	3258	3271	3293	rBV	263402	420789	22.08%	4.925%
26	12.004	3319	3332	3343	rBV	29911	45739	2.40%	0.535%
27	12.187	3377	3389	3418	rVB	224046	376850	19.78%	4.411%
28	12.679	3533	3542	3557	rBV3	28698	50017	2.62%	0.585%
29	13.113	3666	3677	3692	rVB2	34684	55679	2.92%	0.652%
30	13.245	3708	3718	3729	rBV2	16901	25237	1.32%	0.295%
31	13.319	3732	3741	3753	rVB2	33412	50973	2.67%	0.597%
32	13.936	3926	3933	3948	rVB	46729	77143	4.05%	0.903%
33	14.344	4049	4060	4070	rBV5	10356	19299	1.01%	0.226%

Sum of corrected areas: 8543994

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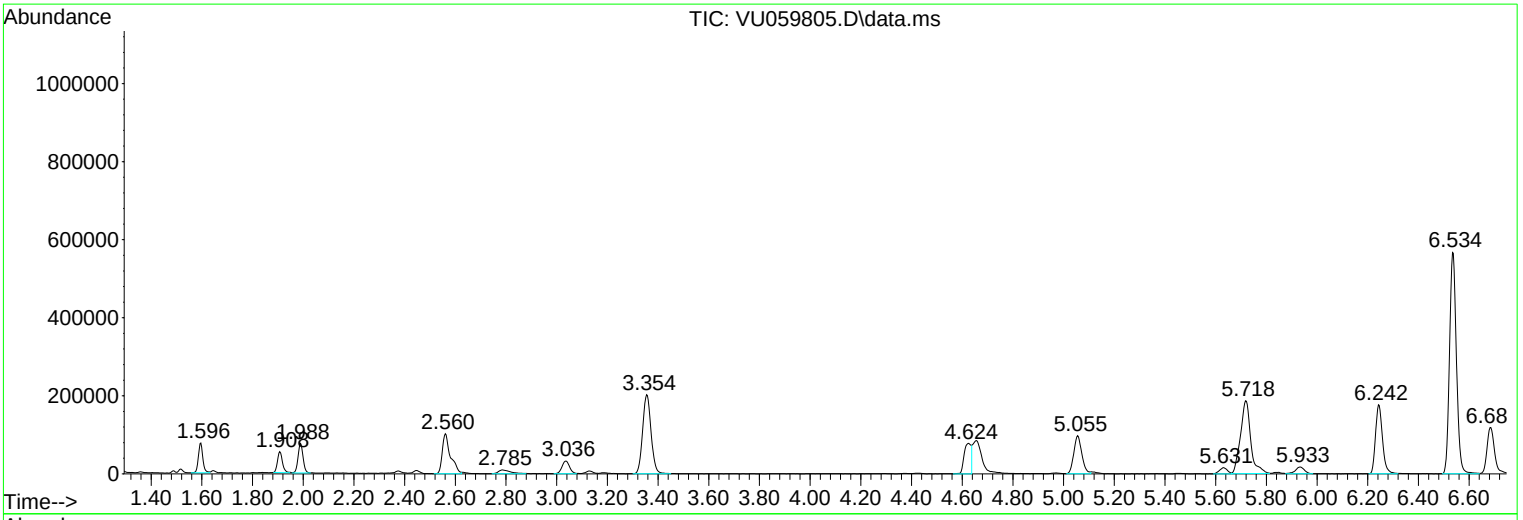
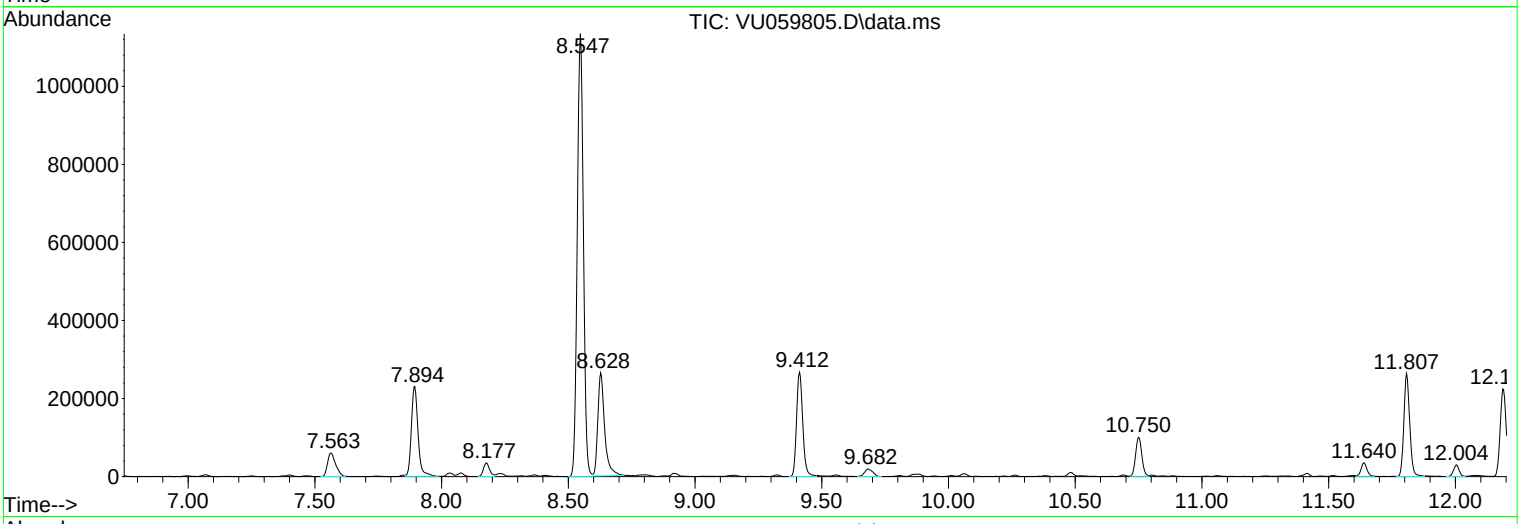
ALS Vial : 7 Sample Multiplier: 1

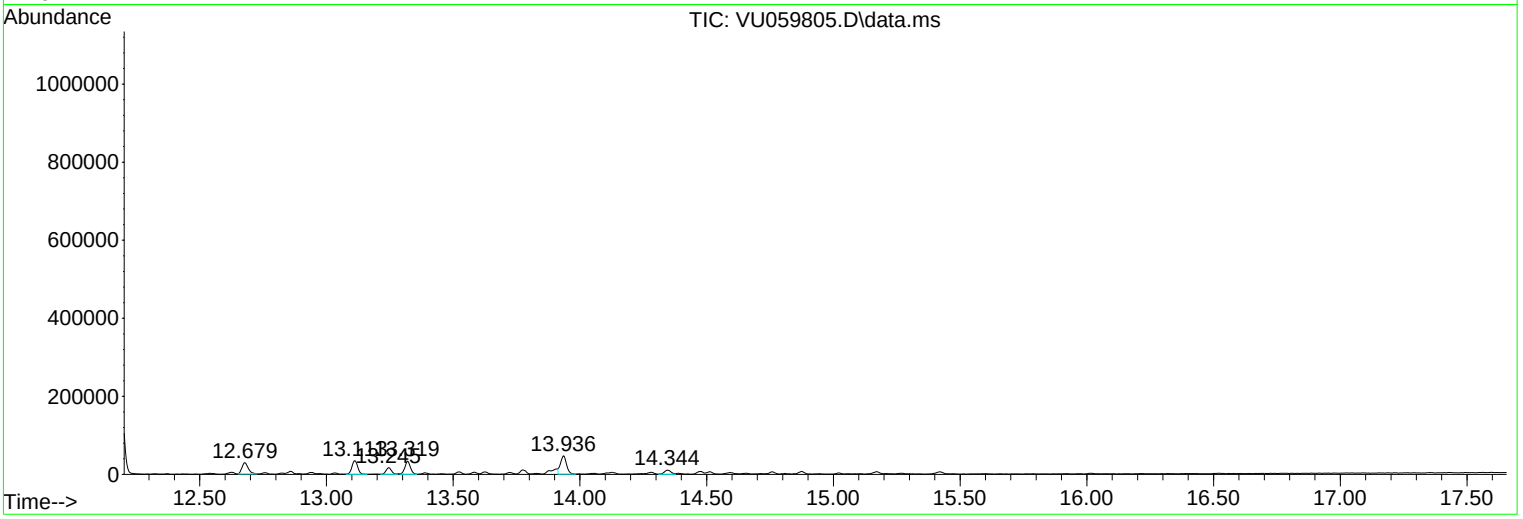
Instrument :
MSVOA_U
ClientSampleId :
C0BE5

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







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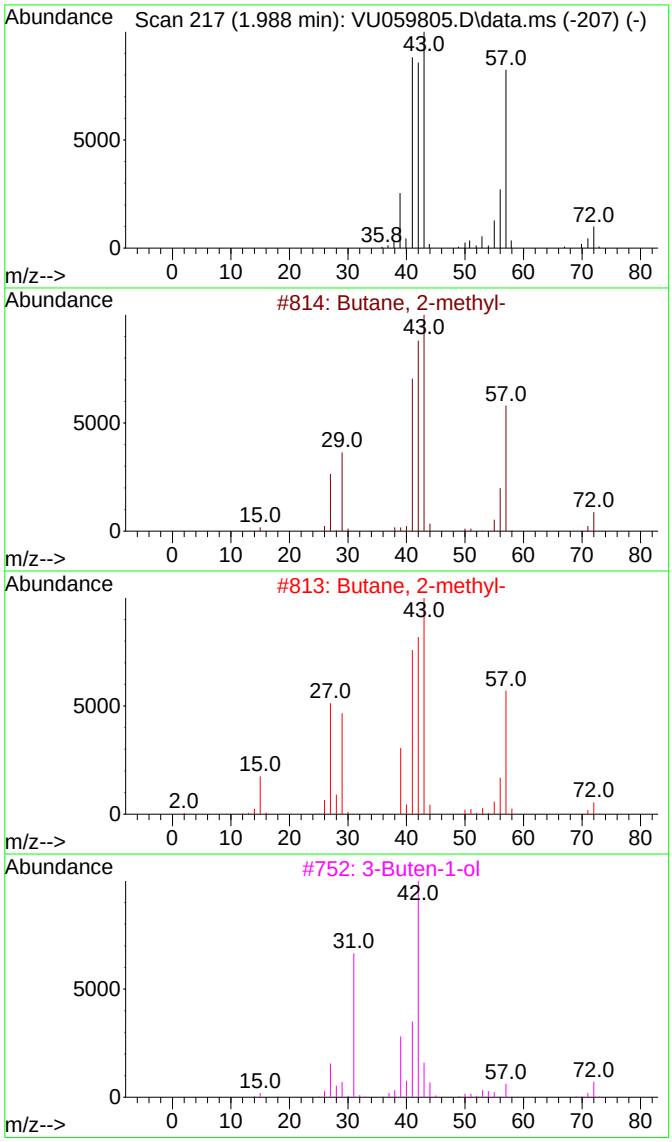
Quant Title : TRACE VOA SFAM1.0

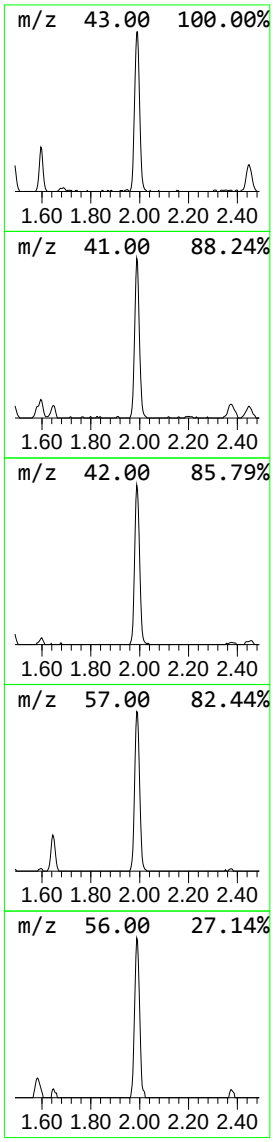
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.988	1.55 ug/L	105228	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Butane, 2-methyl-	72	C5H12	000078-78-4	72
3	3-Buten-1-ol	72	C4H8O	000627-27-0	37
4	Pentane	72	C5H12	000109-66-0	33
5	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	28





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Data File : VU059805.D
Acq On : 03 Jul 2024 18:30
Operator : MD/SY
Sample : P3136-01
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE5

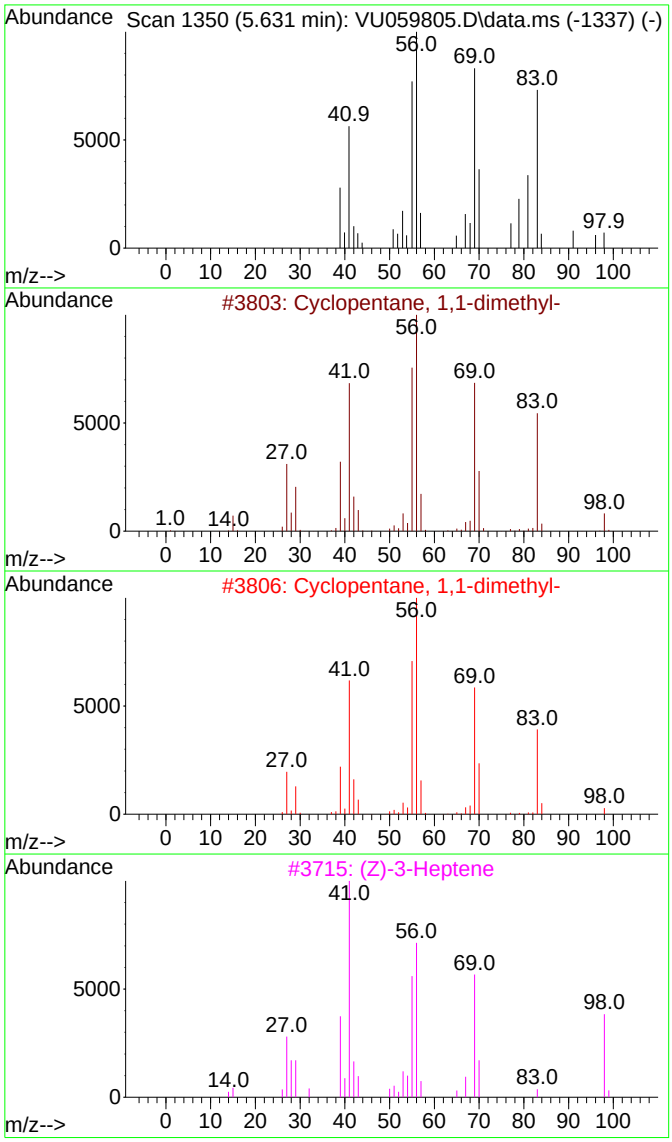
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

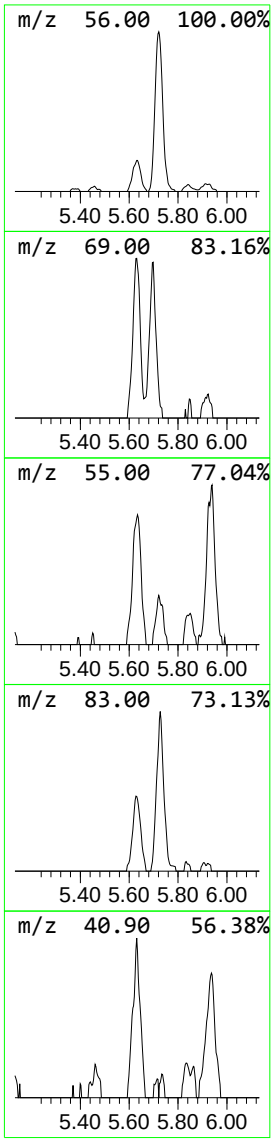
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic5.631 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.631	0.51 ug/L	34448	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	90
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	83
3	(Z)-3-Heptene	98	C7H14	007642-10-6	49
4	3-Heptene, (E)-	98	C7H14	014686-14-7	47
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	43





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Sample : P3136-01
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE5

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

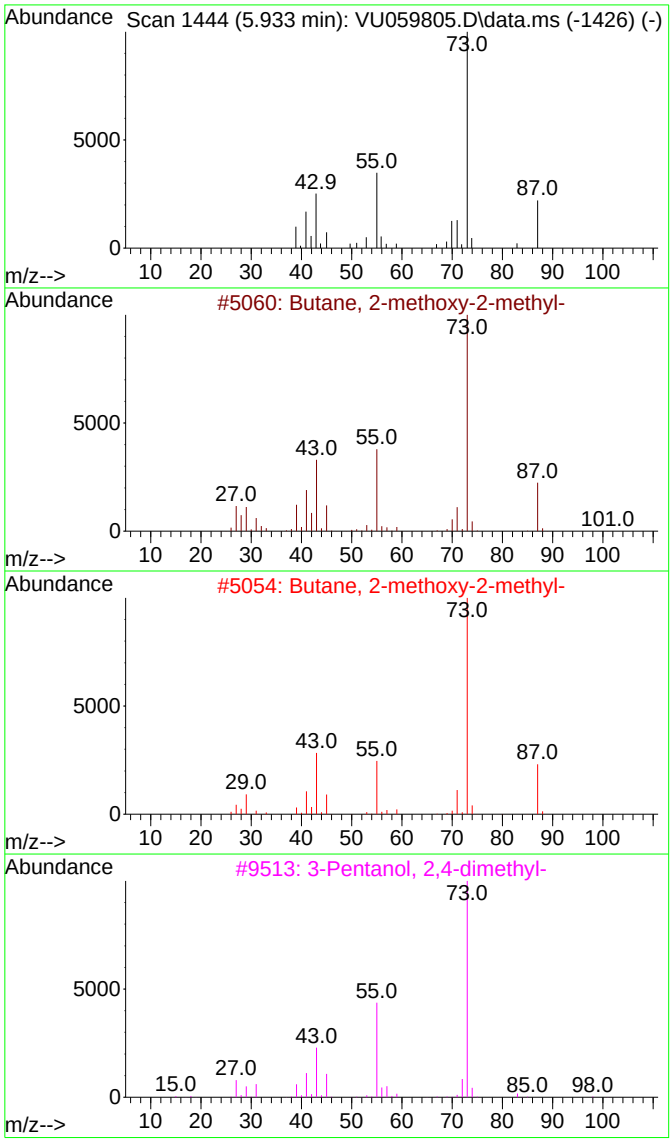
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

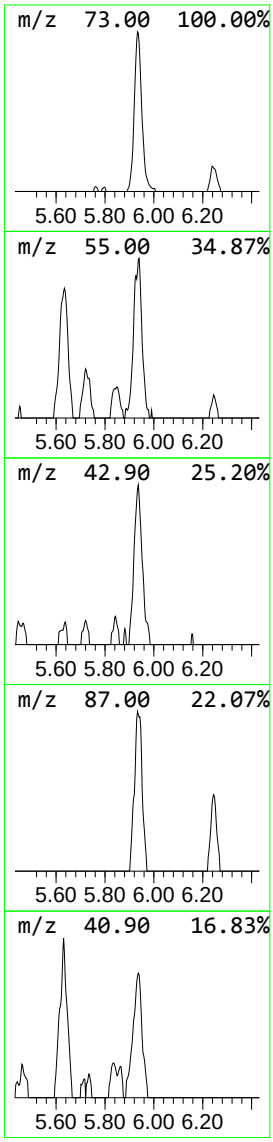
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.933	0.64 ug/L	43201	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : MD/SY
Sample : P3136-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE5

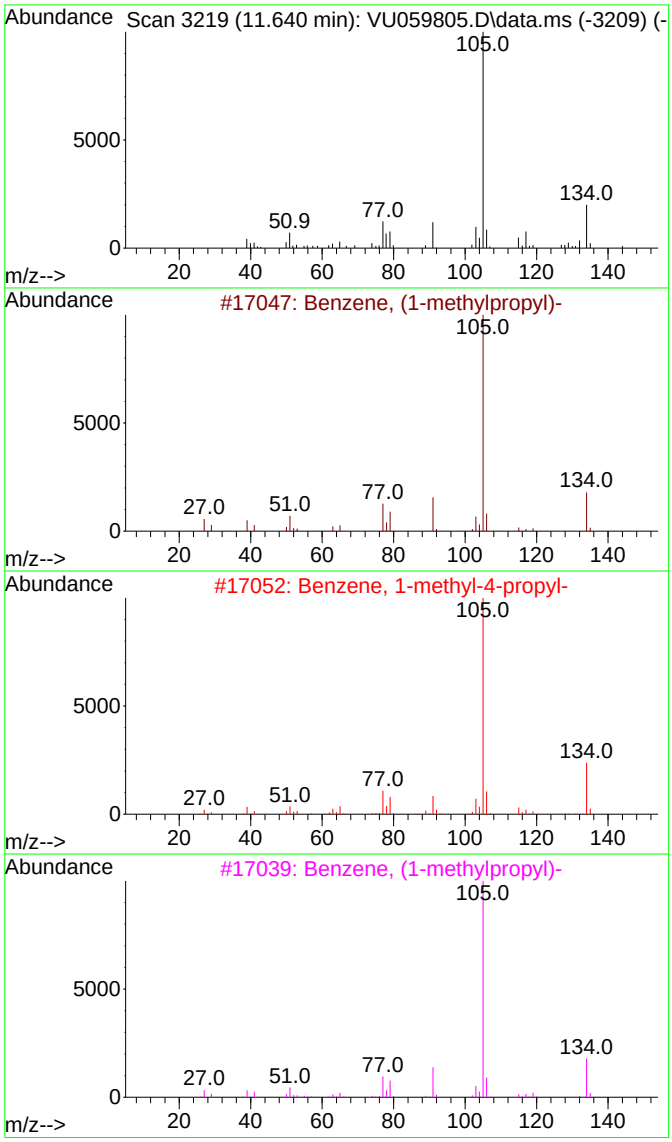
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

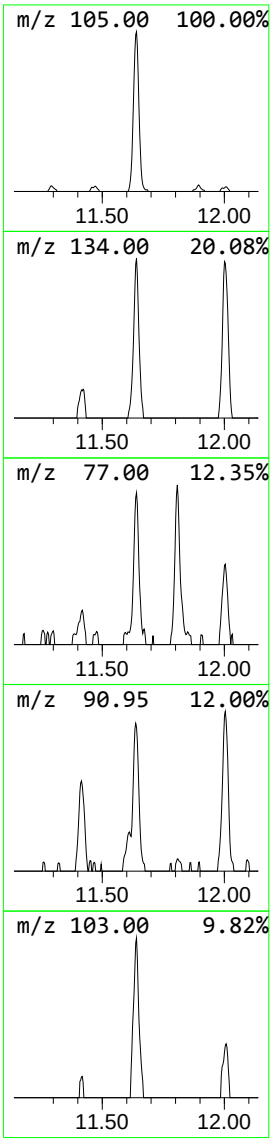
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (1-methylpropyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.640	0.65 ug/L	55059	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE5

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

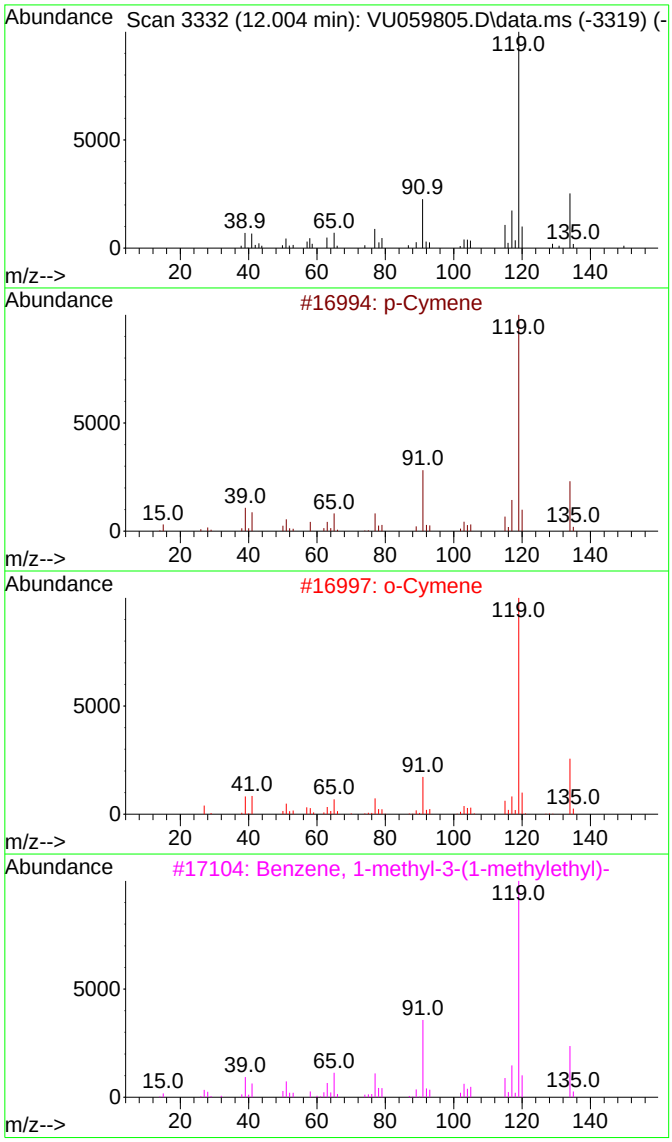
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

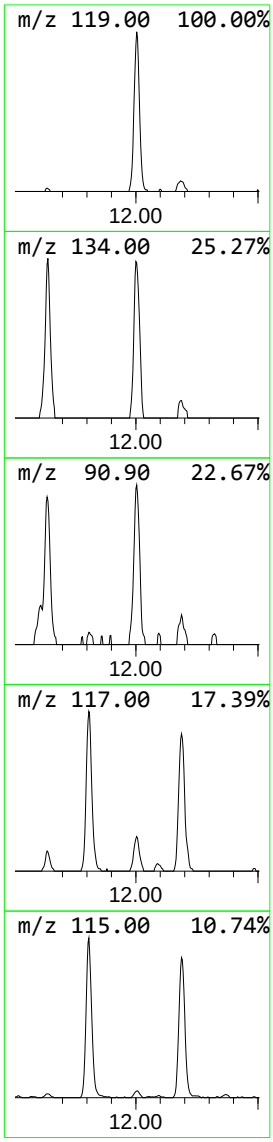
****

Peak Number 6 p-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	0.54 ug/L	45739	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	90





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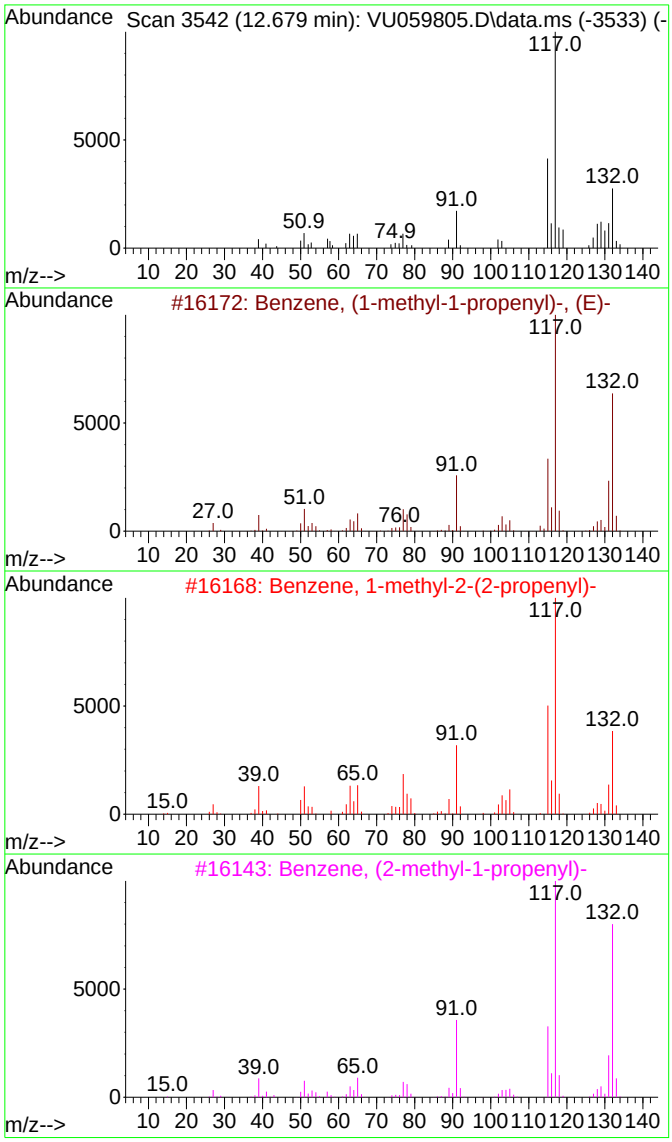
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

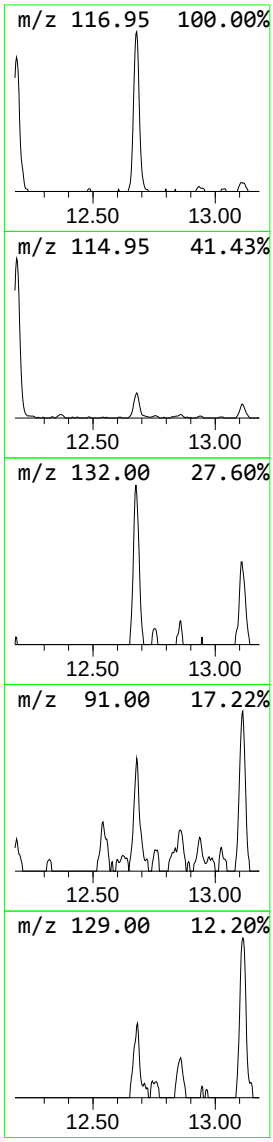
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (1-methyl-1-propen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.679	0.59 ug/L	50017	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80
4	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	74
5	Indan, 1-methyl-	132	C10H12	000767-58-8	70





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ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
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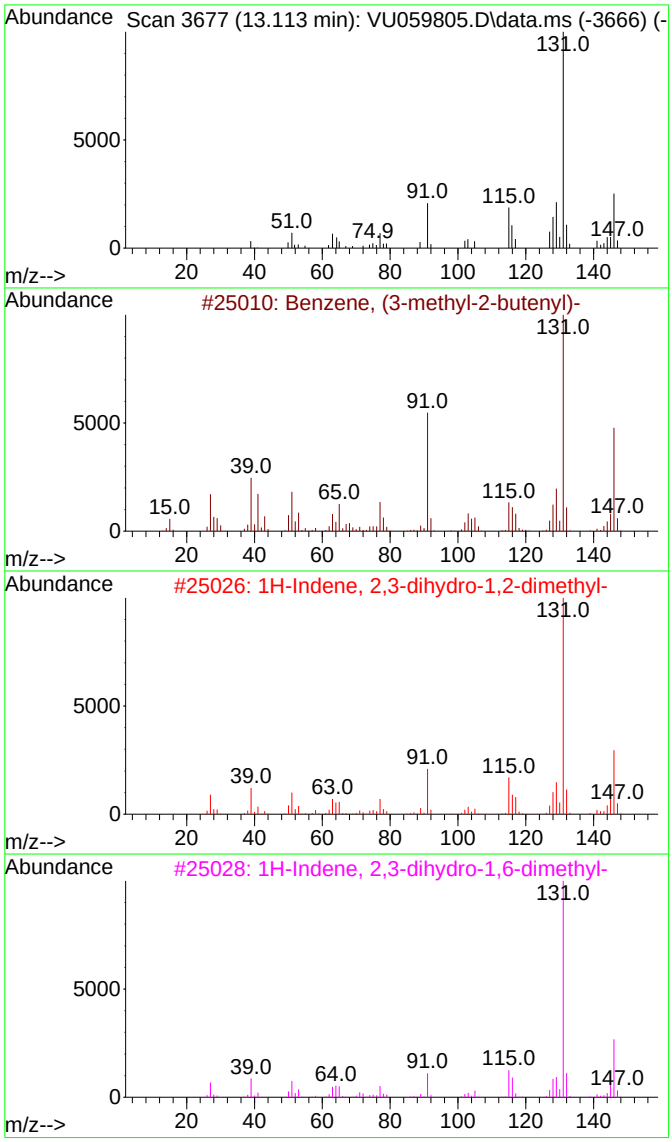
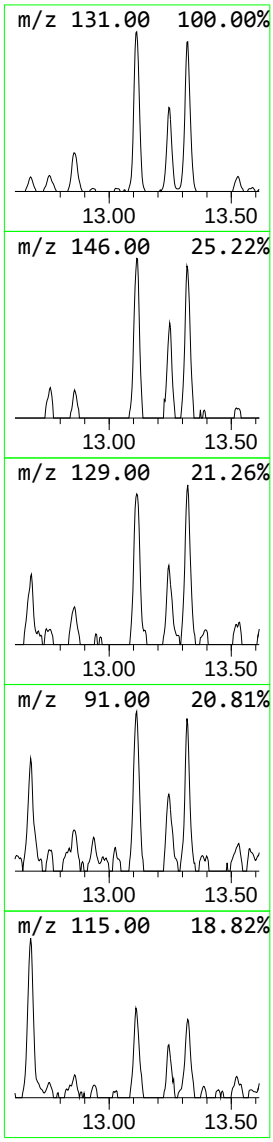
****
Peak Number 8 Benzene, (3-methyl-2-butenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.113	0.66 ug/L	55679	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	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87





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

TIC Library : C:\Database\NIST20.L
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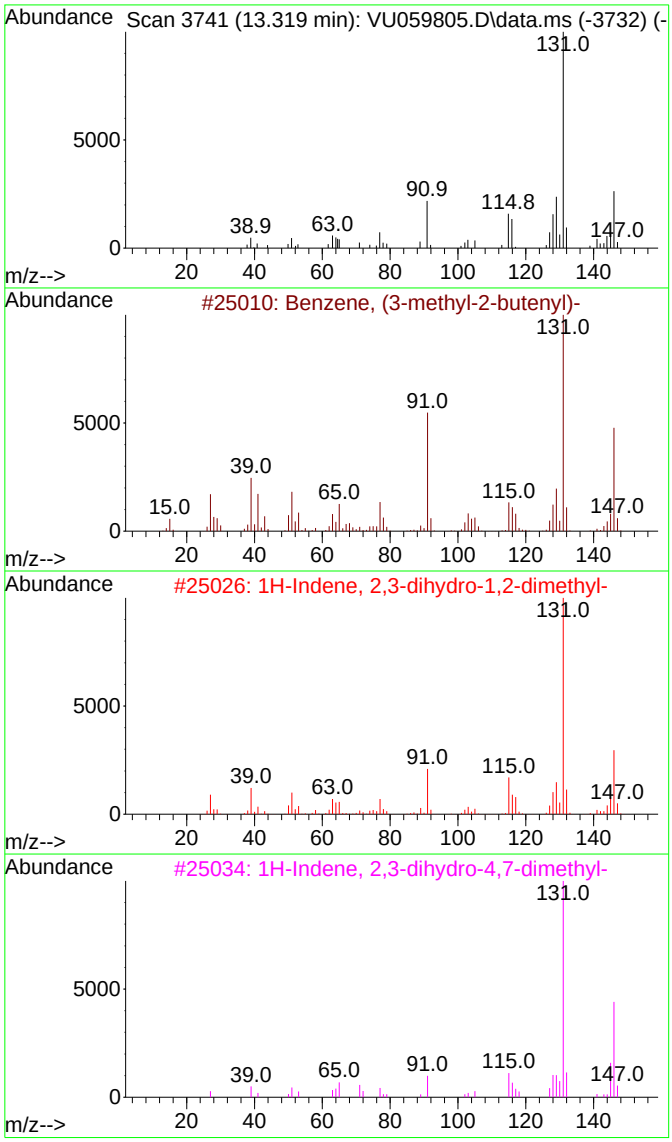
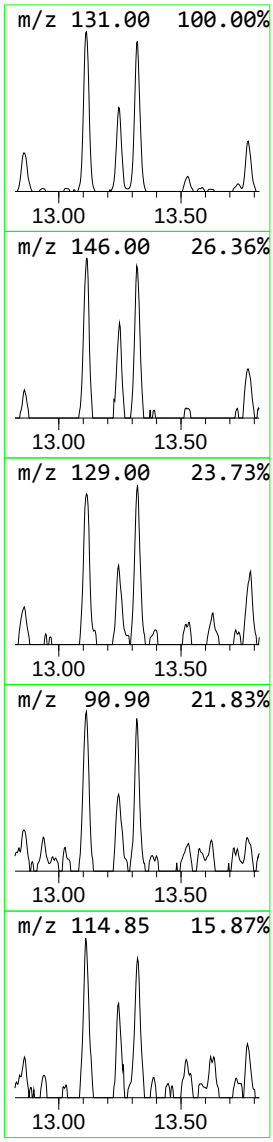
****
Peak Number 9 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.319	0.61 ug/L	50973	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	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





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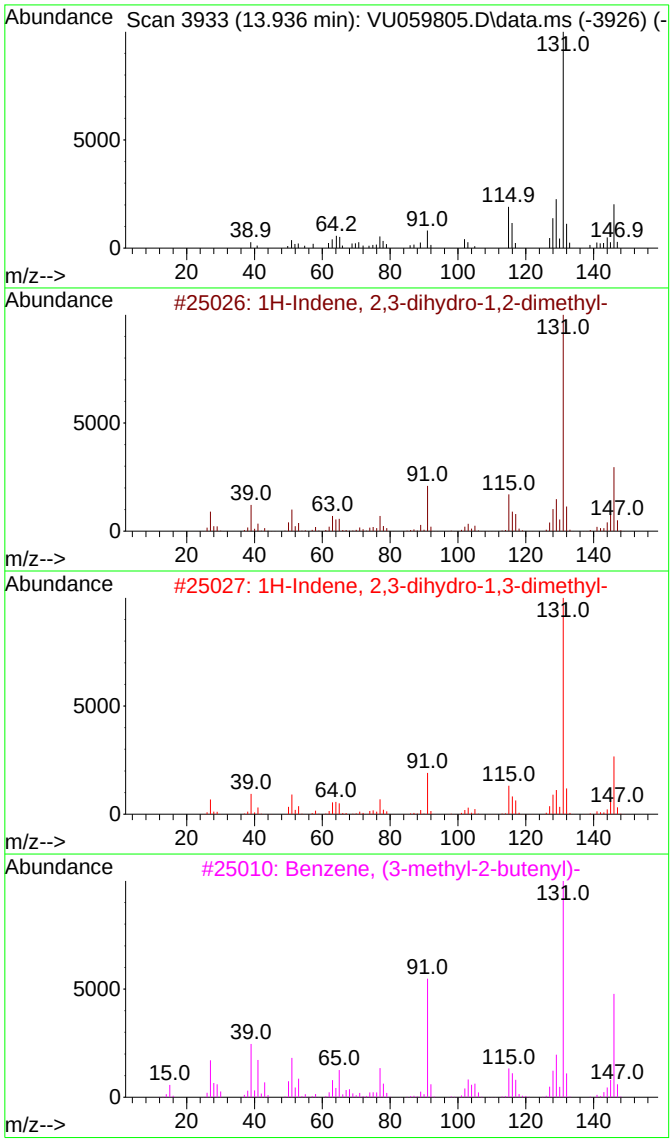
Quant Title : TRACE VOA SFAM1.0

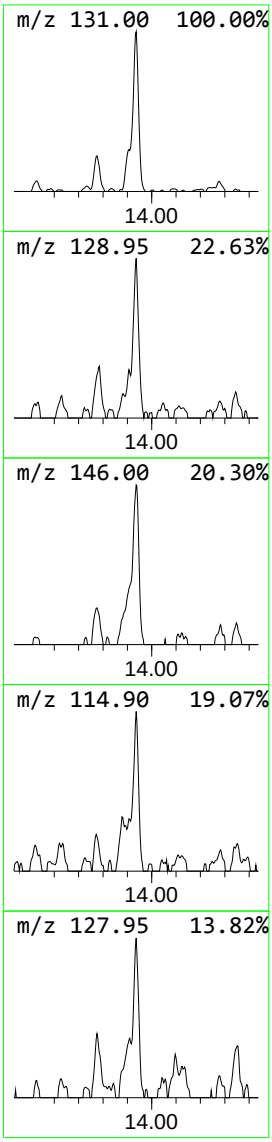
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.936	0.92 ug/L	77143	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059805.D
Acq On : 03 Jul 2024 18:30
Operator : MD/SY
Sample : P3136-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BE5

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: S...	1.988	1.6	ug/L	105228	1	6.242	338536	5.0
(DEL) Alkane: C...	5.631	0.5	ug/L	34448	1	6.242	338536	5.0
Butane, 2-metho...	5.933	0.6	ug/L	43201	1	6.242	338536	5.0
Benzene, (1-met...	11.640	0.7	ug/L	55059	3	11.807	420789	5.0
p-Cymene	12.004	0.5	ug/L	45739	3	11.807	420789	5.0
Benzene, (1-met...	12.679	0.6	ug/L	50017	3	11.807	420789	5.0
Benzene, (3-met...	13.113	0.7	ug/L	55679	3	11.807	420789	5.0
1H-Indene, 2,3-...	13.319	0.6	ug/L	50973	3	11.807	420789	5.0
1H-Indene, 2,3-...	13.936	0.9	ug/L	77143	3	11.807	420789	5.0