LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049336.D
Acq On : 21 Jun 2022 19:05
Operator : SY/MD
Sample : N3400-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD9

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\SFAMUTR061422WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU049336.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.359	3	6	28	rVB	65713	65468	10.11%	1.023%
2	1.475	36	42	43	rBV	8523	6743	1.04%	0.105%
3	1.488	43	46	51	rVB	12571	11436	1.77%	0.179%
4	1.597	69	80	93	rBV3	98551	140817	21.74%	2.201%
5	1.732	117	122	129	rVB2	7620	8173	1.26%	0.128%
6	1.912	170	178	192	rVB	53087	72010	11.12%	1.126%
7	1.993	199	203	214	rVB3	6718	8121	1.25%	0.127%
8	2.154	246	253	262	rVV2	12283	17268	2.67%	0.270%
9	2.205	263	269	277	rVB2	5746	7907	1.22%	0.124%
10	2.568	370	382	394	rBV	88115	140740	21.73%	2.200%
11	2.649	396	407	431	rVV2	13468	35440	5.47%	0.554%
12	3.855	770	782	801	rBV4	7769	18808	2.90%	0.294%
13	4.636	1011	1025	1047	rBV	79332	239536	36.99%	3.744%
14	5.063	1143	1158	1179	rBV	91729	199411	30.79%	3.117%
15	5.726	1342	1364	1377	rBV2	177599	473760	73.16%	7.405%
16	6.250	1510	1527	1546	rBV	185602	353890	54.65%	5.532%
17	6.690	1651	1664	1681	rBV	116340	231016	35.67%	3.611%
18	7.565	1921	1936	1954	rBV	58046	103384	15.96%	1.616%
19	7.899	2027	2040	2053	rBV	207362	362155	55.92%	5.661%
20	7.970	2053	2062	2074	rVB	52509	88659	13.69%	1.386%
21	8.179	2114	2127	2142	rBV2	33637	58716	9.07%	0.918%
22	8.636	2255	2269	2307	rBV2	312590	647584	100.00%	10.122%
23	9.417	2500	2512	2533	rBV	250055	428233	66.13%	6.694%
24	9.571	2549	2560	2576	rBV2	19354	31988	4.94%	0.500%
25	9.694	2585	2598	2611	rBV2	31064	52335	8.08%	0.818%
26	10.102	2714	2725	2743	rBV2	11021	21939	3.39%	0.343%
27	10.237	2757	2767	2778	rBV2	15083	25715	3.97%	0.402%
28	10.484	2832	2844	2854	rBV	18530	27887	4.31%	0.436%
29	10.758	2915	2929	2946	rBV	94397	153997	23.78%	2.407%
30	10.906	2960	2975	2988	rBV	27067	42912	6.63%	0.671%
31	10.999	2995	3004	3008	rBV2	5621	8304	1.28%	0.130%
32	11.044	3012	3018	3027	rVV5	6071	11045	1.71%	0.173%
33	11.288	3086	3094	3104	rVB3	5198	8584	1.33%	0.134%
34	11.468	3137	3150	3163	rBV	20680	33044	5.10%	0.517%
35	11.565	3167	3180	3193	rBV4	23386	52263	8.07%	0.817%
36	11.812	3245	3257	3274	rBV	272593	431260	66.60%	6.741%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049336.D
Acq On : 21 Jun 2022 19:05
Operator : SY/MD
Sample : N3400-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD9

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\SFAMUTR061422WMA.M
Title : TRACE VOA SFAM1.0

37	11.896	3274	3283	3292	rVB	16603	24795	3.83%	0.388%
38	12.060	3318	3334	3363	rBV	294921	588057	90.81%	9.192%
39	12.192	3364	3375	3393	rVB	229733	388061	59.92%	6.066%
40	12.571	3482	3493	3501	rBV	24677	36439	5.63%	0.570%
41	12.774	3543	3556	3569	rBV	36445	58529	9.04%	0.915%
42	12.877	3579	3588	3597	rBV3	5332	9457	1.46%	0.148%
43	12.973	3604	3618	3627	rBV	27783	45580	7.04%	0.712%
44	13.025	3627	3634	3643	rVB	10300	15070	2.33%	0.236%
45	13.295	3707	3718	3730	rVB3	10400	15749	2.43%	0.246%
46	13.449	3746	3766	3782	rBV3	41815	76644	11.84%	1.198%
47	13.562	3794	3801	3810	rBV	4677	6774	1.05%	0.106%
48	13.841	3875	3888	3889	rBV5	7586	10991	1.70%	0.172%
49	13.867	3889	3896	3907	rVB	50835	78643	12.14%	1.229%
50	13.960	3917	3925	3938	rVB6	6860	11928	1.84%	0.186%
51	14.086	3949	3964	3984	rBV	246467	400851	61.90%	6.266%
52	15.227	4310	4319	4330	rVB5	5672	9401	1.45%	0.147%

Sum of corrected areas: 6397517

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
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Acq On : 21 Jun 2022 19:05
Operator : SY/MD
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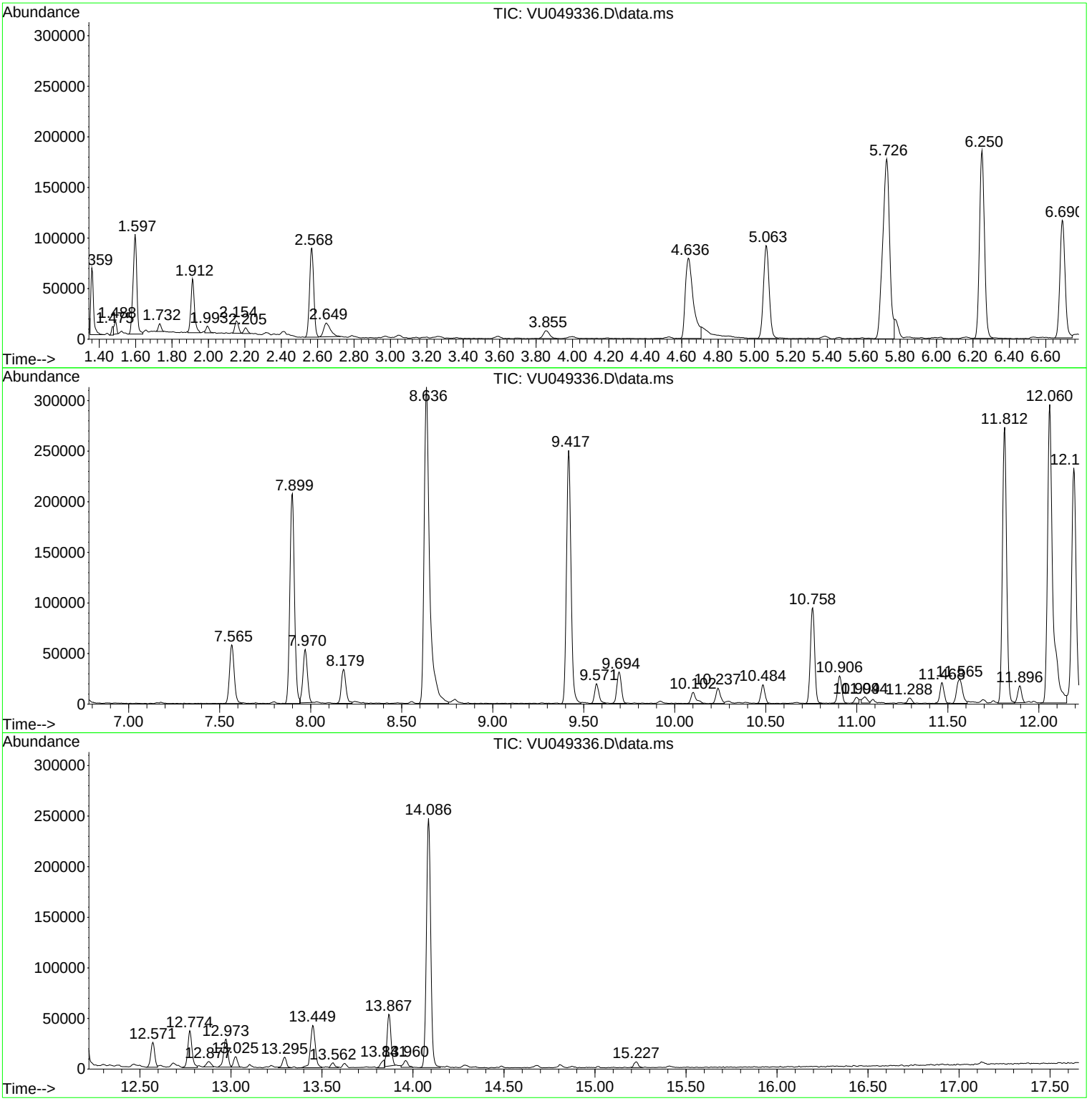
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.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\VU062122\
Data File : VU049336.D
Acq On : 21 Jun 2022 19:05
Operator : SY/MD
Sample : N3400-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD9

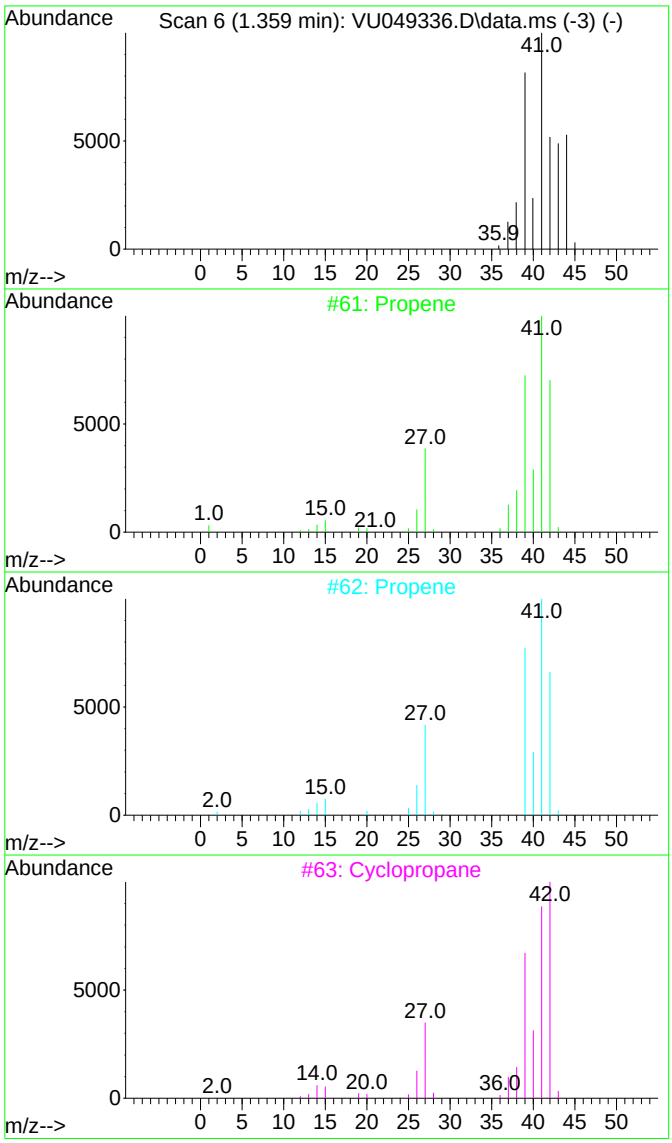
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

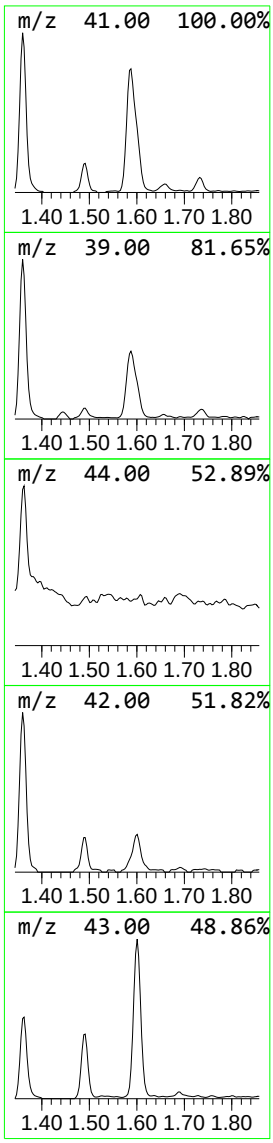
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	0.92 ug/L	65468	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	86
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropane	42	C3H6	000075-19-4	10
4	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9
5	Cyclopropane	42	C3H6	000075-19-4	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049336.D
Acq On : 21 Jun 2022 19:05
Operator : SY/MD
Sample : N3400-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD9

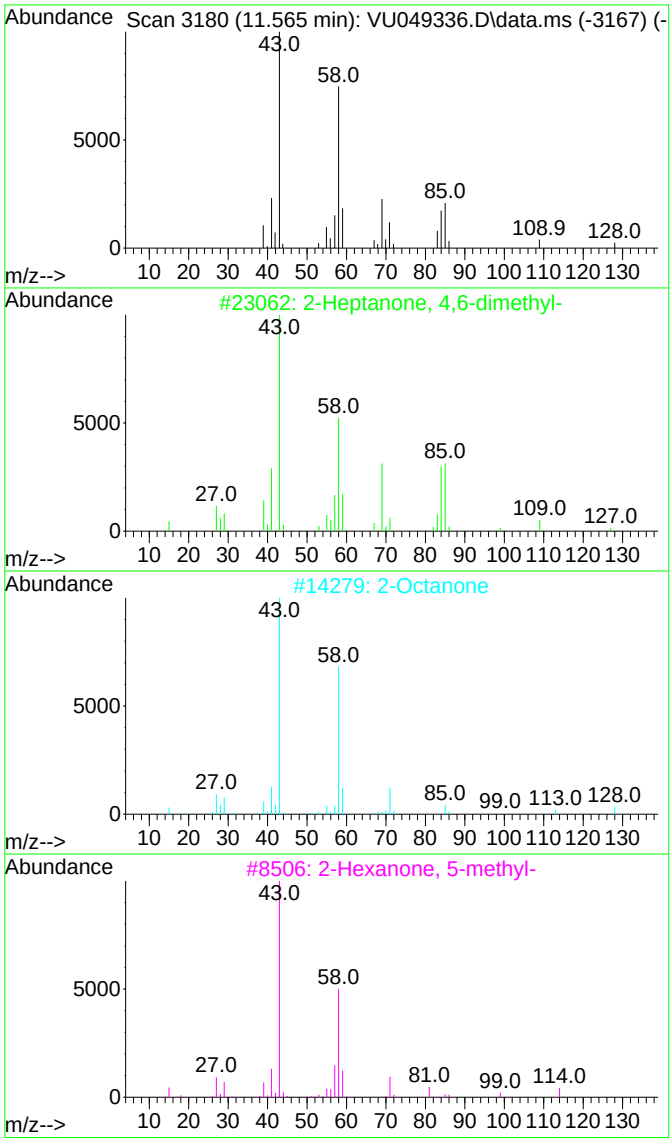
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

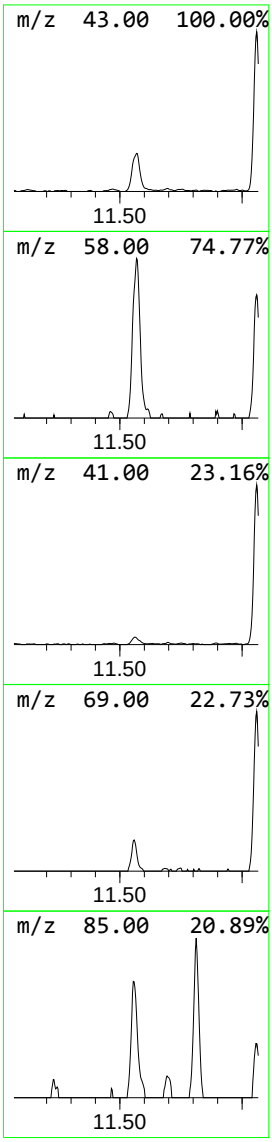
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Heptanone, 4,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.565	0.61 ug/L	52263	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	78
2	2-Octanone	128	C8H16O	000111-13-7	64
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	64
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	59
5	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049336.D
Acq On : 21 Jun 2022 19:05
Operator : SY/MD
Sample : N3400-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD9

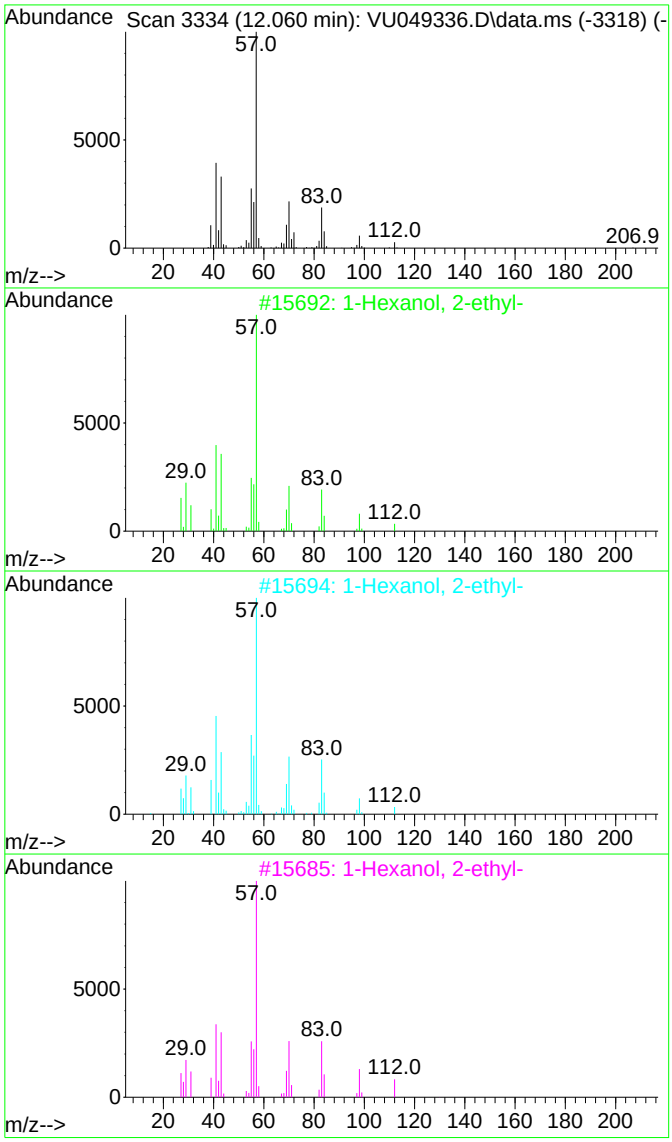
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

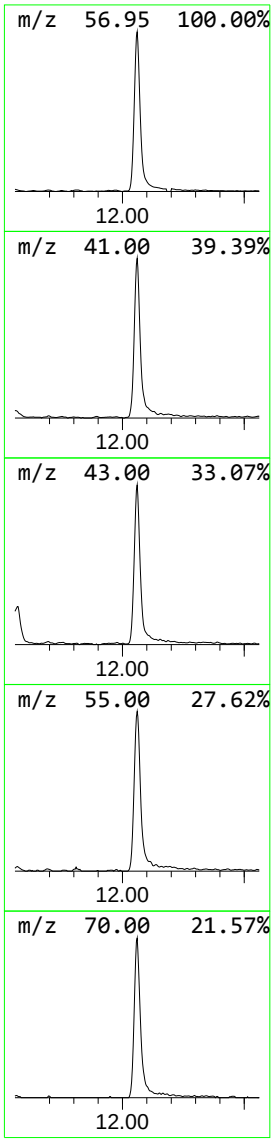
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.060	6.82 ug/L	588057	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	64
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049336.D
Acq On : 21 Jun 2022 19:05
Operator : SY/MD
Sample : N3400-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

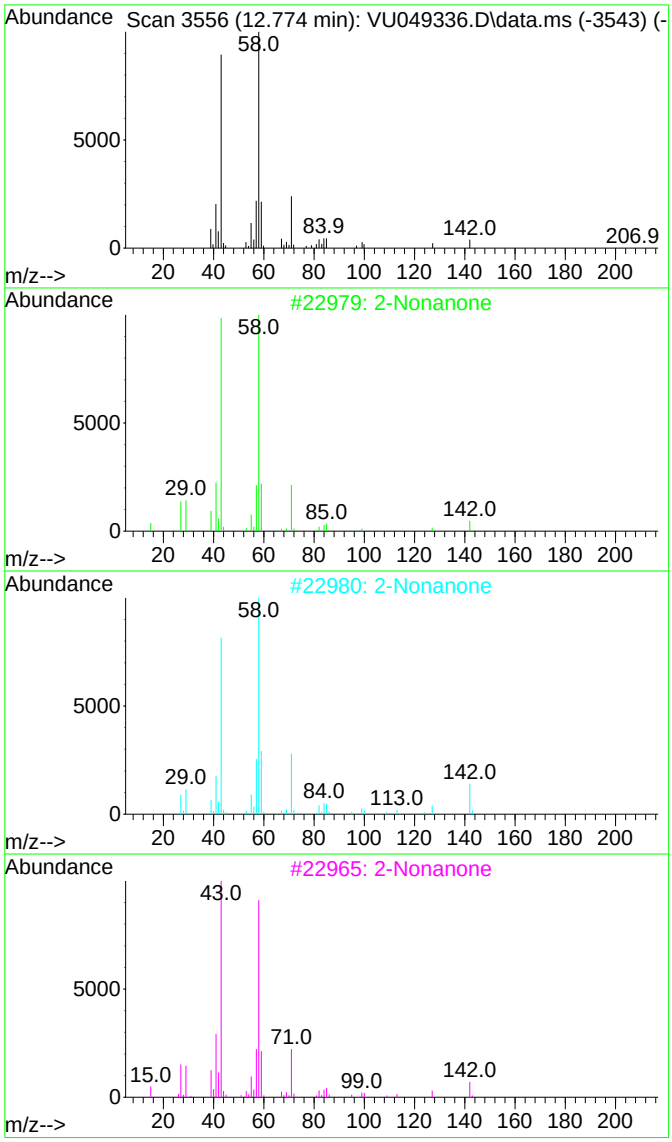
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

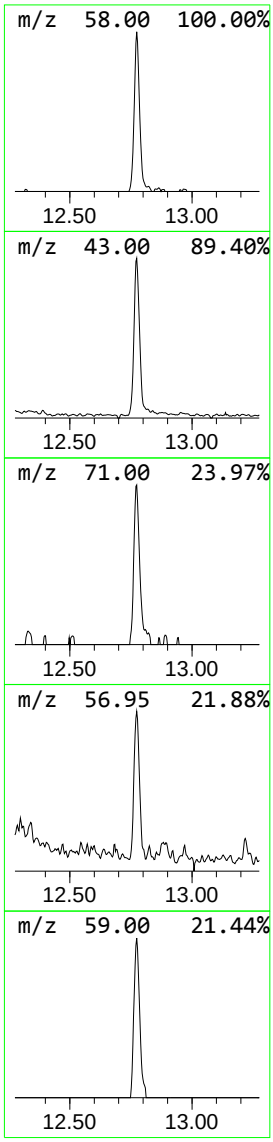
****

Peak Number 5 2-Nonanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.774	0.68 ug/L	58529	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanone	142	C9H18O	000821-55-6	91
2	2-Nonanone	142	C9H18O	000821-55-6	91
3	2-Nonanone	142	C9H18O	000821-55-6	91
4	2-Undecanone	170	C11H22O	000112-12-9	78
5	2-Dodecanone	184	C12H24O	006175-49-1	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049336.D
Acq On : 21 Jun 2022 19:05
Operator : SY/MD
Sample : N3400-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD9

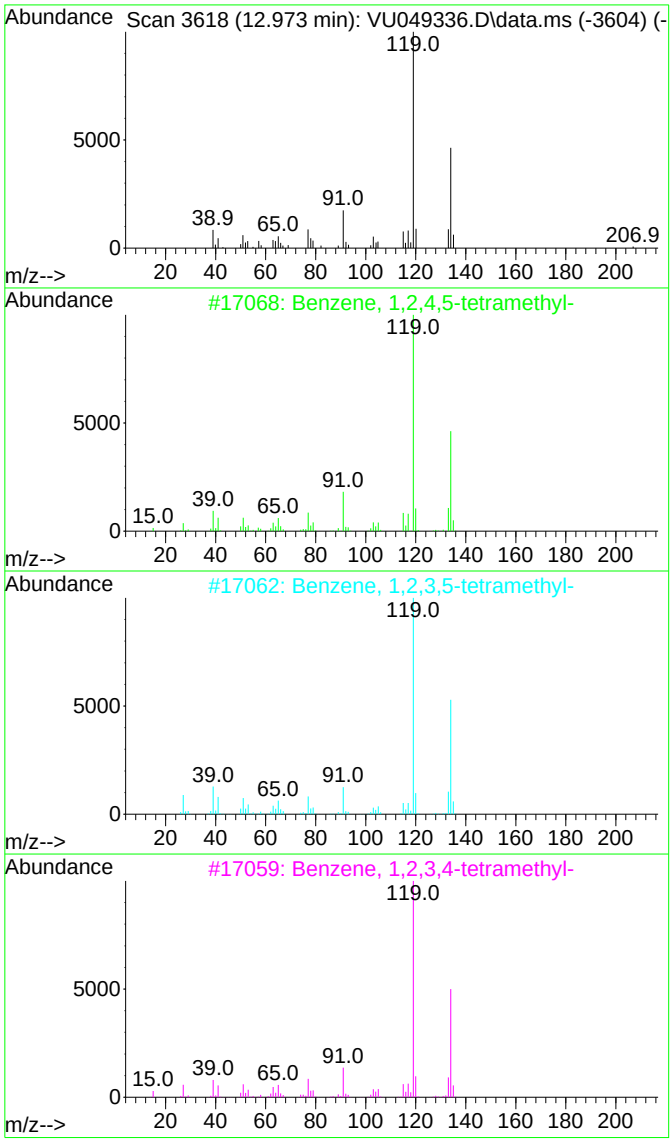
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

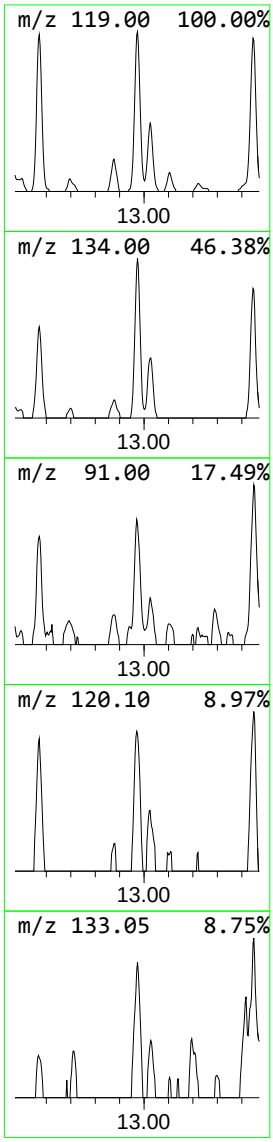
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	0.53 ug/L	45580	1,4-Dichlorobenzene-d4	11.812

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	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049336.D
Acq On : 21 Jun 2022 19:05
Operator : SY/MD
Sample : N3400-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD9

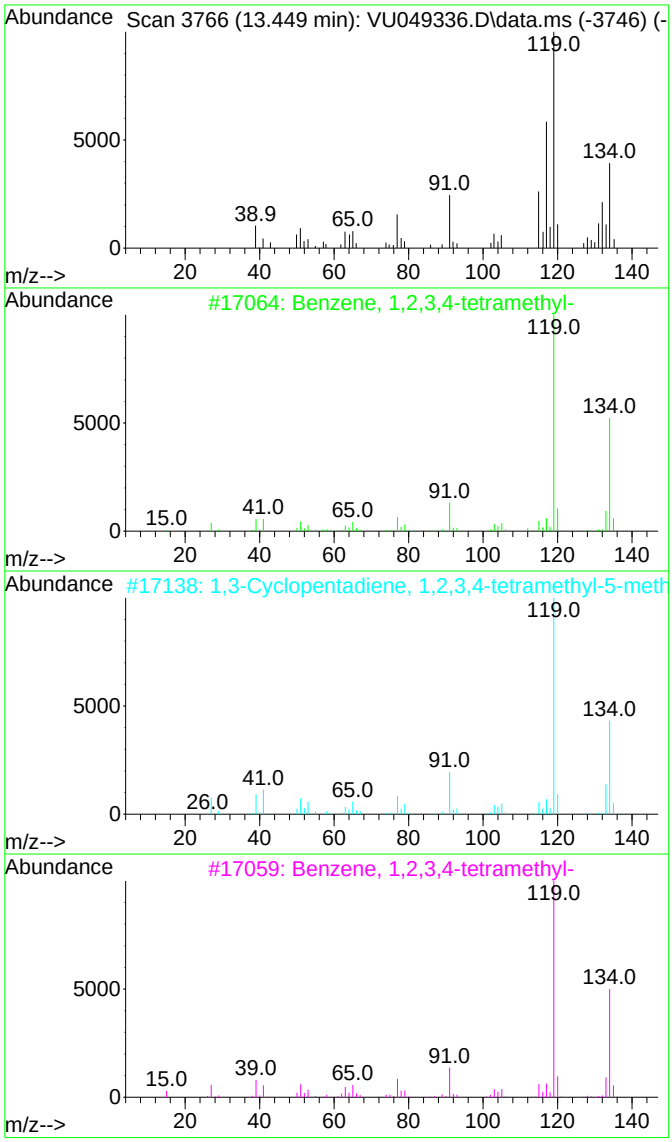
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

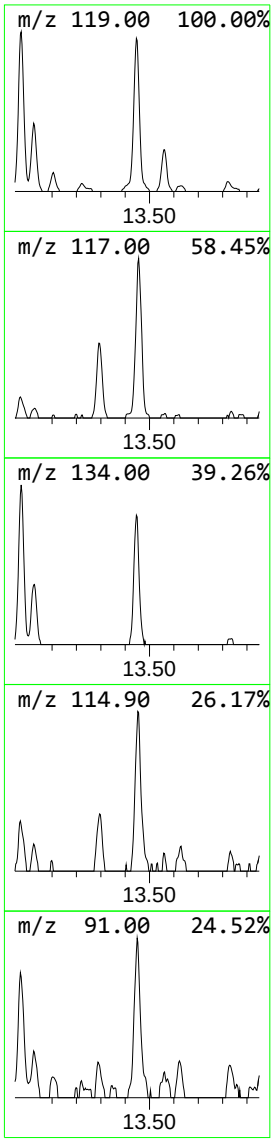
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	0.89 ug/L	76644	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	64
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049336.D
Acq On : 21 Jun 2022 19:05
Operator : SY/MD
Sample : N3400-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD9

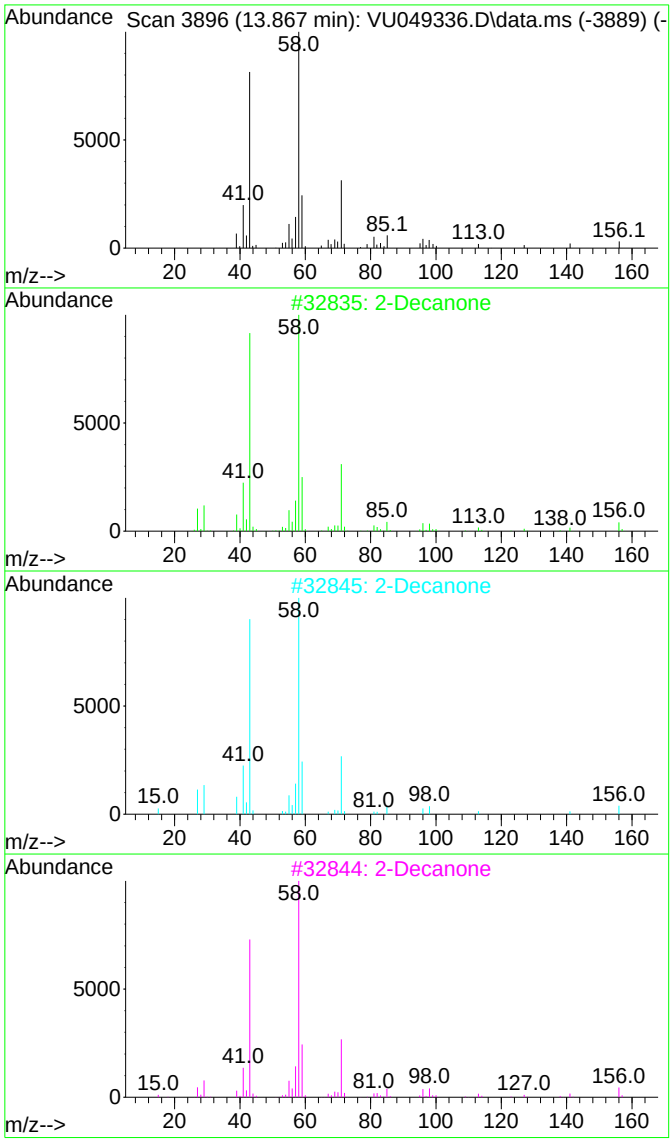
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

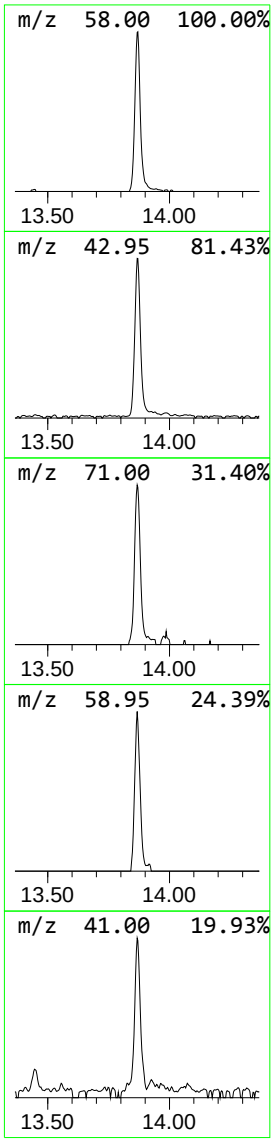
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Decanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.867	0.91 ug/L	78643	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decanone	156	C10H20O	000693-54-9	97
2	2-Decanone	156	C10H20O	000693-54-9	94
3	2-Decanone	156	C10H20O	000693-54-9	87
4	2-Dodecanone	184	C12H24O	006175-49-1	78
5	2-Undecanone	170	C11H22O	000112-12-9	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049336.D
Acq On : 21 Jun 2022 19:05
Operator : SY/MD
Sample : N3400-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

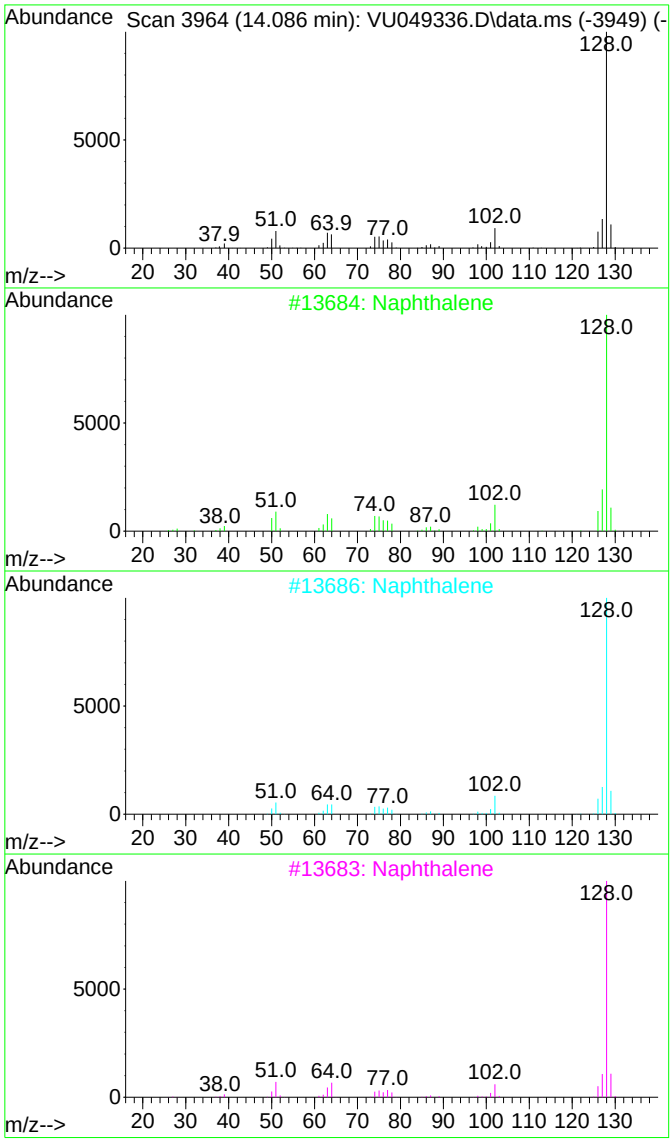
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

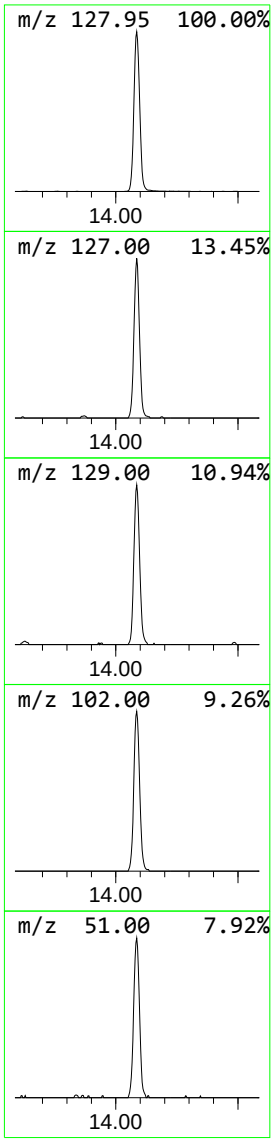
****

Peak Number 9 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	4.65 ug/L	400851	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	97
2	Naphthalene	128	C10H8	000091-20-3	95
3	Naphthalene	128	C10H8	000091-20-3	95
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049336.D
Acq On : 21 Jun 2022 19:05
Operator : SY/MD
Sample : N3400-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.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...	1.359	0.9	ug/L	65468	1	6.250	353890	5.0
2-Heptanone, 4,...	11.565	0.6	ug/L	52263	3	11.812	431260	5.0
1-Hexanol, 2-et...	12.060	6.8	ug/L	588057	3	11.812	431260	5.0
2-Nonanone	12.774	0.7	ug/L	58529	3	11.812	431260	5.0
Benzene, 1,2,4,...	12.973	0.5	ug/L	45580	3	11.812	431260	5.0
Benzene, 1,2,3,...	13.449	0.9	ug/L	76644	3	11.812	431260	5.0
2-Decanone	13.867	0.9	ug/L	78643	3	11.812	431260	5.0
Azulene	14.086	4.7	ug/L	400851	3	11.812	431260	5.0