LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028917.D
Acq On : 12 Nov 2022 08:43
Operator : SY/MD
Sample : N5602-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG7

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV028917.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.105	15	20	35	rVB2	7636	11159	1.29%	0.116%
2	1.207	47	52	56	rBV	29180	21544	2.48%	0.223%
3	1.297	72	80	91	rBV	105418	115274	13.29%	1.195%
4	1.571	156	165	180	rBV	105298	126863	14.63%	1.316%
5	2.114	325	334	353	rVB	213750	330303	38.08%	3.425%
6	2.497	439	453	465	rBV2	55056	105602	12.18%	1.095%
7	3.519	761	771	781	rBV9	4283	9403	1.08%	0.098%
8	3.651	798	812	829	rVB4	16480	46196	5.33%	0.479%
9	3.860	865	877	882	rBV5	8021	16615	1.92%	0.172%
10	3.985	901	916	947	rVB	38403	167755	19.34%	1.740%
11	4.352	1014	1030	1054	rBV	149358	383774	44.25%	3.980%
12	4.741	1139	1151	1166	rBV3	20959	53530	6.17%	0.555%
13	5.040	1228	1244	1261	rBV2	353070	776728	89.56%	8.055%
14	5.616	1409	1423	1440	rBV	313745	624466	72.00%	6.476%
15	5.908	1502	1514	1523	rBV	8902	20594	2.37%	0.214%
16	6.069	1553	1564	1593	rVB	173225	370451	42.71%	3.842%
17	6.448	1666	1682	1700	rVB2	27674	57063	6.58%	0.592%
18	6.796	1772	1790	1807	rBV8	8569	23611	2.72%	0.245%
19	6.992	1835	1851	1859	rBV	93945	167335	19.29%	1.735%
20	7.030	1859	1863	1893	rVV2	49168	96067	11.08%	0.996%
21	7.172	1893	1907	1919	rVB2	12036	29150	3.36%	0.302%
22	7.320	1940	1953	1980	rBV	494409	867317	100.00%	8.995%
23	7.628	2041	2049	2069	rVB	47195	83754	9.66%	0.869%
24	7.841	2105	2115	2122	rBV4	13610	23362	2.69%	0.242%
25	7.963	2143	2153	2163	rBV10	4841	8709	1.00%	0.090%
26	8.027	2163	2173	2183	rVB8	7315	13750	1.59%	0.143%
27	8.114	2186	2200	2251	rBV2	374711	856909	98.80%	8.887%
28	8.390	2278	2286	2292	rBV6	8562	13294	1.53%	0.138%
29	8.850	2413	2429	2450	rBV	474315	792085	91.33%	8.214%
30	8.960	2460	2463	2480	rVB10	5043	10168	1.17%	0.105%
31	9.104	2496	2508	2527	rBV4	60977	130875	15.09%	1.357%
32	9.230	2538	2547	2555	rBV6	7703	12936	1.49%	0.134%
33	9.313	2565	2573	2583	rVB3	14384	23319	2.69%	0.242%
34	9.487	2613	2627	2639	rVB2	26045	49801	5.74%	0.516%
35	9.638	2666	2674	2691	rBV2	4613	11343	1.31%	0.118%
36	9.863	2731	2744	2752	rVB2	6042	11658	1.34%	0.121%

LSC Area Percent Report

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ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG7

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Title : TRACE VOA SFAM1.0

37	9.937	2756	2767	2779	rBV6	8218	20869	2.41%	0.216%
38	10.120	2808	2824	2835	rBV7	13577	27875	3.21%	0.289%
39	10.213	2841	2853	2868	rBV	159304	252084	29.06%	2.614%
40	10.352	2890	2896	2912	rVB9	3923	9053	1.04%	0.094%
41	10.757	3010	3022	3032	rBV9	4832	9996	1.15%	0.104%
42	10.857	3041	3053	3064	rBV	46370	70625	8.14%	0.732%
43	11.014	3087	3102	3107	rBV10	9146	18340	2.11%	0.190%
44	11.053	3107	3114	3119	rBV	18774	25543	2.95%	0.265%
45	11.178	3142	3153	3160	rBV9	7180	11468	1.32%	0.119%
46	11.242	3160	3173	3196	rBV	514512	806197	92.95%	8.361%
47	11.429	3221	3231	3239	rBV9	5961	11706	1.35%	0.121%
48	11.532	3251	3263	3273	rBV6	8983	20795	2.40%	0.216%
49	11.615	3277	3289	3310	rVB	459882	752932	86.81%	7.808%
50	11.738	3319	3327	3339	rVB2	21008	32587	3.76%	0.338%
51	11.834	3350	3357	3372	rVB4	29773	51102	5.89%	0.530%
52	11.975	3391	3401	3409	rBV9	7853	13007	1.50%	0.135%
53	12.040	3411	3421	3437	rBV9	15011	42221	4.87%	0.438%
54	12.111	3437	3443	3452	rBV7	6339	11328	1.31%	0.117%
55	12.188	3459	3467	3474	rBV	23995	34945	4.03%	0.362%
56	12.236	3475	3482	3488	rVV7	10244	17788	2.05%	0.184%
57	12.291	3488	3499	3510	rVB2	49387	87874	10.13%	0.911%
58	12.403	3527	3534	3546	rVV5	19786	35838	4.13%	0.372%
59	12.541	3567	3577	3586	rBV2	27450	45722	5.27%	0.474%
60	12.644	3601	3609	3611	rBV8	9327	12126	1.40%	0.126%
61	12.673	3612	3618	3628	rVB2	28046	44311	5.11%	0.460%
62	12.747	3630	3641	3652	rBV2	35172	56396	6.50%	0.585%
63	12.824	3654	3665	3671	rBV2	8516	15786	1.82%	0.164%
64	12.908	3683	3691	3697	rBV7	9560	16239	1.87%	0.168%
65	12.943	3697	3702	3717	rVB6	11453	19665	2.27%	0.204%
66	13.069	3735	3741	3751	rVB10	6947	11266	1.30%	0.117%
67	13.210	3780	3785	3792	rVB	13896	17261	1.99%	0.179%
68	13.631	3910	3916	3921	rBV3	7821	10446	1.20%	0.108%
69	13.692	3929	3935	3948	rVB2	35815	60609	6.99%	0.629%
70	13.760	3949	3956	3964	rBV2	15485	24774	2.86%	0.257%
71	13.834	3971	3979	3988	rVB	36386	52736	6.08%	0.547%
72	13.918	3997	4005	4017	rVB6	51578	89541	10.32%	0.929%
73	13.991	4021	4028	4037	rBV3	31118	49998	5.76%	0.519%
74	14.271	4108	4115	4127	rVB4	50424	94290	10.87%	0.978%
75	14.561	4199	4205	4213	rBV6	16717	24598	2.84%	0.255%
76	14.663	4231	4237	4246	rBV9	17985	30258	3.49%	0.314%

LSC Area Percent Report

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Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG7

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Title : TRACE VOA SFAM1.0

77	14.776	4266	4272	4277	rBV5	17733	26900	3.10%	0.279%
78	16.168	4697	4705	4720	rBV3	50204	88664	10.22%	0.920%
79	16.294	4740	4744	4751	rVB4	8209	10336	1.19%	0.107%
80	16.352	4758	4762	4770	rVB5	9182	13769	1.59%	0.143%

Sum of corrected areas: 9642627

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028917.D
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Operator : SY/MD
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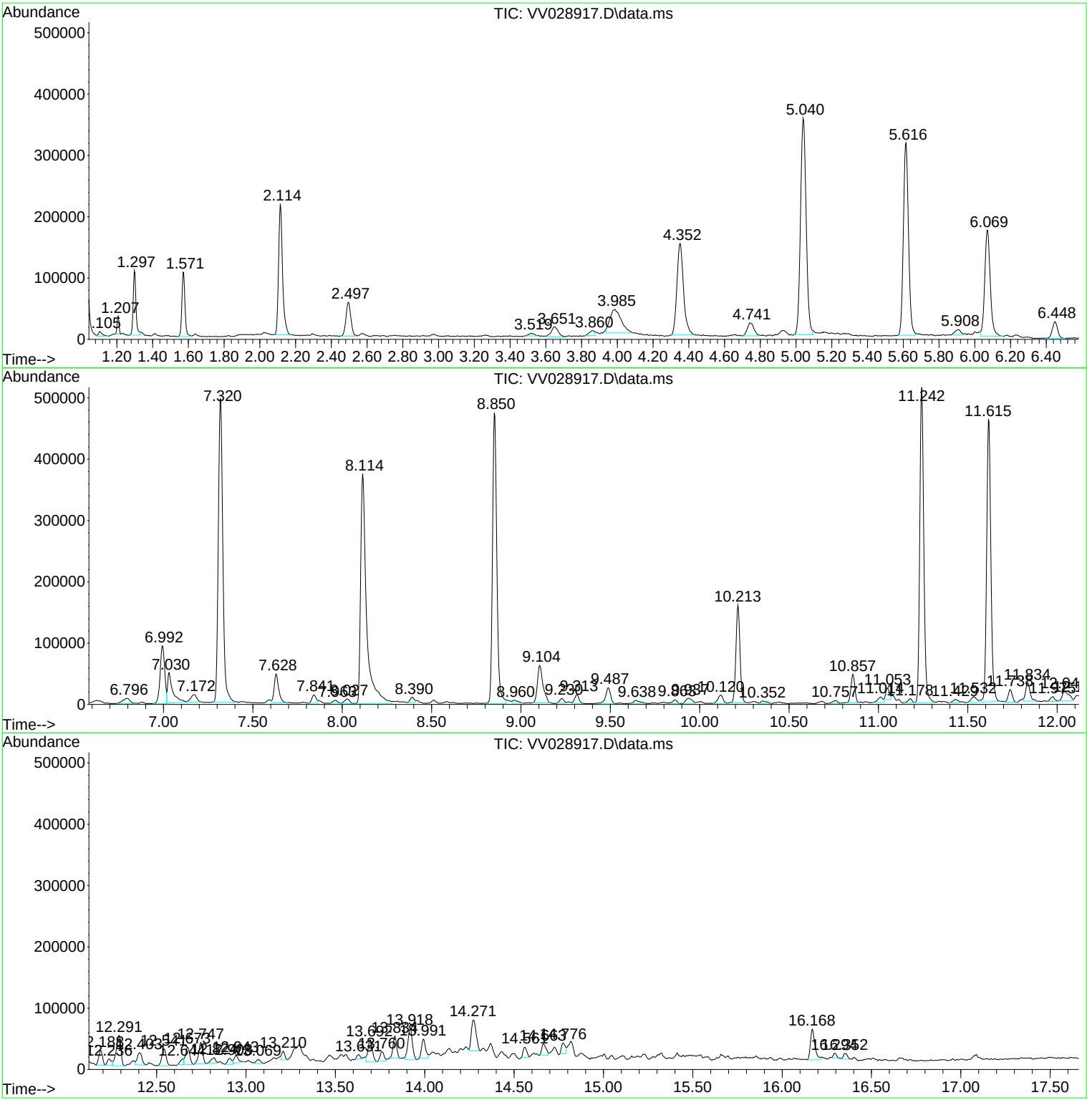
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028917.D
Acq On : 12 Nov 2022 08:43
Operator : SY/MD
Sample : N5602-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG7

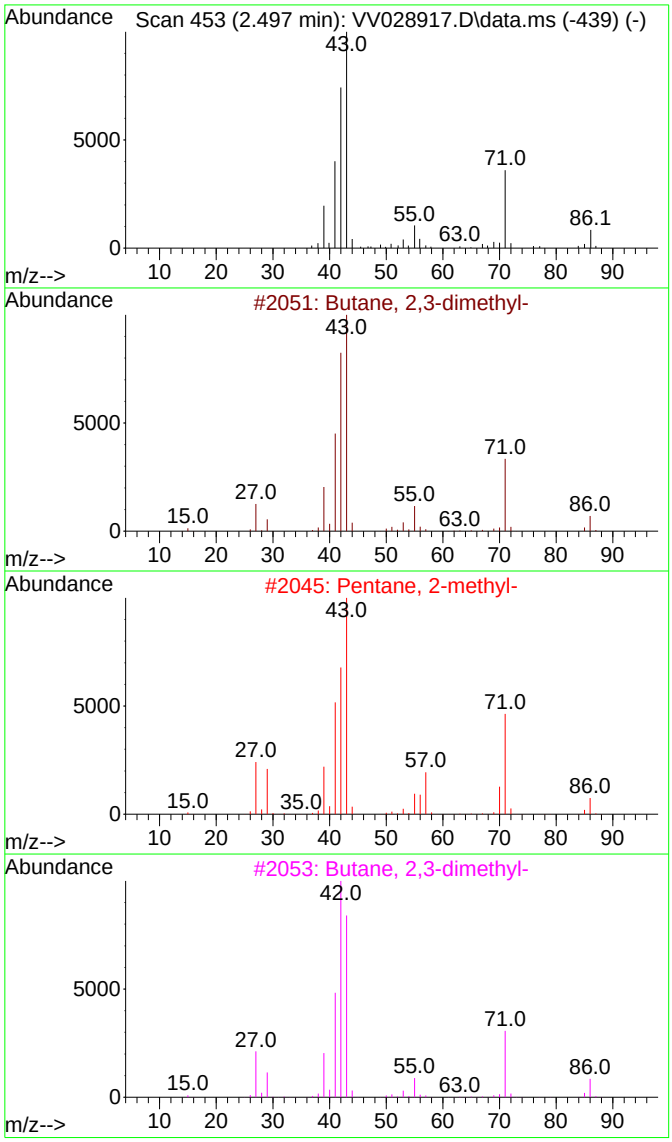
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

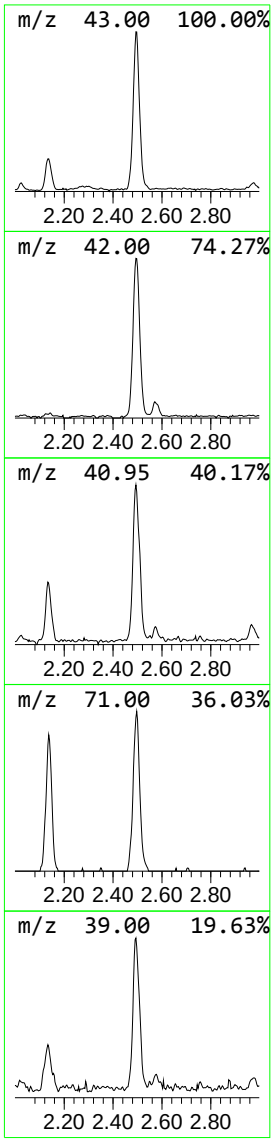
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.497	0.85 ug/L	105602	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	87
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	83
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	78
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028917.D
Acq On : 12 Nov 2022 08:43
Operator : SY/MD
Sample : N5602-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

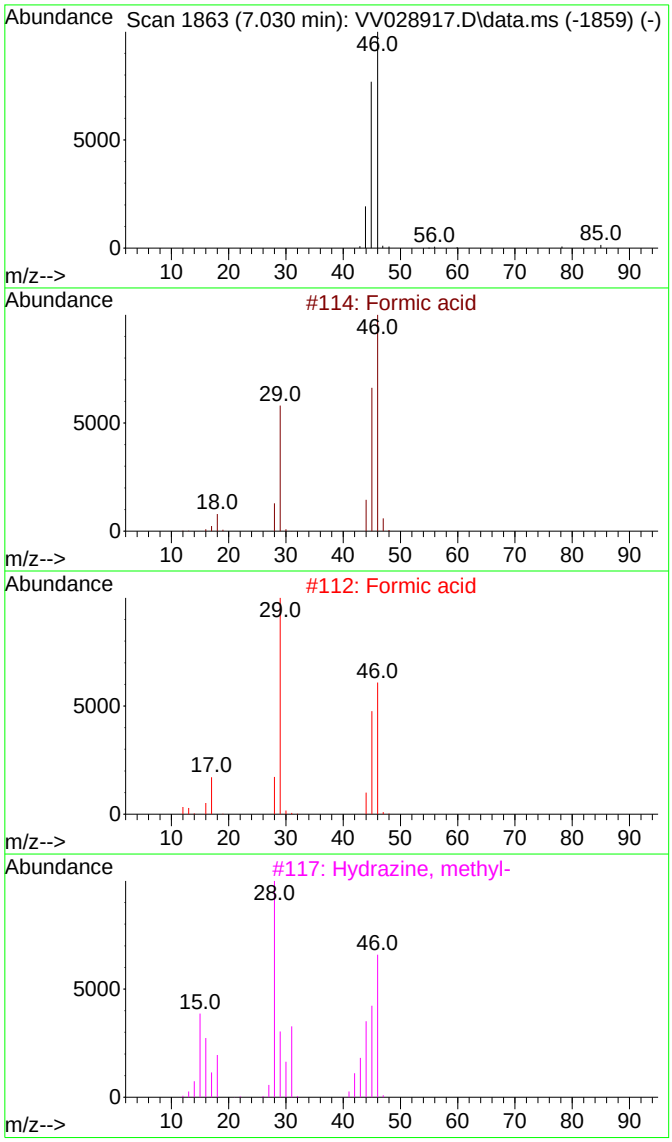
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

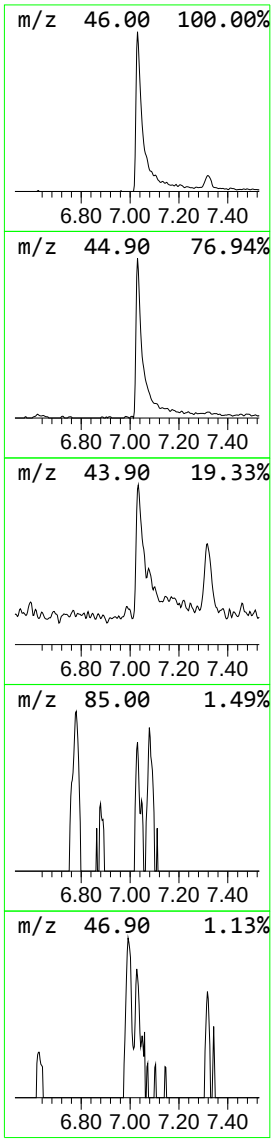
****

Peak Number 3 Formic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.030	0.77 ug/L	96067	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid	46	CH2O2	000064-18-6	74
2	Formic acid	46	CH2O2	000064-18-6	9
3	Hydrazine, methyl-	46	CH6N2	000060-34-4	9
4	Formic acid	46	CH2O2	000064-18-6	9
5	1-Butaneboronic acid	102	C4H11BO2	004426-47-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028917.D
Acq On : 12 Nov 2022 08:43
Operator : SY/MD
Sample : N5602-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG7

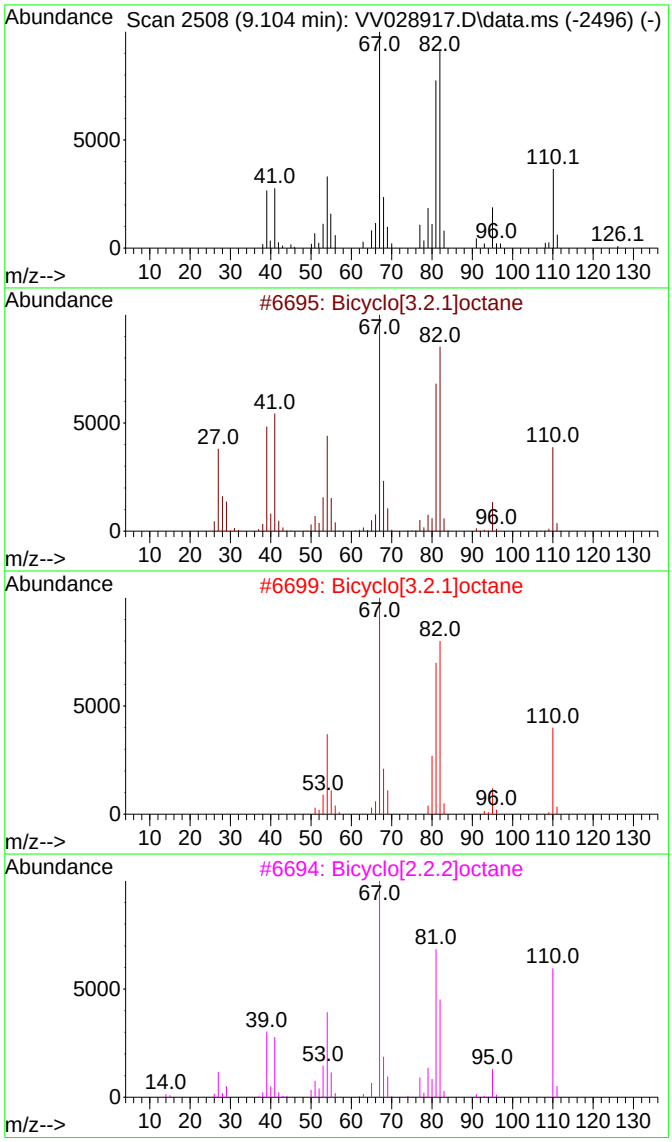
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

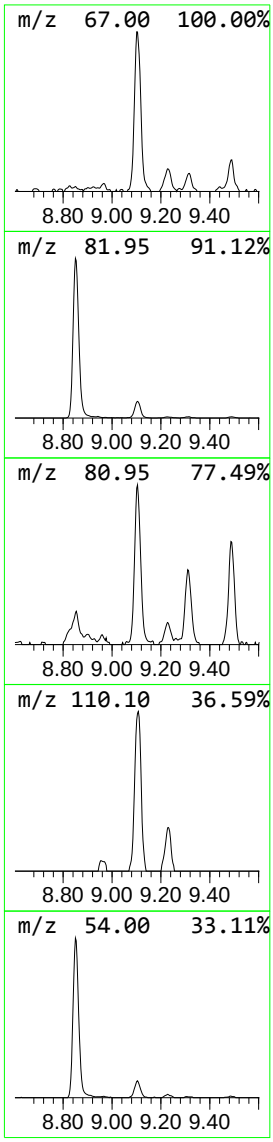
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Bicyclo[3.2.1]octane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	0.83 ug/L	130875	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	95
2	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	94
3	Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	93
4	Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	72
5	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028917.D
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ClientSampleId :
C0AG7

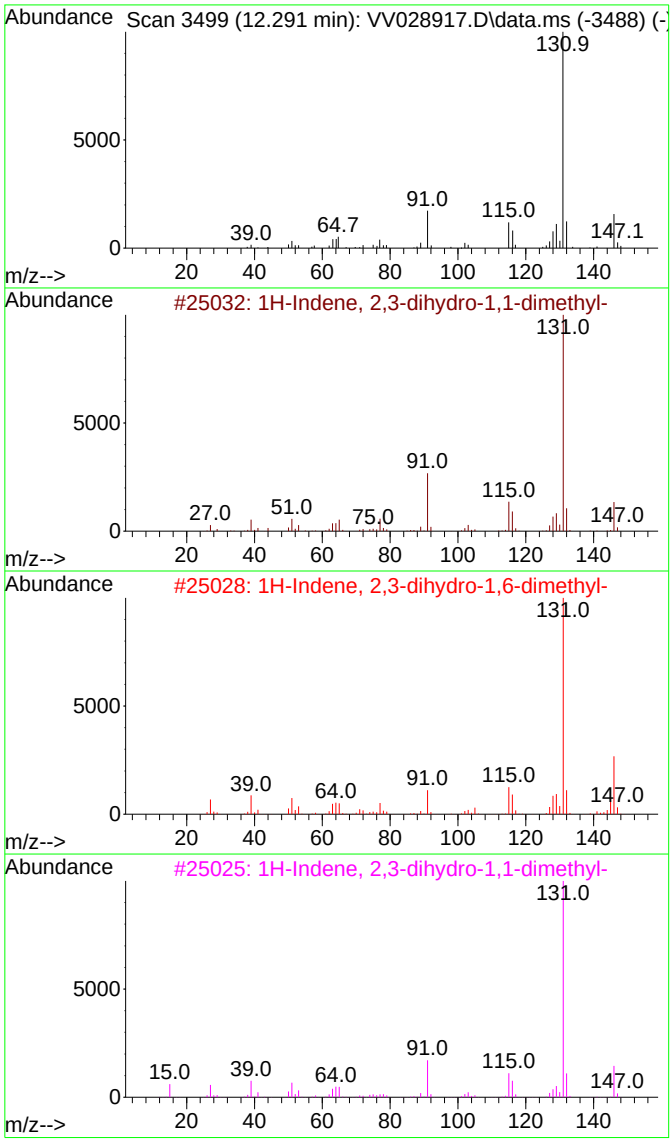
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

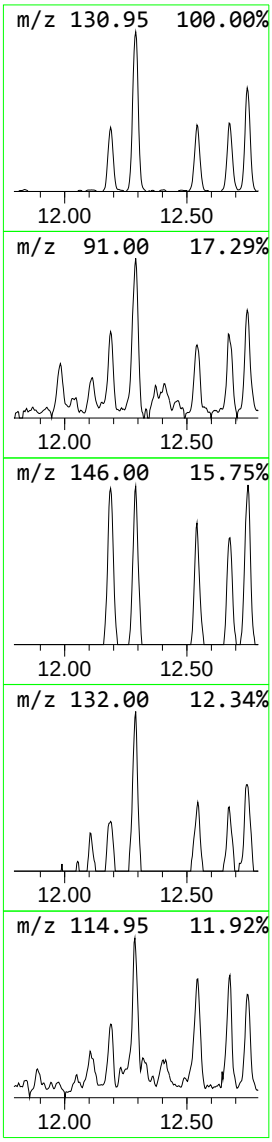
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.291	0.54 ug/L	87874	1,4-Dichlorobenzene-d4	11.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	93
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87





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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

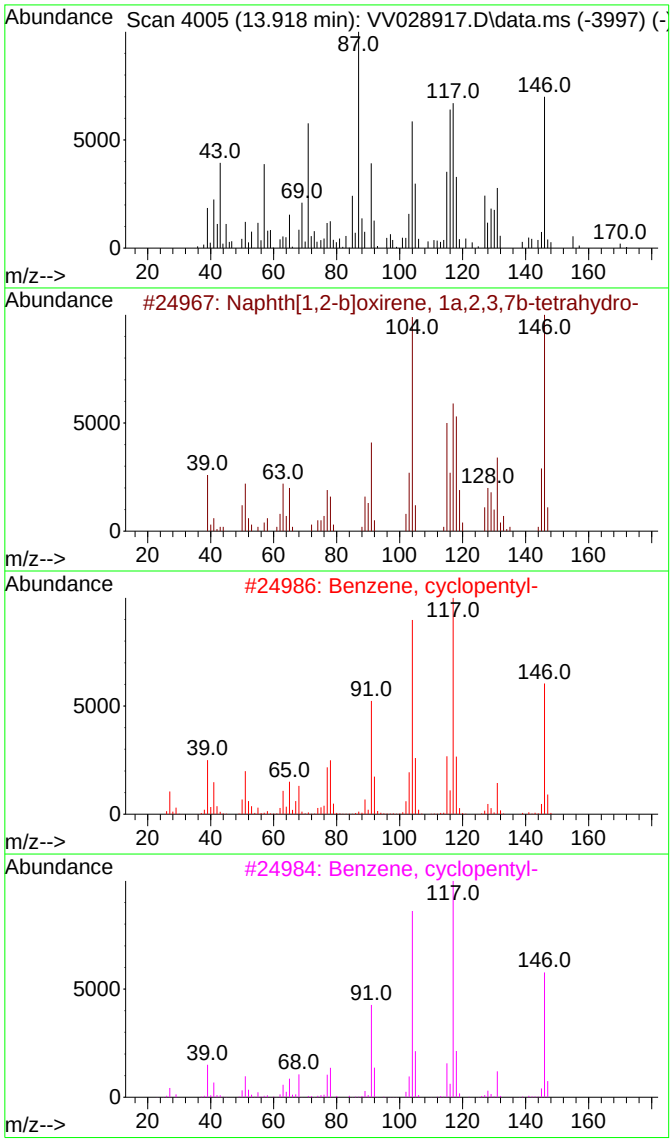
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

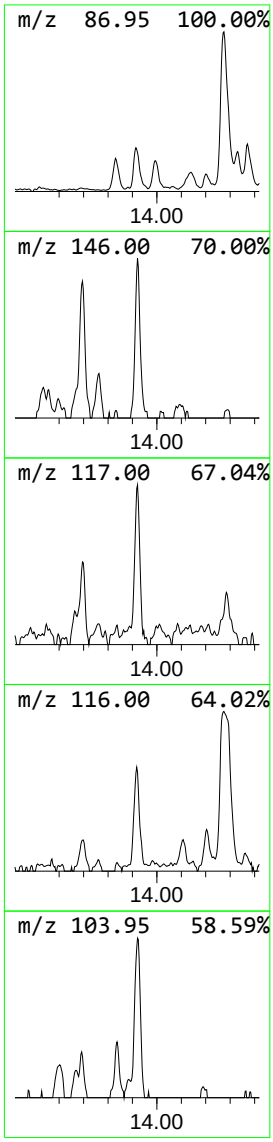
****

Peak Number 6 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.918	0.56 ug/L	89541	1,4-Dichlorobenzene-d4	11.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	42
2	Benzene, cyclopentyl-	146	C11H14	000700-88-9	42
3	Benzene, cyclopentyl-	146	C11H14	000700-88-9	38
4	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	38
5	Tetrahydrothiophene-2-carboxylic...	146	C6H10O2S	113990-87-7	30





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Data File : VV028917.D
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Sample : N5602-15
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ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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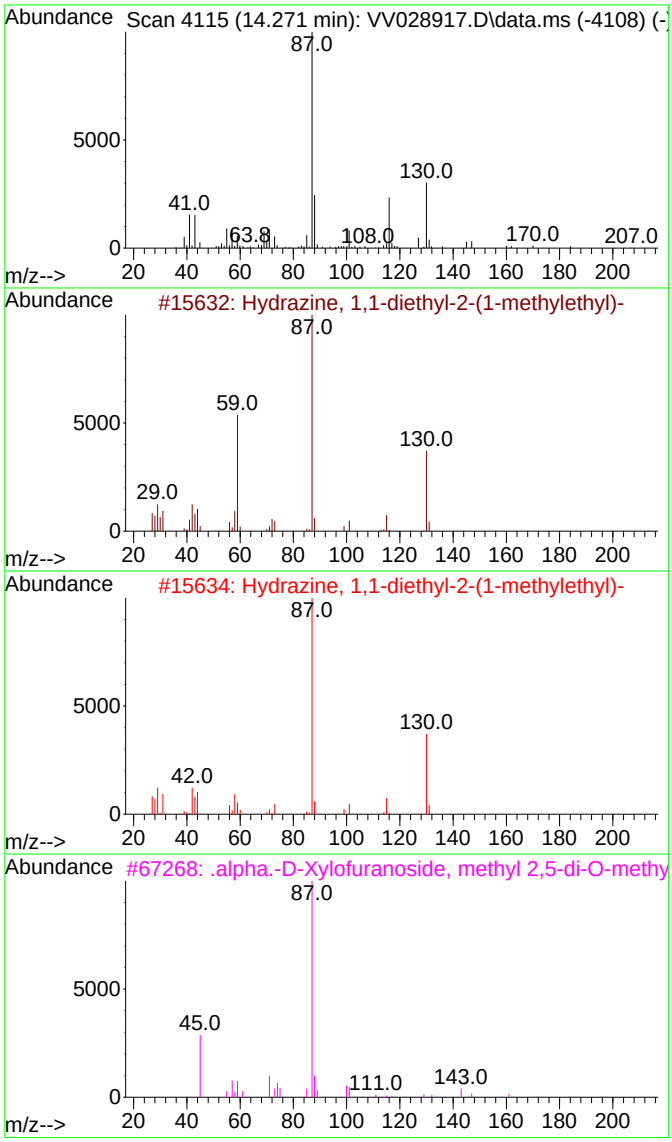
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

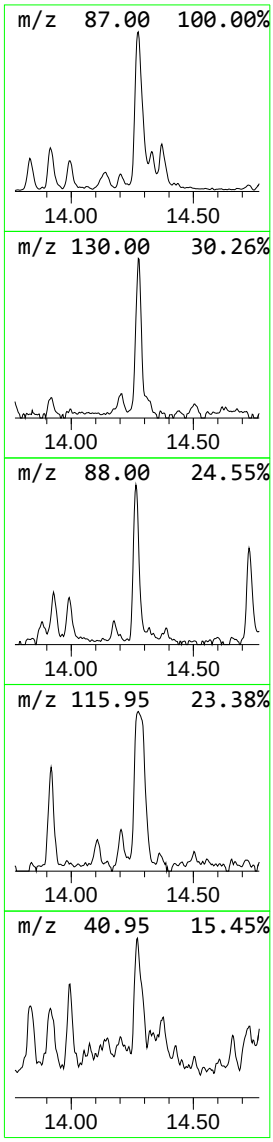
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hydrazine, 1,1-diethyl-2-(1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.271	0.58 ug/L	94290	1,4-Dichlorobenzene-d4	11.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-diethyl-2-(1-meth...	130	C7H18N2	067398-39-4	58
2	Hydrazine, 1,1-diethyl-2-(1-meth...	130	C7H18N2	067398-39-4	53
3	.alpha.-D-Xylofuranoside, methyl...	192	C8H16O5	035007-52-4	47
4	1,1-diethyl-2-methyl-1-sila-3-th...	174	C8H18SSi	059405-96-8	43
5	2-[2-[2-[2-[2-[2-[2-(2-Acetyl...	498	C22H42O12	1010351-90-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028917.D
Acq On : 12 Nov 2022 08:43
Operator : SY/MD
Sample : N5602-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG7

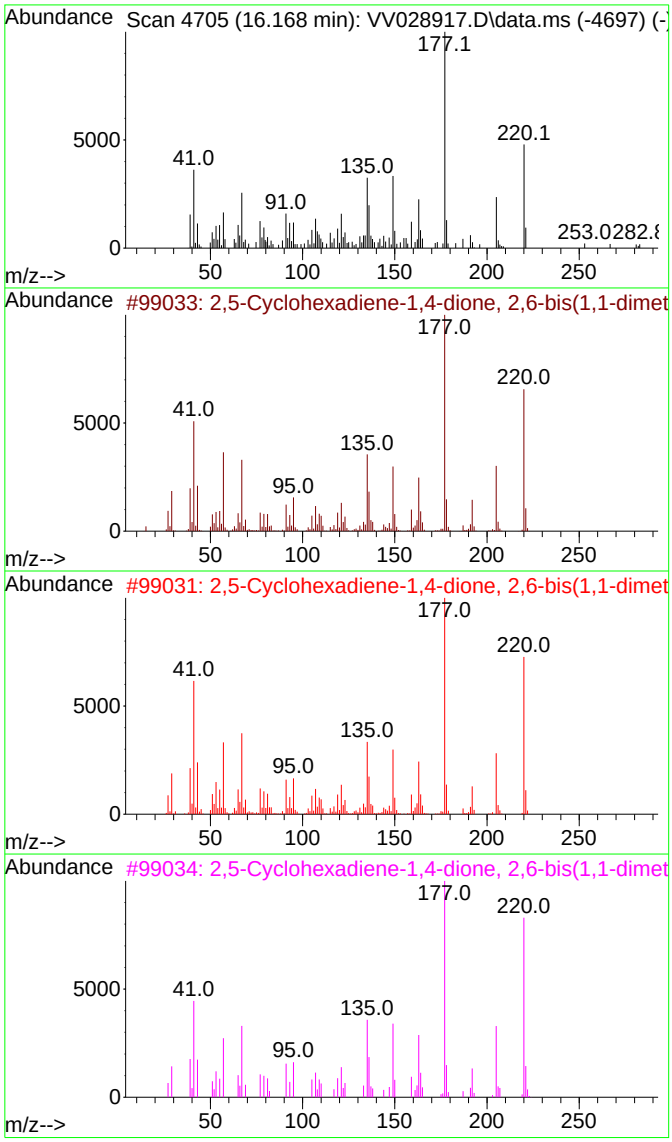
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

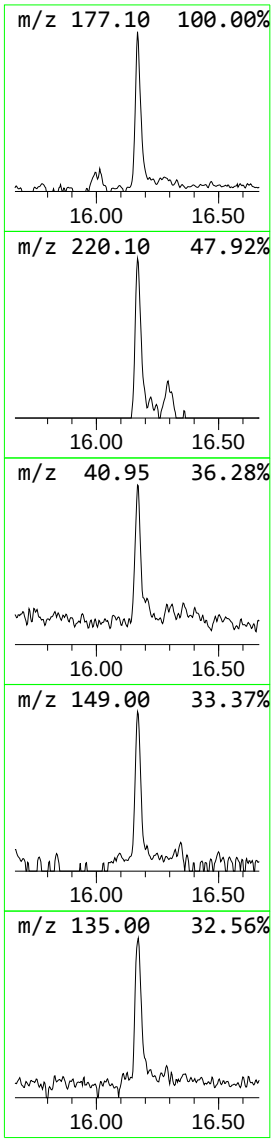
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.168	0.55 ug/L	88664	1,4-Dichlorobenzene-d4	11.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	95
2	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	95
3	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	95
4	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	95
5	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028917.D
Acq On : 12 Nov 2022 08:43
Operator : SY/MD
Sample : N5602-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.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...	2.497	0.8	ug/L	105602	1	5.616	624466	5.0
Formic acid	7.030	0.8	ug/L	96067	1	5.616	624466	5.0
Bicyclo[3.2.1]o...	9.104	0.8	ug/L	130875	2	8.850	792085	5.0
1H-Indene, 2,3-...	12.291	0.5	ug/L	87874	3	11.242	806197	5.0
unknown-01	13.918	0.6	ug/L	89541	3	11.242	806197	5.0
Hydrazine, 1,1-...	14.271	0.6	ug/L	94290	3	11.242	806197	5.0
2,5-Cyclohexadi...	16.168	0.6	ug/L	88664	3	11.242	806197	5.0