LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

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\SFAMVTR061522WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV026431.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.130	21	28	44	rBV2	475531	531078	1.77%	0.493%
2	1.217	44	55	71	rBV	6833263	9972581	33.27%	9.262%
3	1.314	78	85	97	rBV	7506807	7714603	25.74%	7.165%
4	1.436	116	123	133	rVV	3721905	4473172	14.92%	4.154%
5	1.484	135	138	154	rVB	716313	1120871	3.74%	1.041%
6	2.127	330	338	352	rVB	233601	349159	1.16%	0.324%
7	2.227	354	369	387	rBV	1610512	2593358	8.65%	2.409%
8	2.314	387	396	409	rVB	445948	662561	2.21%	0.615%
9	3.281	684	697	718	rVB2	189692	465524	1.55%	0.432%
10	3.937	885	901	959	rBV4	67258	365551	1.22%	0.339%
11	4.368	1018	1035	1065	rBV	155591	439942	1.47%	0.409%
12	5.059	1234	1250	1262	rBV2	336557	835950	2.79%	0.776%
13	5.625	1415	1426	1446	rVV	292528	586636	1.96%	0.545%
14	5.741	1448	1462	1493	rVV	623796	1365841	4.56%	1.268%
15	6.079	1553	1567	1593	rBV	185095	415421	1.39%	0.386%
16	6.580	1706	1723	1765	rBV	1997213	4232114	14.12%	3.930%
17	7.098	1870	1884	1915	rBV	141248	468843	1.56%	0.435%
18	7.233	1916	1926	1932	rBV	298912	544858	1.82%	0.506%
19	7.320	1945	1953	1966	rVB	469772	824980	2.75%	0.766%
20	7.574	2021	2032	2043	rBV	450604	769267	2.57%	0.714%
21	7.934	2133	2144	2163	rVB	277635	492942	1.64%	0.458%
22	8.088	2173	2192	2210	rBV2	470295	1021300	3.41%	0.949%
23	8.854	2406	2430	2443	rBV	434499	740237	2.47%	0.687%
24	10.336	2877	2891	2940	rBV	15399883	24567902	81.96%	22.817%
25	10.564	2956	2962	2991	rVB3	165015	411036	1.37%	0.382%
26	10.815	3032	3040	3060	rVB	268518	479866	1.60%	0.446%
27	11.059	3101	3116	3125	rBV2	125732	300347	1.00%	0.279%
28	11.162	3141	3148	3158	rVB	218616	317804	1.06%	0.295%
29	11.246	3166	3174	3194	rVB2	525896	861419	2.87%	0.800%
30	11.532	3249	3263	3284	rBV	19359080	29976064	100.00%	27.840%
31	11.622	3285	3291	3310	rVB	477707	936459	3.12%	0.870%
32	12.381	3519	3527	3545	rVB	202787	368195	1.23%	0.342%
33	12.503	3556	3565	3582	rBV	835878	1392194	4.64%	1.293%
34	12.628	3596	3604	3610	rBV	804302	1219663	4.07%	1.133%
35	12.670	3610	3617	3629	rVB2	1393593	2198439	7.33%	2.042%
36	13.062	3729	3739	3760	rBV6	195301	544186	1.82%	0.505%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

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\SFAMVTR061522WMA.M
Title : TRACE VOA SFAM1.0

37	13.162	3762	3770	3780	rBV9	155212	346639	1.16%	0.322%
38	13.879	3984	3993	4016	rVB	1022102	1553362	5.18%	1.443%
39	14.561	4195	4205	4217	rBV	439215	679130	2.27%	0.631%
40	14.930	4308	4320	4331	rBV	323627	534303	1.78%	0.496%

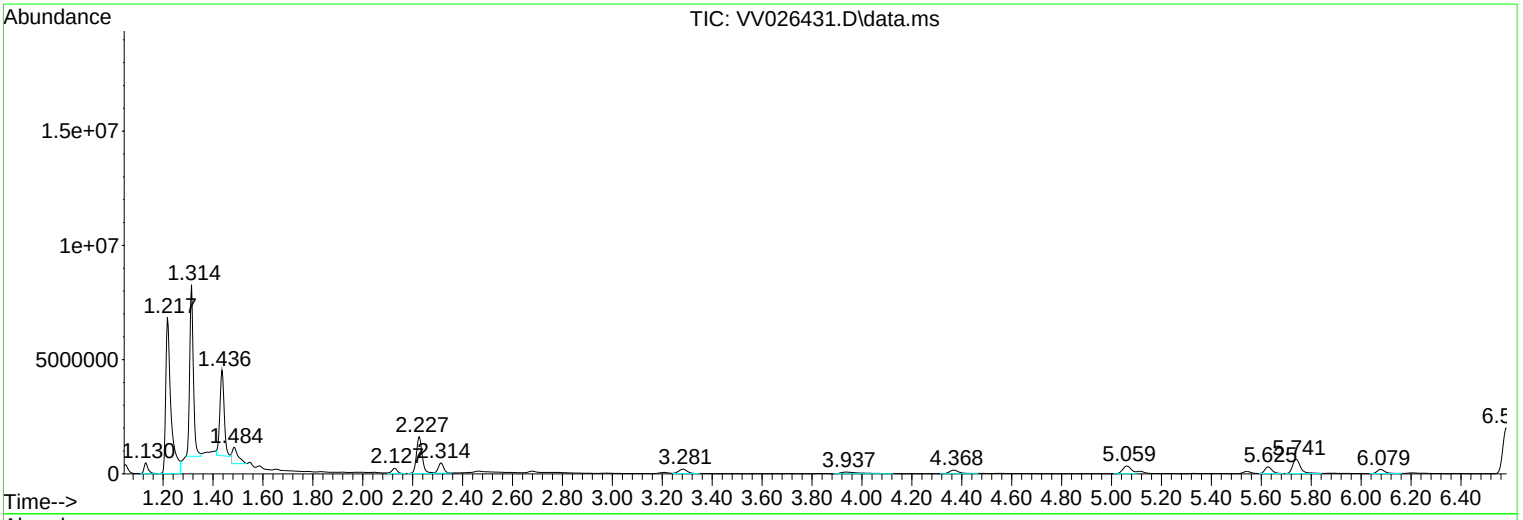
Sum of corrected areas: 107673797

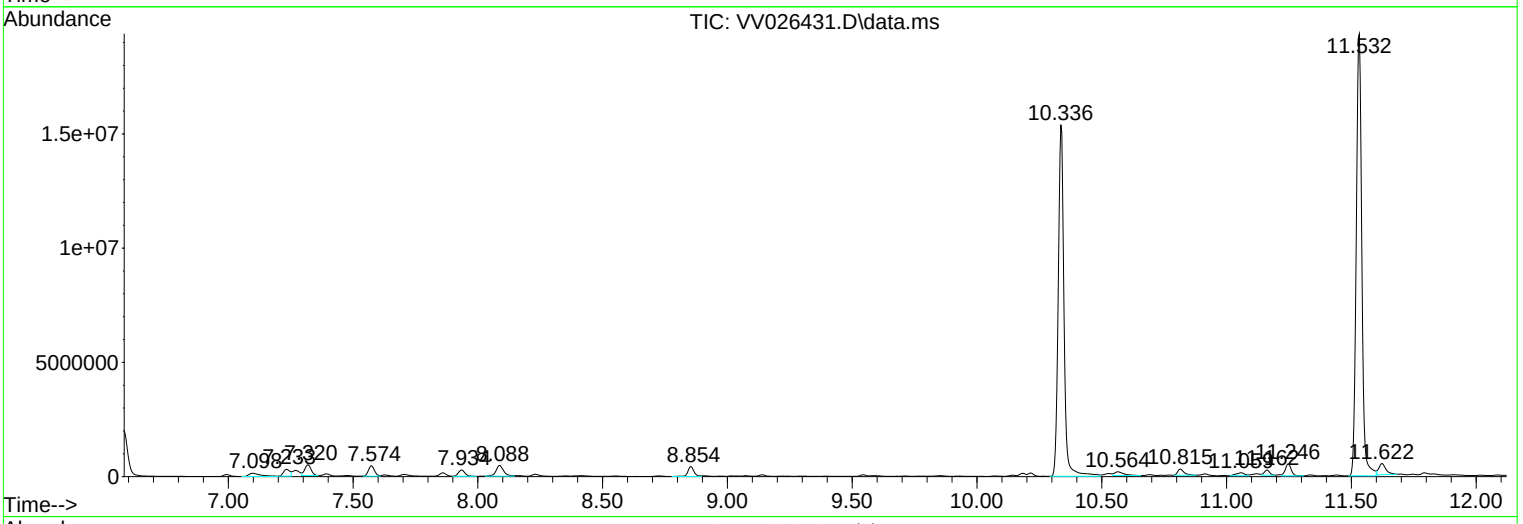
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

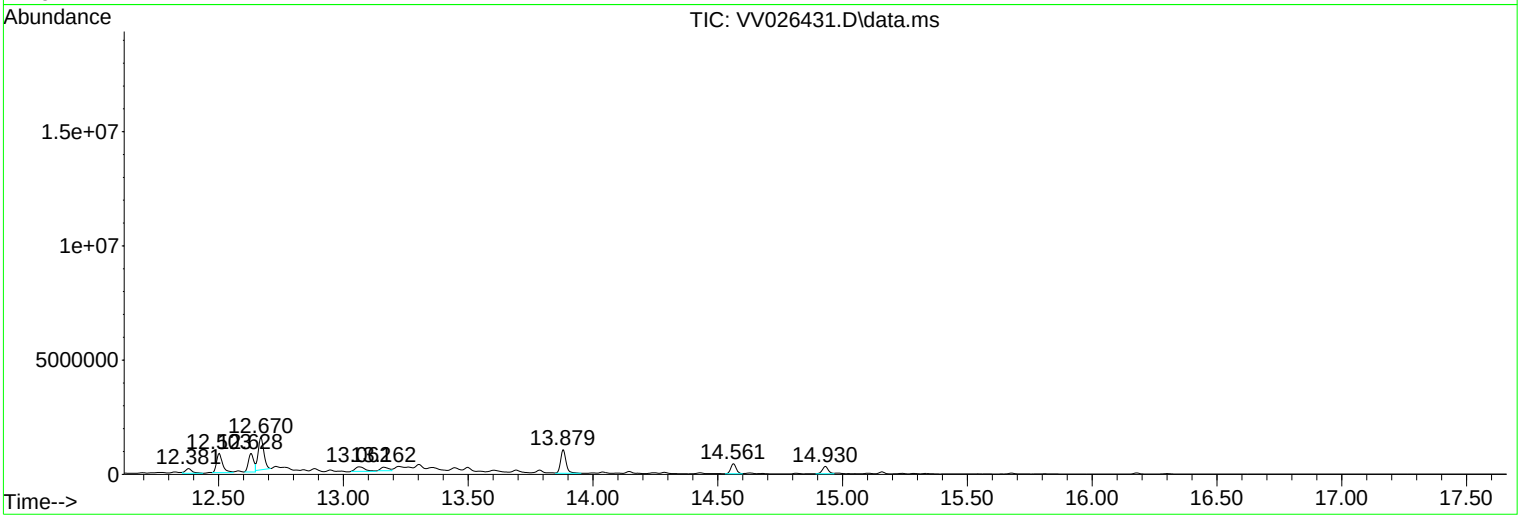
Instrument :
MSVOA_V
ClientSampleId :
EW4T1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.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\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

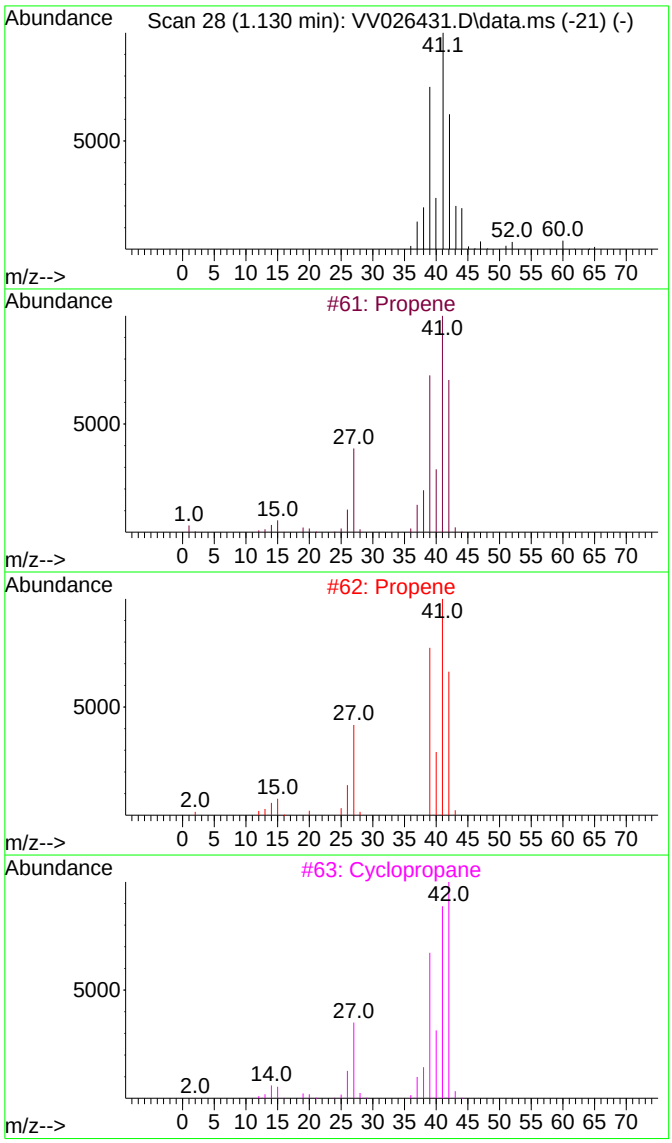
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

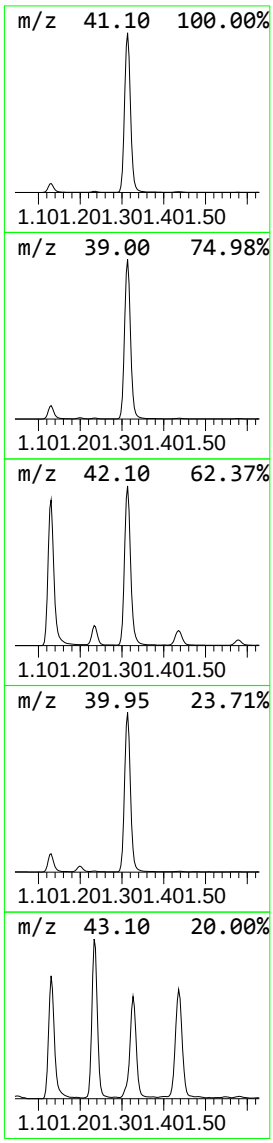
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.130	4.53 ug/L	531078	1,4-Difluorobenzene	5.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropane	42	C3H6	000075-19-4	27
4	Chloro(prop-2-yn-1-yloxy)methanone	118	C4H3ClO2	035718-08-2	9
5	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

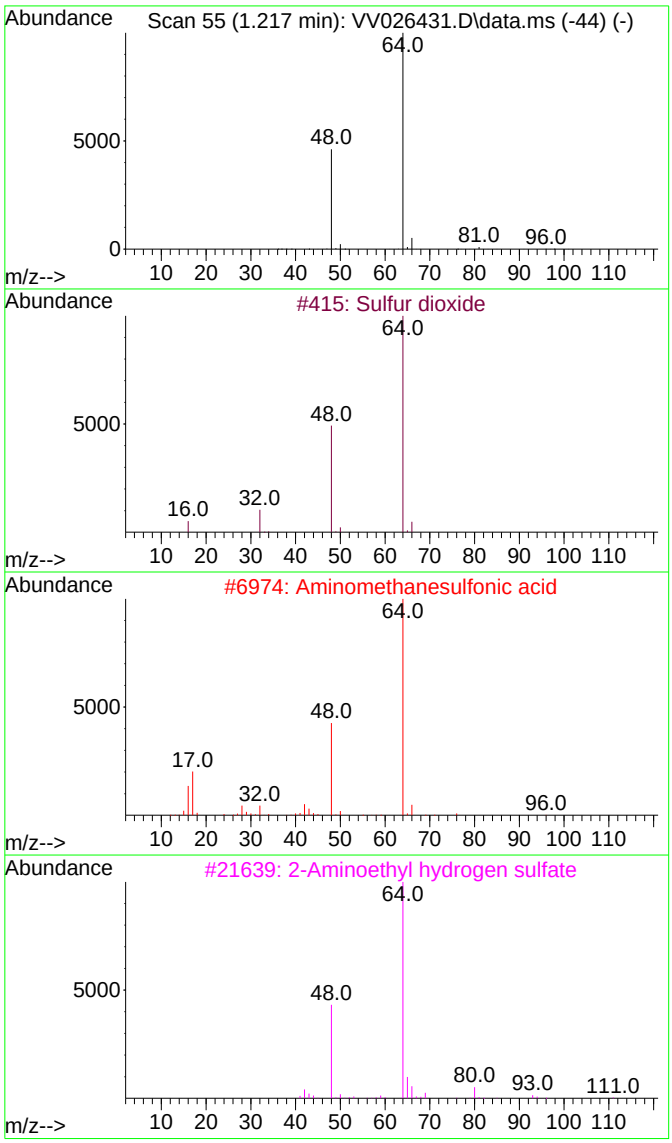
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

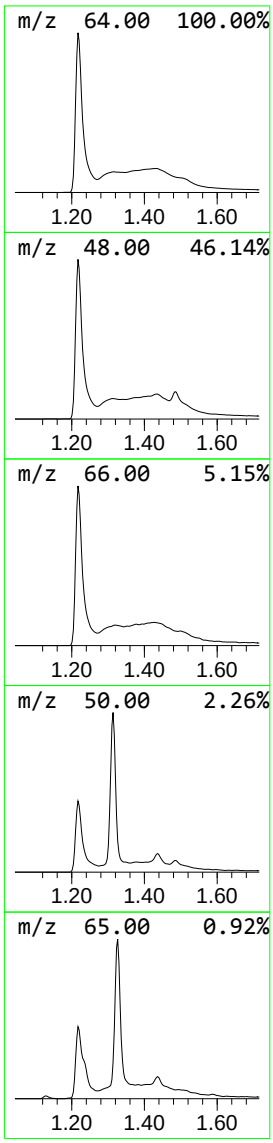
****

Peak Number 2 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.217	85.00 ug/L	9972580	1,4-Difluorobenzene	5.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	74
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Sulfur dioxide	64	O2S	007446-09-5	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

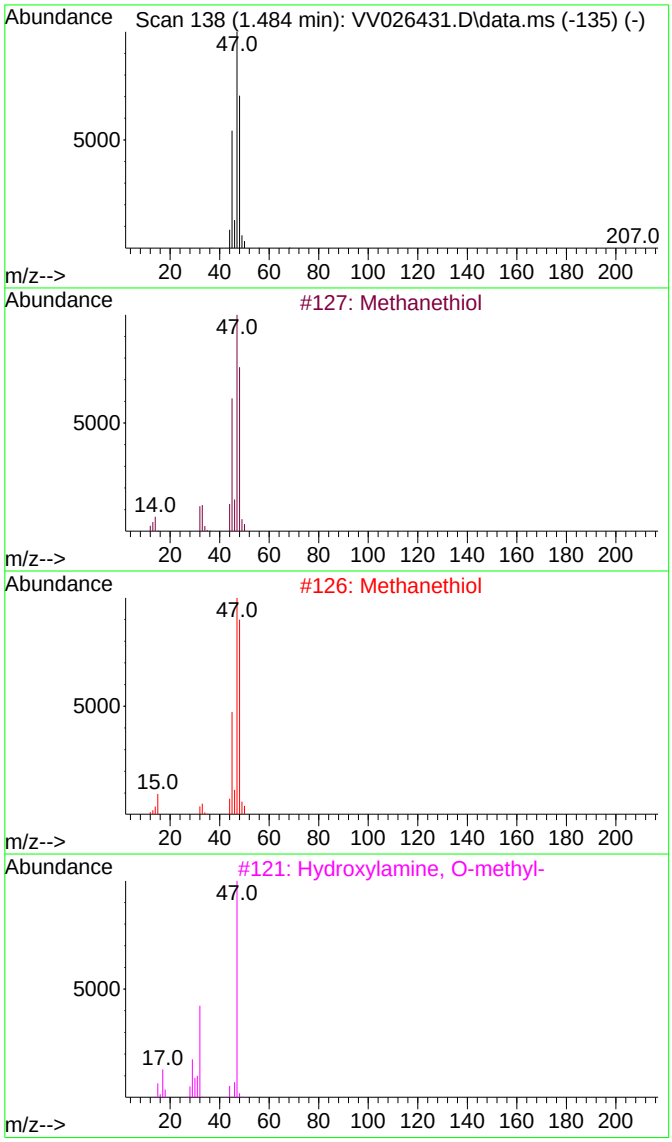
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

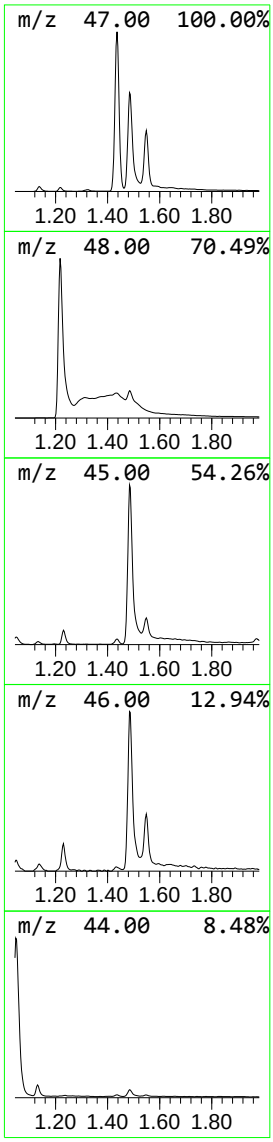
****

Peak Number 4 Methanethiol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.484	9.55 ug/L	1120870	1,4-Difluorobenzene	5.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	90
2	Methanethiol	48	CH4S	000074-93-1	90
3	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
4	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
5	Methane, nitroso-	45	CH3NO	000865-40-7	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

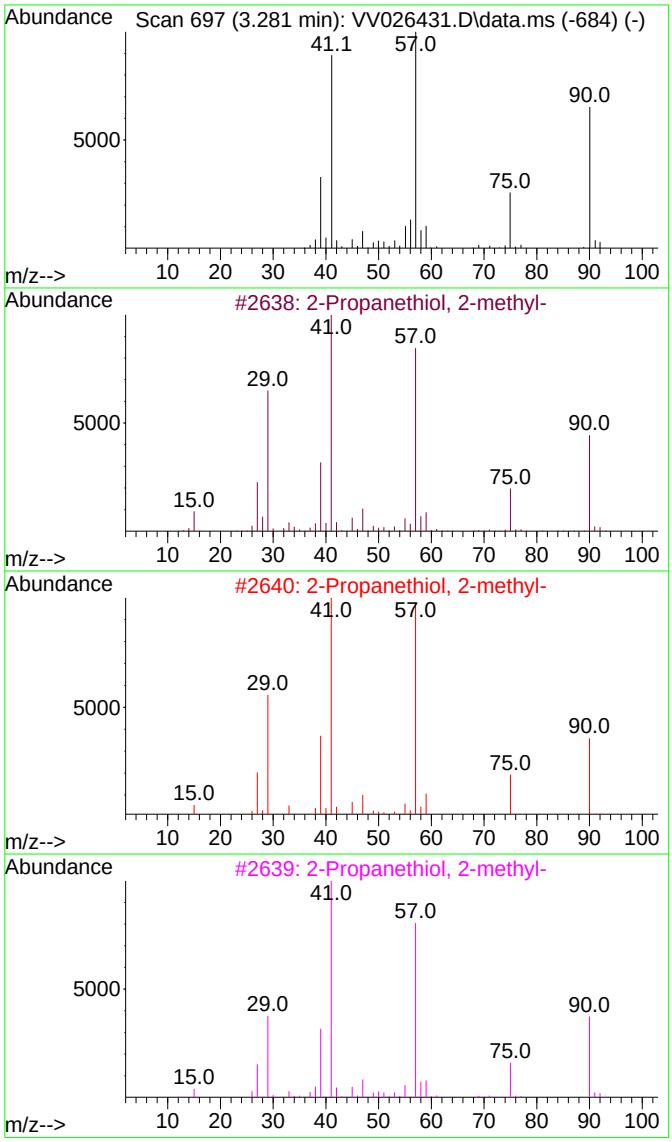
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

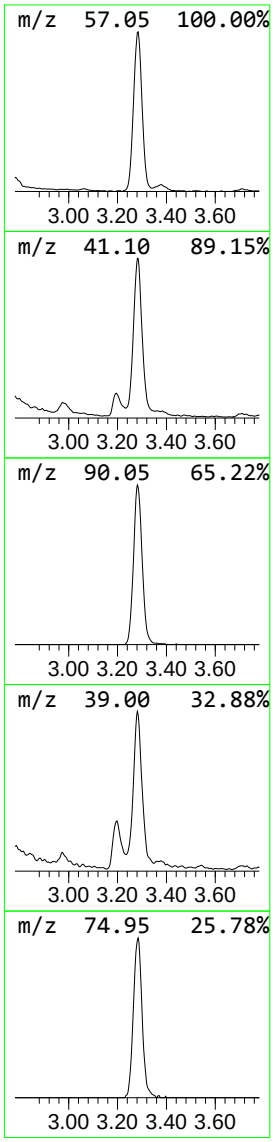
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Propanethiol, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.281	3.97 ug/L	465524	1,4-Difluorobenzene	5.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanethiol, 2-methyl-	90	C4H10S	000075-66-1	87
2	2-Propanethiol, 2-methyl-	90	C4H10S	000075-66-1	87
3	2-Propanethiol, 2-methyl-	90	C4H10S	000075-66-1	83
4	2-Propanethiol, 2-methyl-	90	C4H10S	000075-66-1	64
5	2-Butanethiol	90	C4H10S	000513-53-1	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

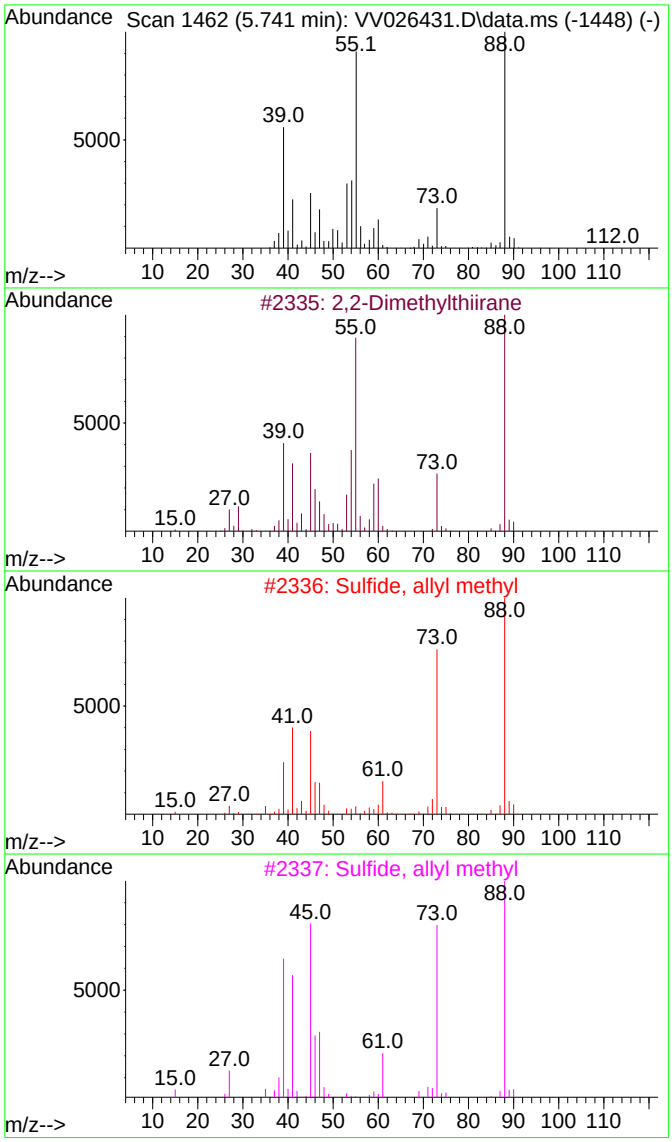
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

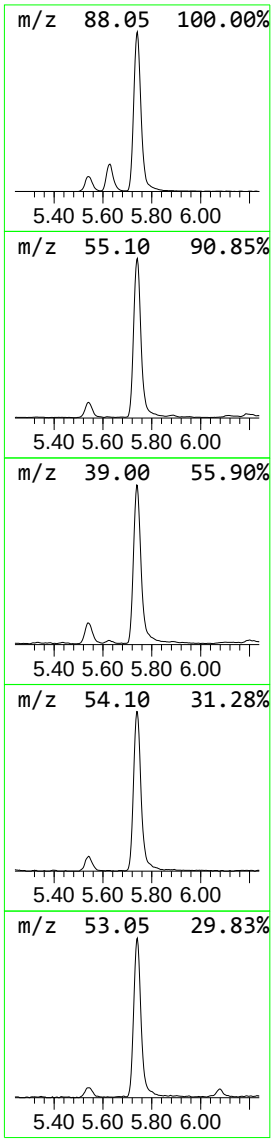
****

Peak Number 6 2,2-Dimethylthiirane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.741	11.64 ug/L	1365840	1,4-Difluorobenzene	5.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylthiirane	88	C4H8S	003772-13-2	50
2	Sulfide, allyl methyl	88	C4H8S	010152-76-8	46
3	Sulfide, allyl methyl	88	C4H8S	010152-76-8	43
4	1-Chlorospiro(2.3)hexane	116	C6H9Cl	091808-52-5	37
5	Thietane, 2-methyl-	88	C4H8S	017837-41-1	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

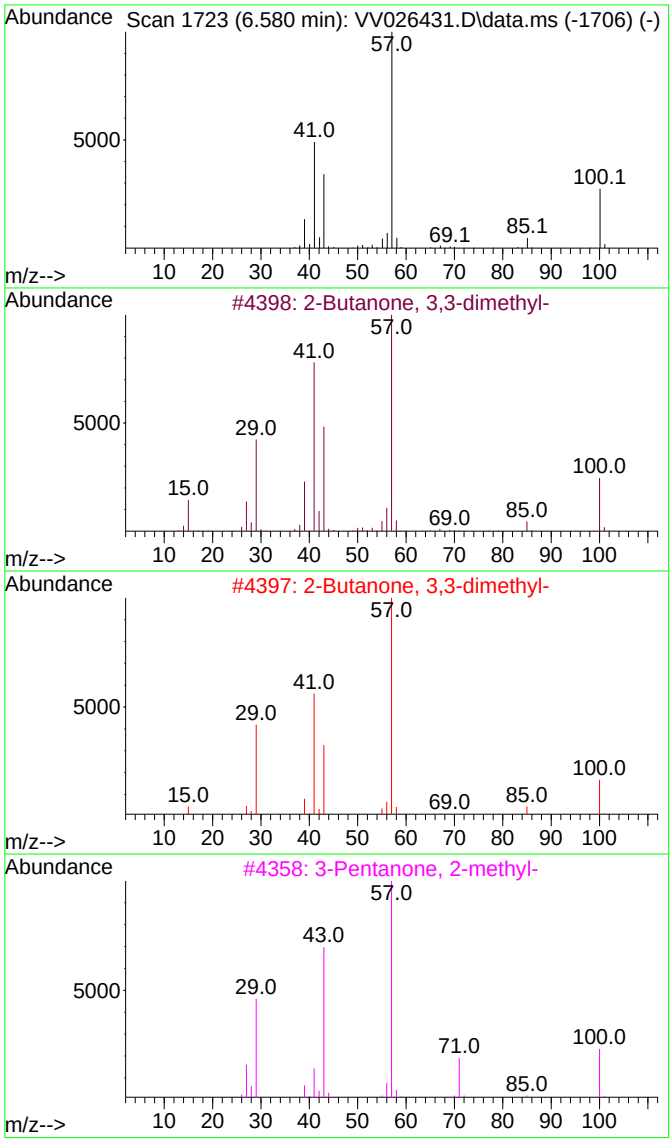
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

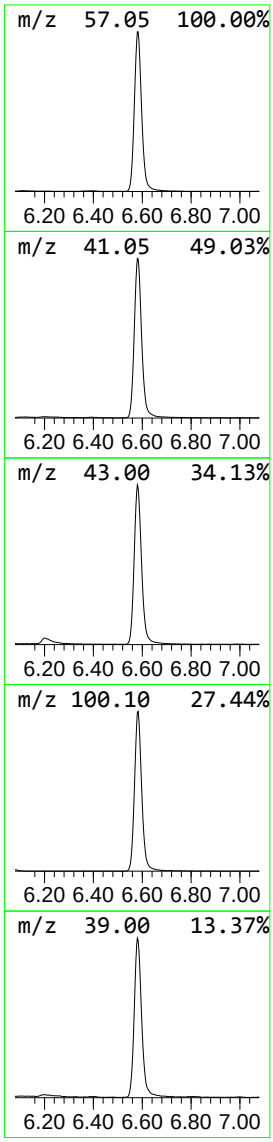
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Butanone, 3,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.580	36.07 ug/L	4232110	1,4-Difluorobenzene	5.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	78
2	2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	72
3	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	59
4	2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	59
5	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	42





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

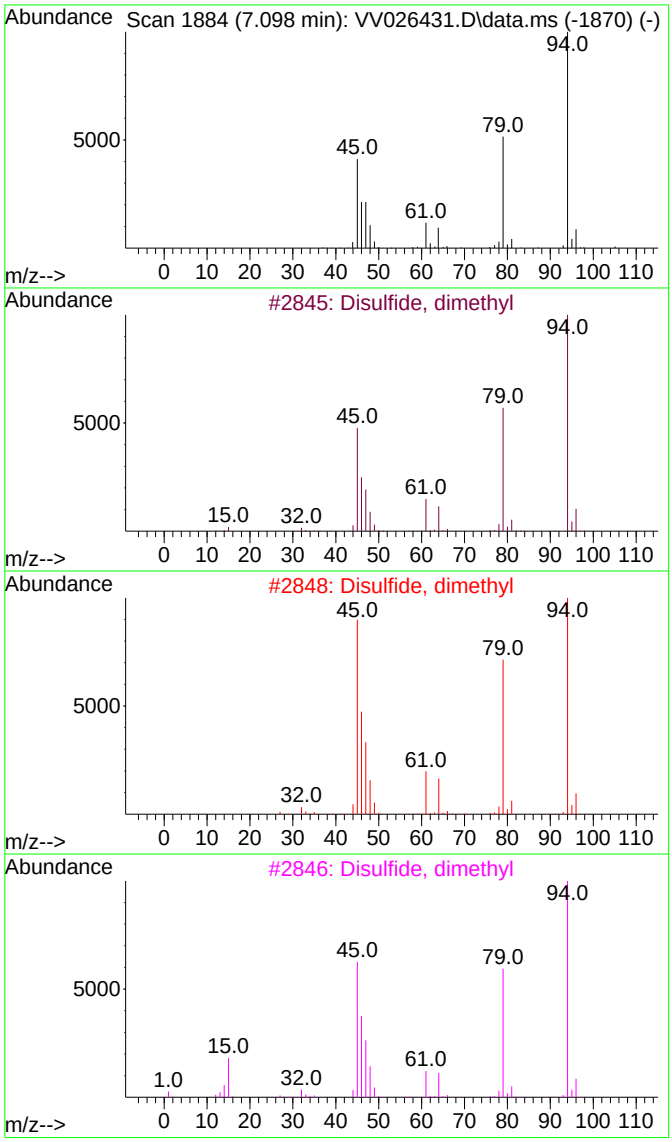
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

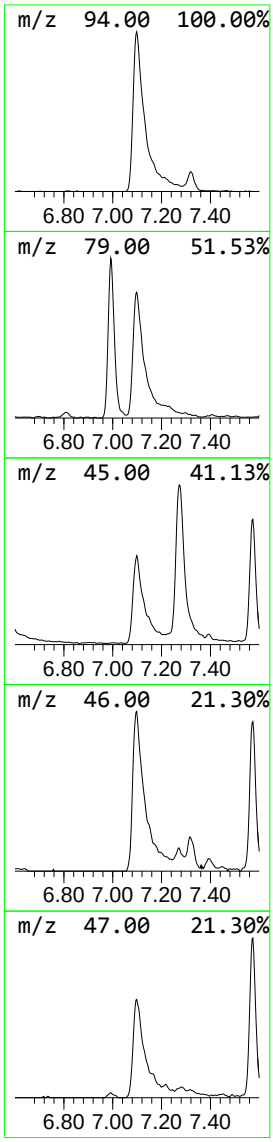
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Disulfide, dimethyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.098	4.00 ug/L	468843	1,4-Difluorobenzene	5.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
2	Disulfide, dimethyl	94	C2H6S2	000624-92-0	95
3	Disulfide, dimethyl	94	C2H6S2	000624-92-0	94
4	Disulfide, dimethyl	94	C2H6S2	000624-92-0	94
5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

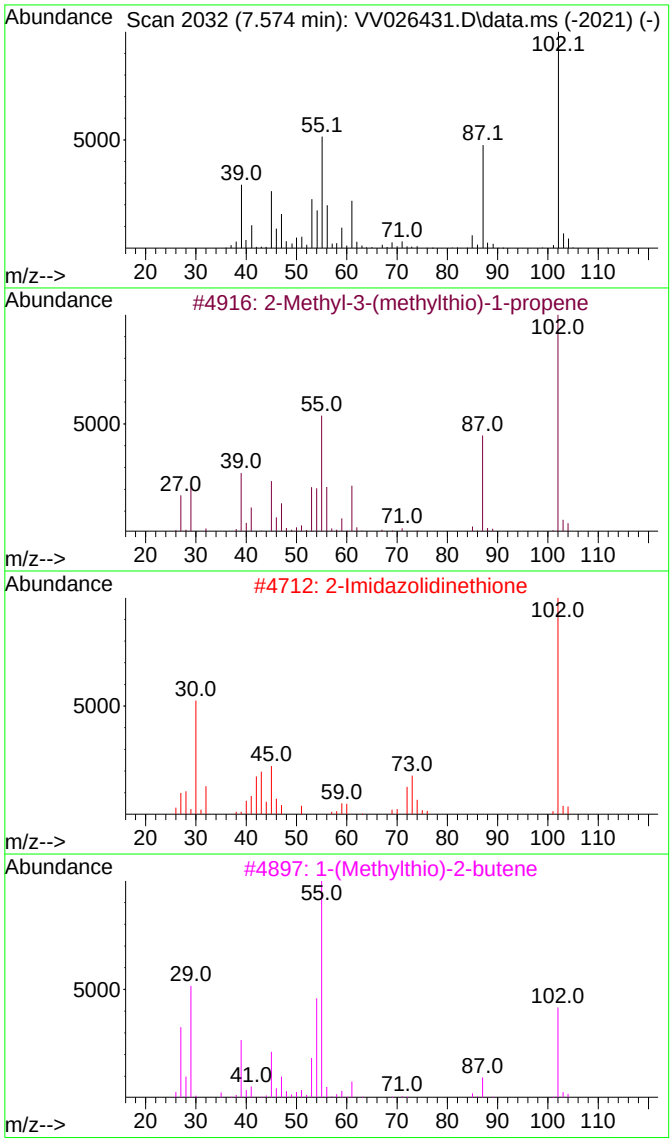
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

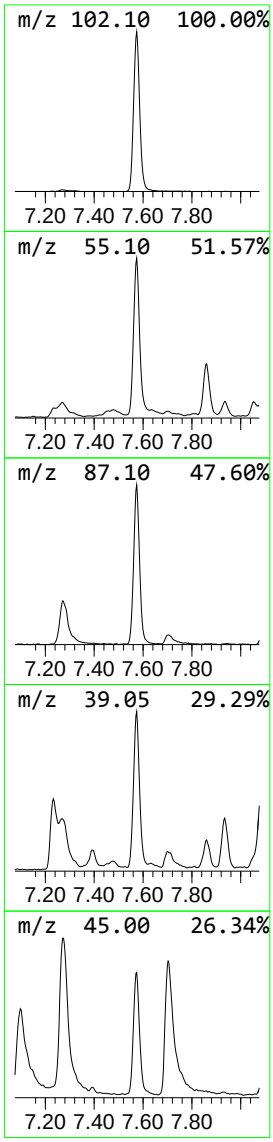
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Methyl-3-(methylthio)-1-p... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.574	5.20 ug/L	769267	Chlorobenzene-d5	8.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-(methylthio)-1-propene	102	C5H10S	052326-10-0	98
2	2-Imidazolidinethione	102	C3H6N2S	000096-45-7	38
3	1-(Methylthio)-2-butene	102	C5H10S	032931-14-9	38
4	Dihydro-2(3H)-thiophenone	102	C4H6OS	001003-10-7	35
5	Dihydro-3-(2H)-thiophenone	102	C4H6OS	001003-04-9	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

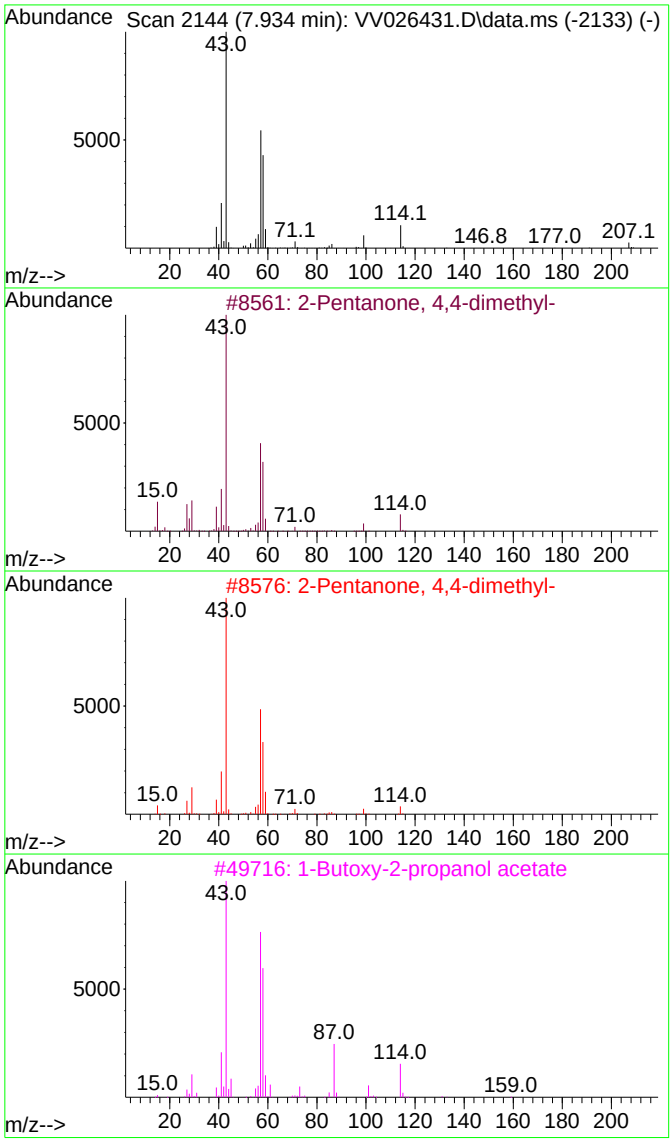
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

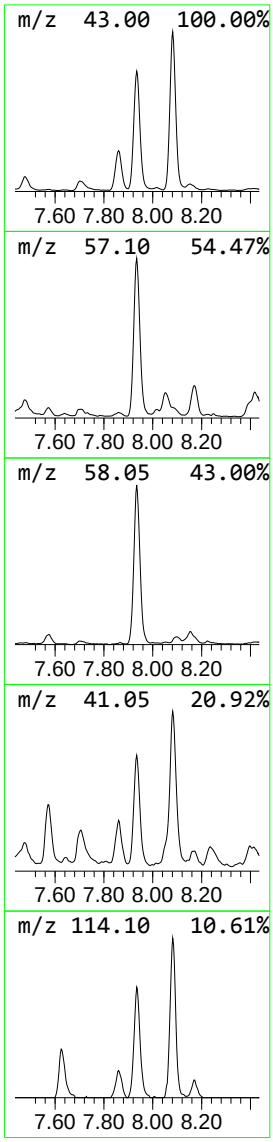
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-Pentanone, 4,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.934	3.33 ug/L	492942	Chlorobenzene-d5	8.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	90
2	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	53
3	1-Butoxy-2-propanol acetate	174	C9H18O3	085409-76-3	45
4	1-Butoxy-2-propanol acetate	174	C9H18O3	085409-76-3	40
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	39





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Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

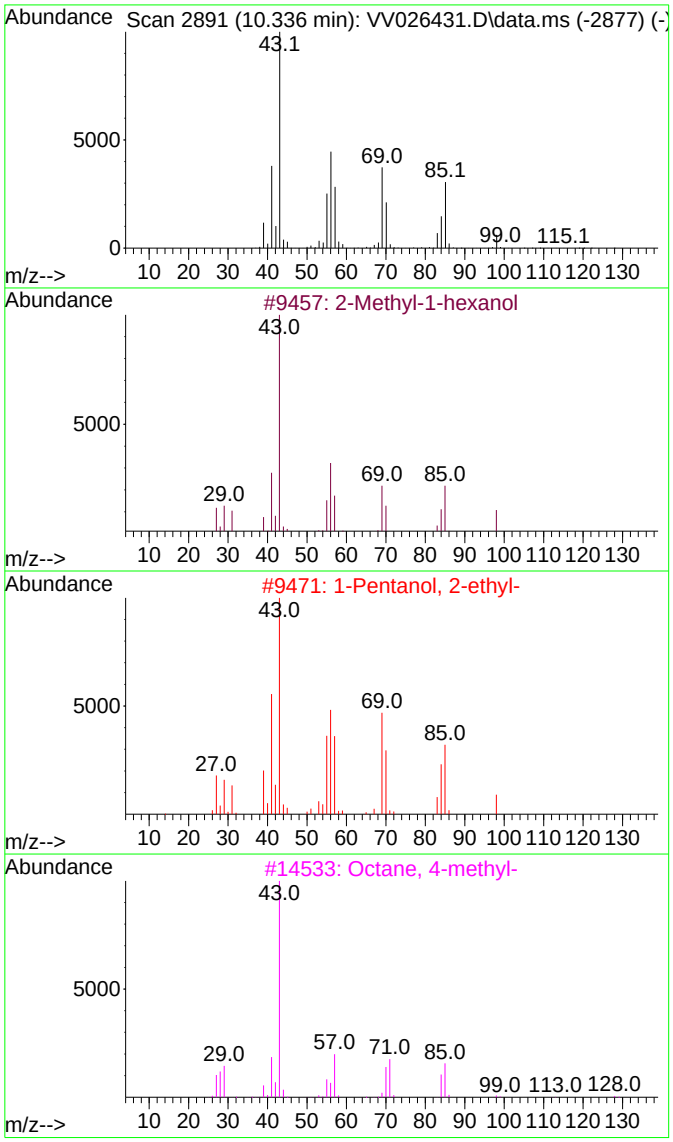
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

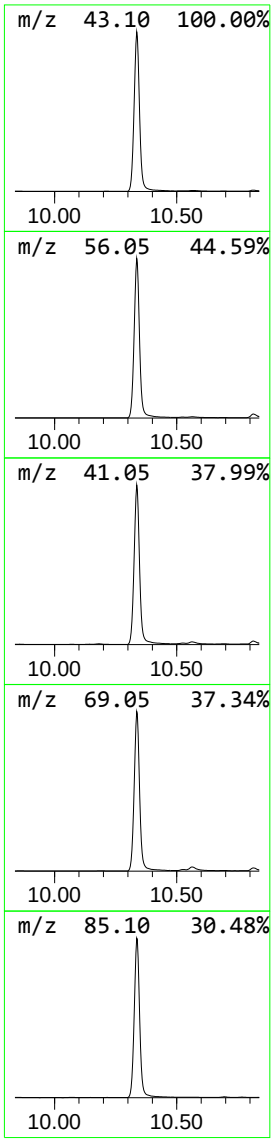
****

Peak Number 11 2-Methyl-1-hexanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.336	142.60 ug/L	24567900	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-hexanol	116	C7H16O	1000427-67-0	90
2	1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	78
3	Octane, 4-methyl-	128	C9H20	002216-34-4	50
4	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	47
5	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	45





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Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

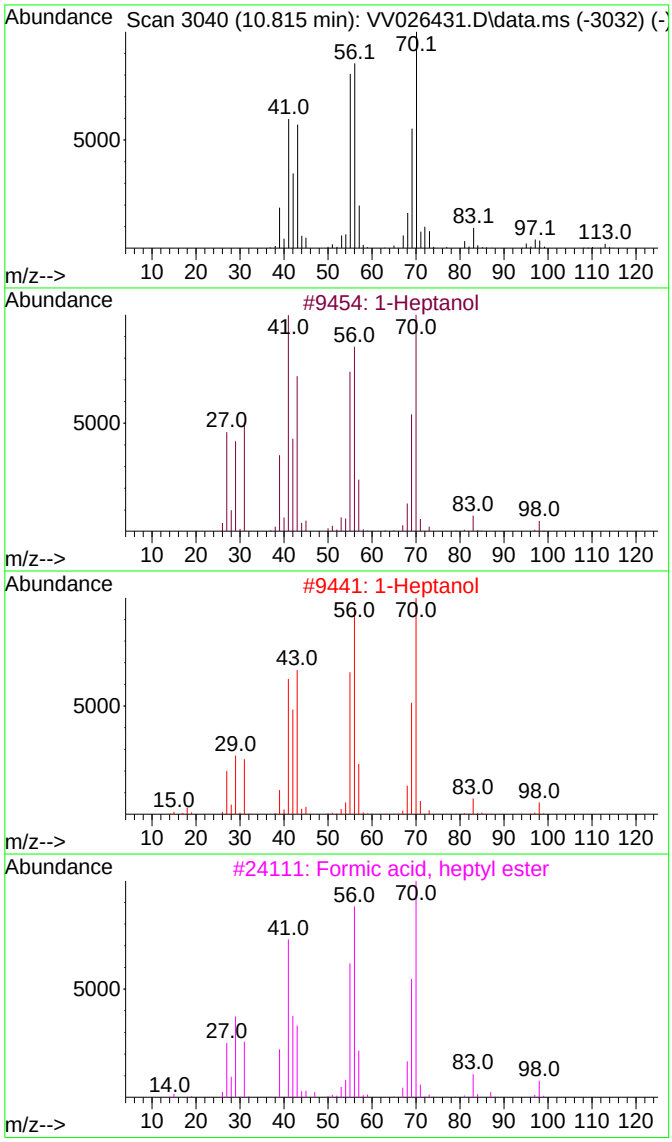
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

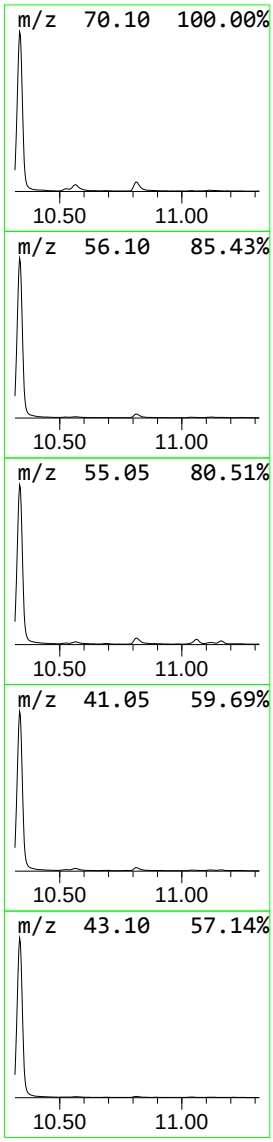
****

Peak Number 12 1-Heptanol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.815	2.79 ug/L	479866	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptanol	116	C7H16O	000111-70-6	86
2	1-Heptanol	116	C7H16O	000111-70-6	86
3	Formic acid, heptyl ester	144	C8H16O2	000112-23-2	78
4	1-Heptanol	116	C7H16O	000111-70-6	78
5	1-Heptanol	116	C7H16O	000111-70-6	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

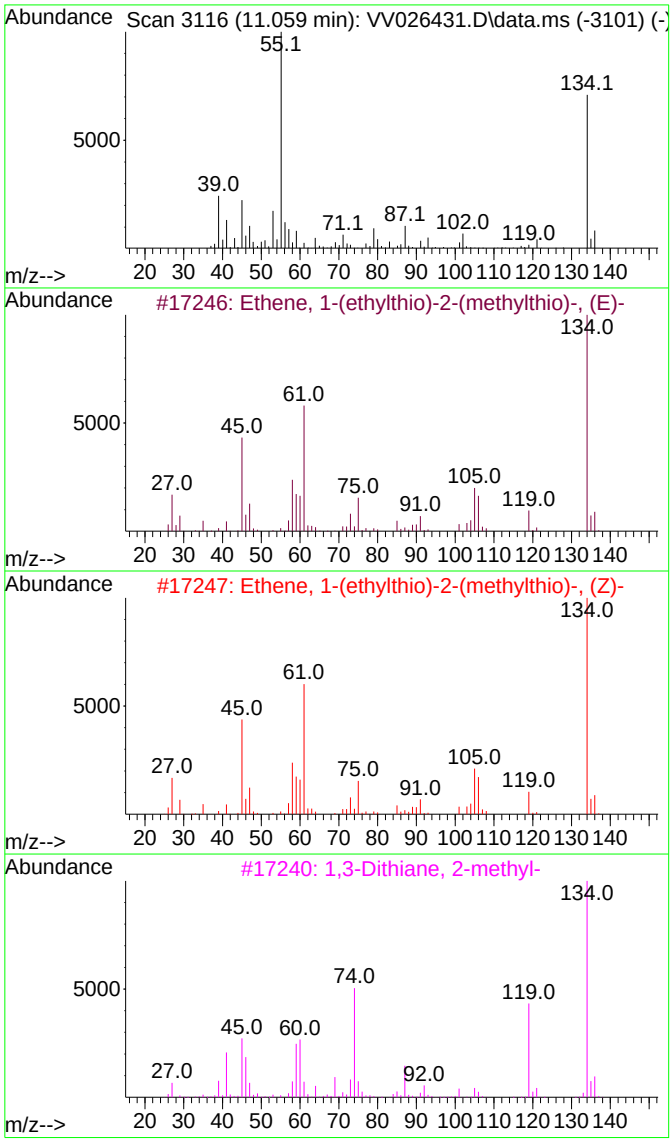
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

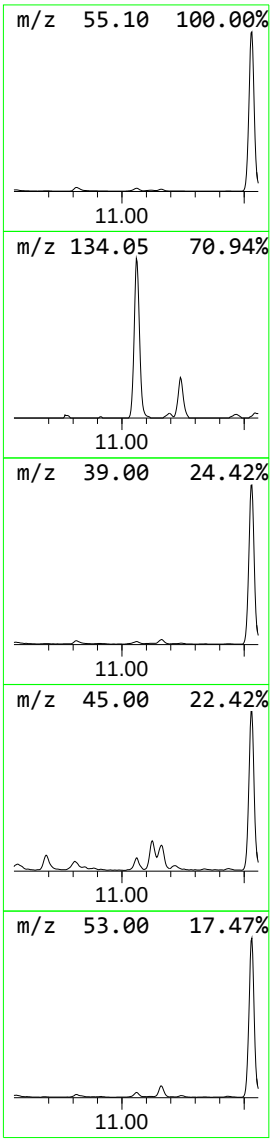
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Ethene, 1-(ethylthio)-2-(me... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.059	1.74 ug/L	300347	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethene, 1-(ethylthio)-2-(methylt...	134	C5H10S2	087373-94-2	53
2	Ethene, 1-(ethylthio)-2-(methylt...	134	C5H10S2	087373-95-3	53
3	1,3-Dithiane, 2-methyl-	134	C5H10S2	006007-26-7	47
4	1-(Methylthio)-2-butene	102	C5H10S	032931-14-9	35
5	s-Triazolo[1,5-a]pyridine, 6-amino-	134	C6H6N4	031052-94-5	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

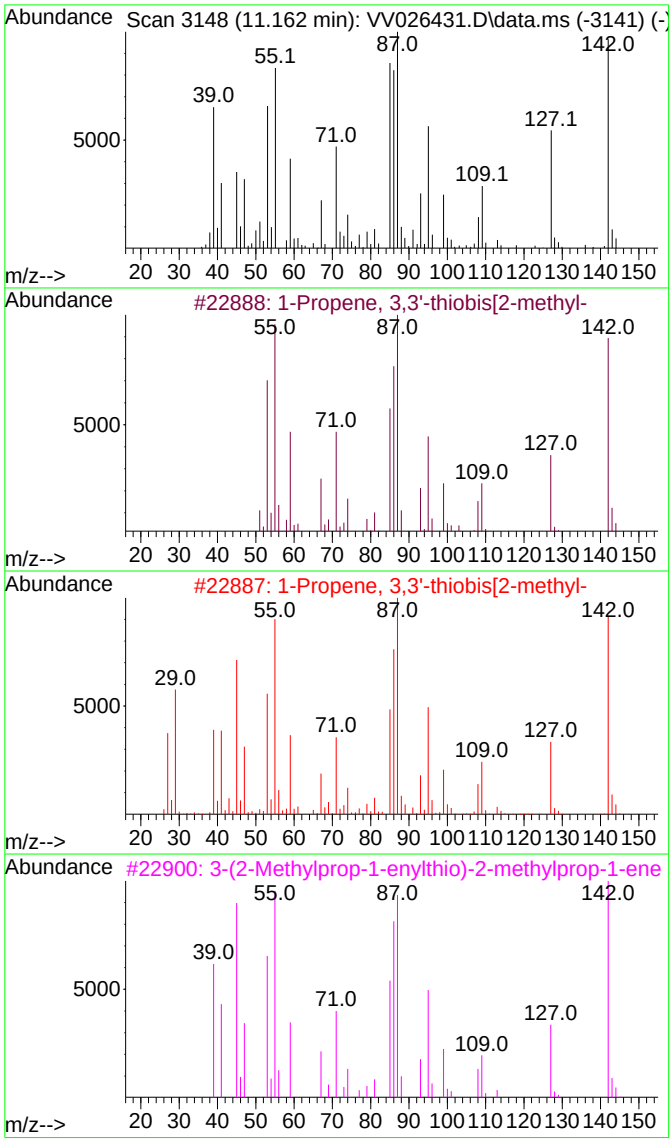
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

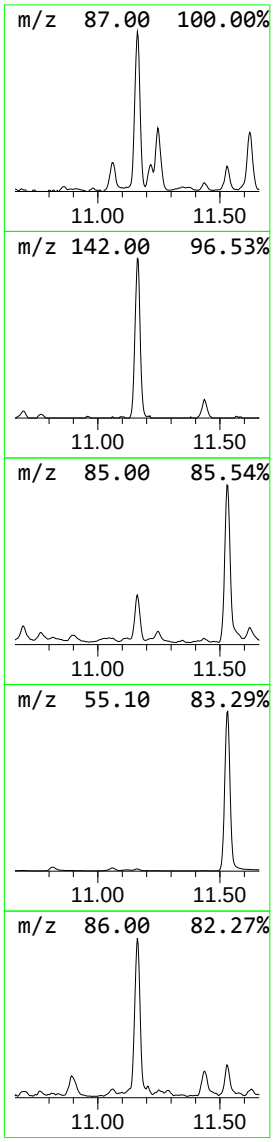
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1-Propene, 3,3'-thiobis[2-m... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.162	1.84 ug/L	317804	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3,3'-thiobis[2-methyl-	142	C8H14S	023973-54-8	94
2	1-Propene, 3,3'-thiobis[2-methyl-	142	C8H14S	023973-54-8	94
3	3-(2-Methylprop-1-enylthio)-2-me...	142	C8H14S	1000122-39-8	93
4	1-Propene, 3,3'-thiobis[2-methyl-	142	C8H14S	023973-54-8	93
5	2-Ethylprop-1-ene (1-3)sultine	132	C5H8O2S	084735-13-7	16





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

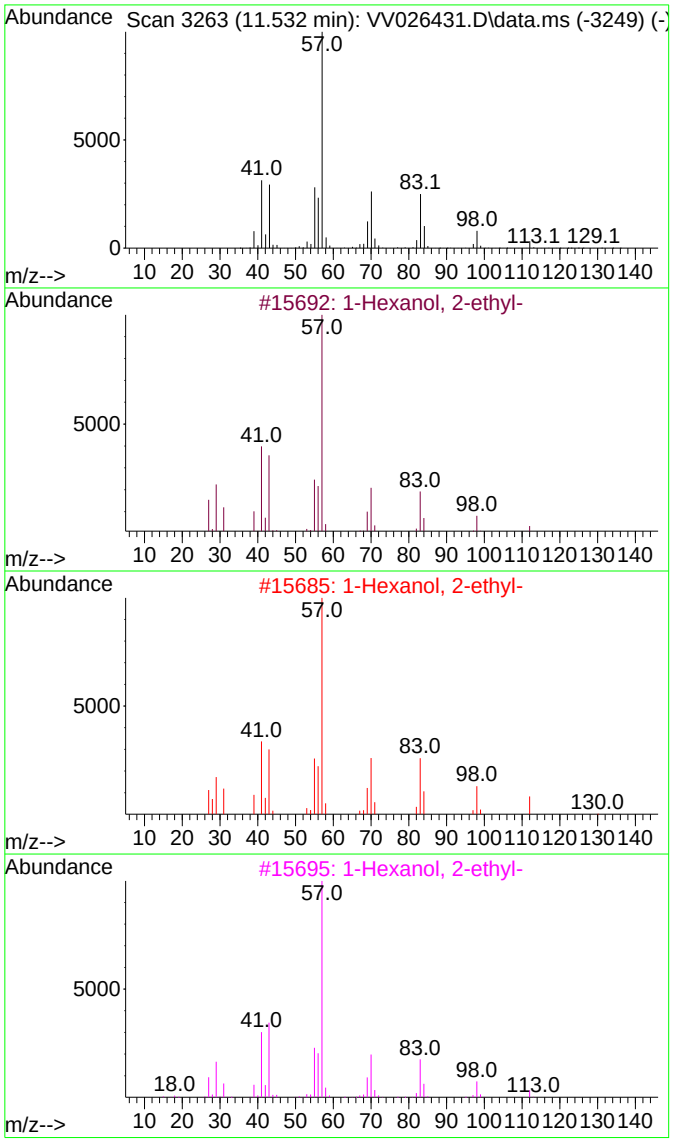
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

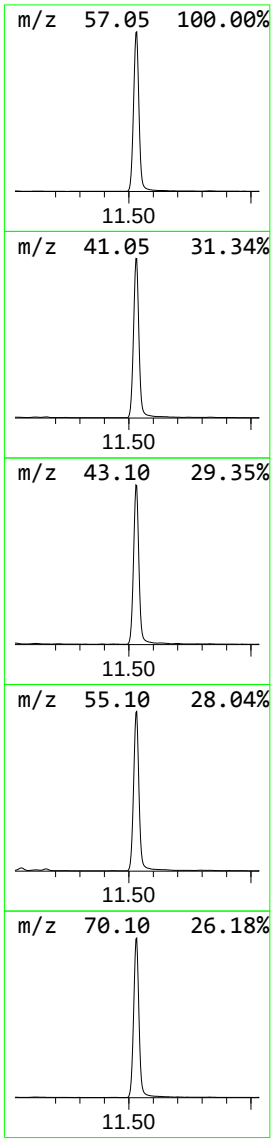
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.532	173.99 ug/L	29976100	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

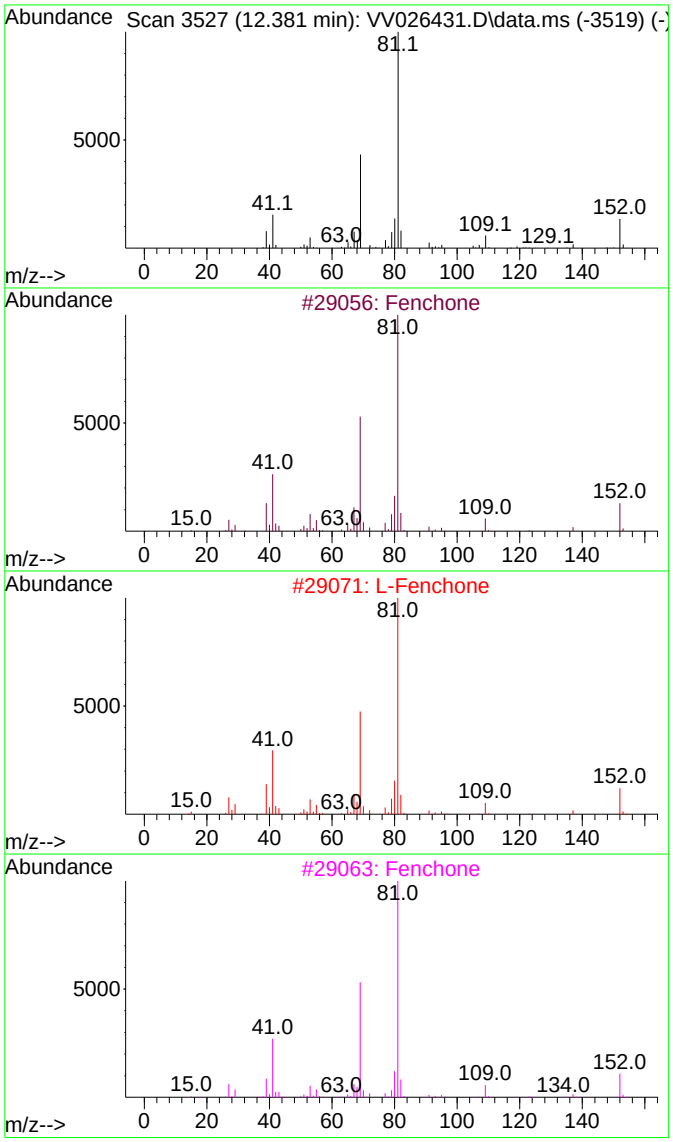
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

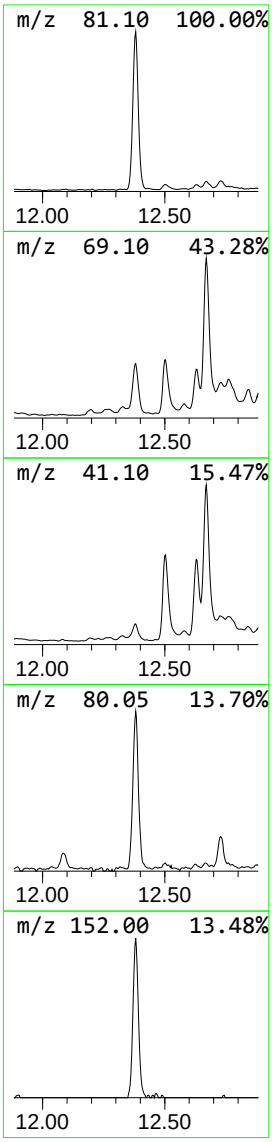
****

Peak Number 16 Fenchone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.381	2.14 ug/L	368195	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	94
2	L-Fenchone	152	C10H16O	007787-20-4	94
3	Fenchone	152	C10H16O	001195-79-5	91
4	Fenchone	152	C10H16O	001195-79-5	91
5	Fenchone	152	C10H16O	001195-79-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

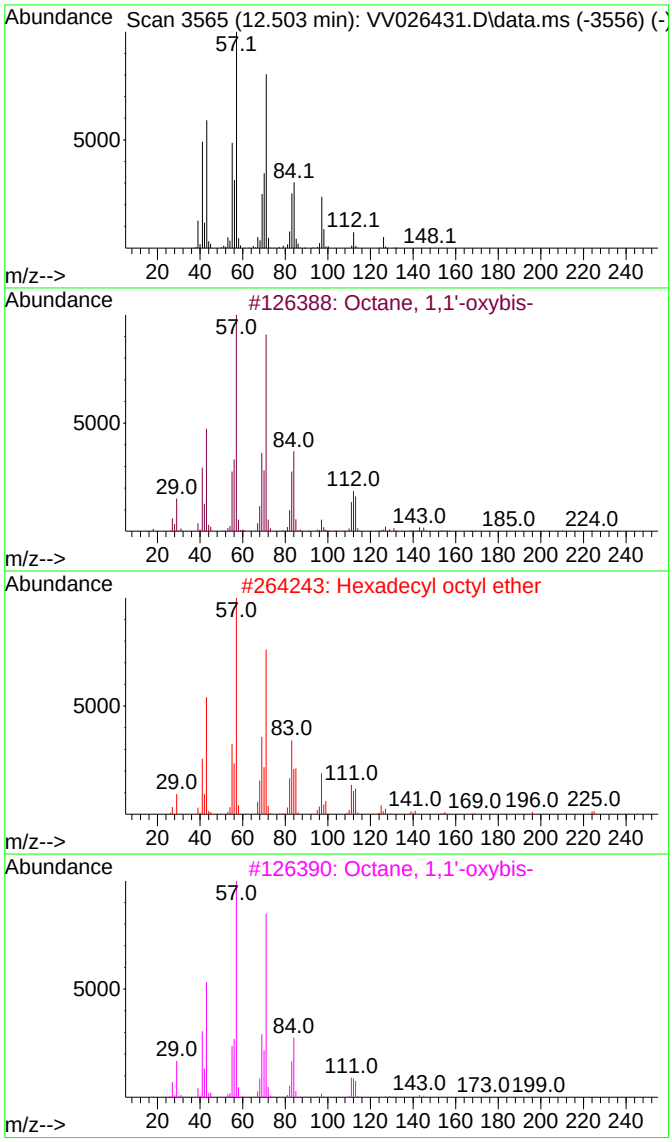
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

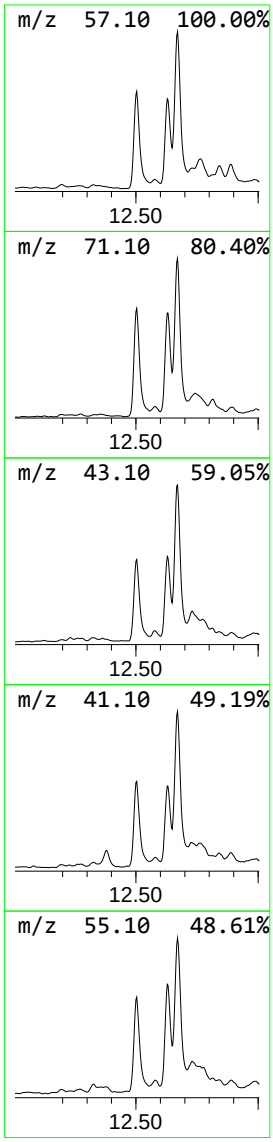
****

Peak Number 17 Octane, 1,1'-oxybis- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.503	8.08 ug/L	1392190	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72
2	Hexadecyl octyl ether	354	C24H50O	1000406-38-6	64
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64
4	2-Propyl-1-pentanol, 2-methylpro...	200	C12H24O2	1000447-36-4	53
5	Carbonic acid, 2-ethylhexyl octy...	286	C17H34O3	1000383-13-5	53





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Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

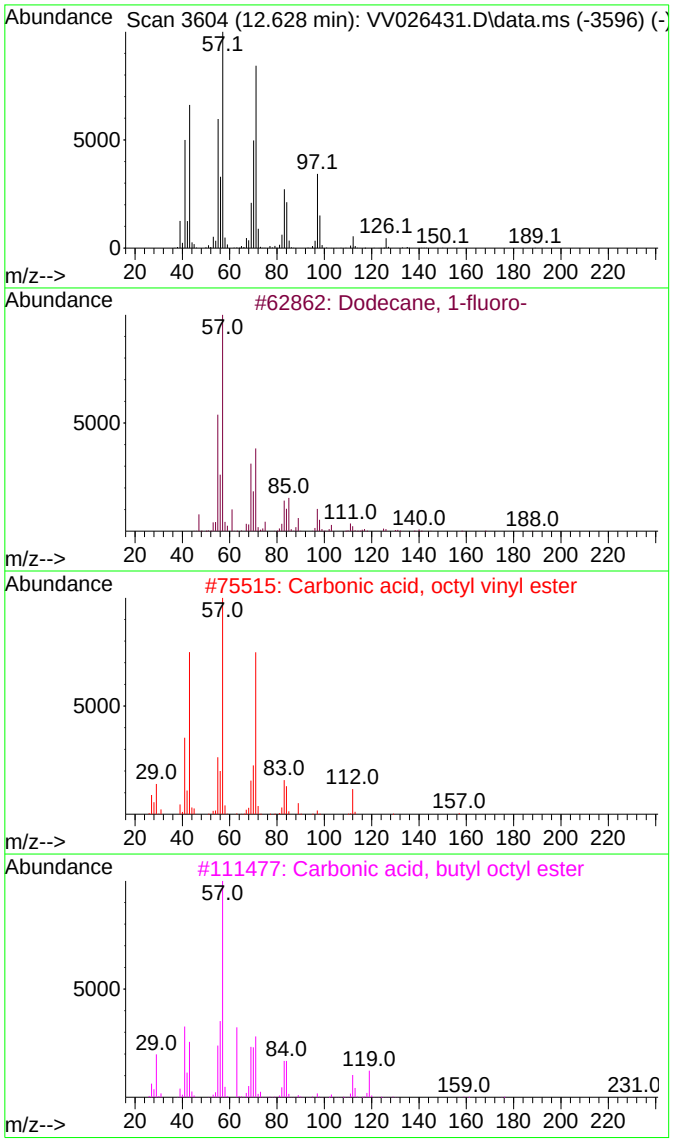
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

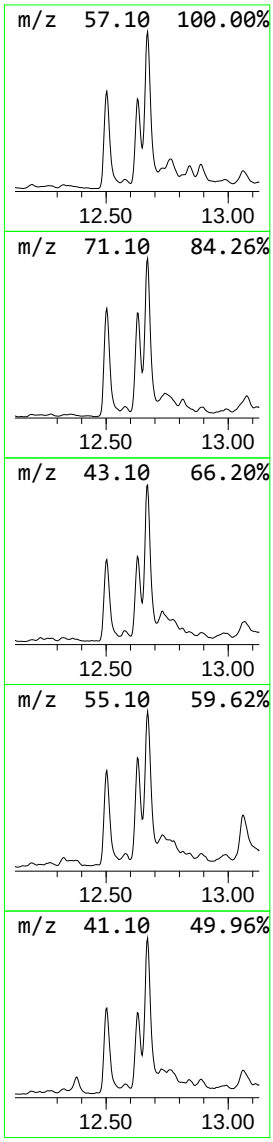
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Dodecane, 1-fluoro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.628	7.08 ug/L	1219660	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	64
2	Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	53
3	Carbonic acid, butyl octyl ester	230	C13H26O3	1010314-63-5	38
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38





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Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

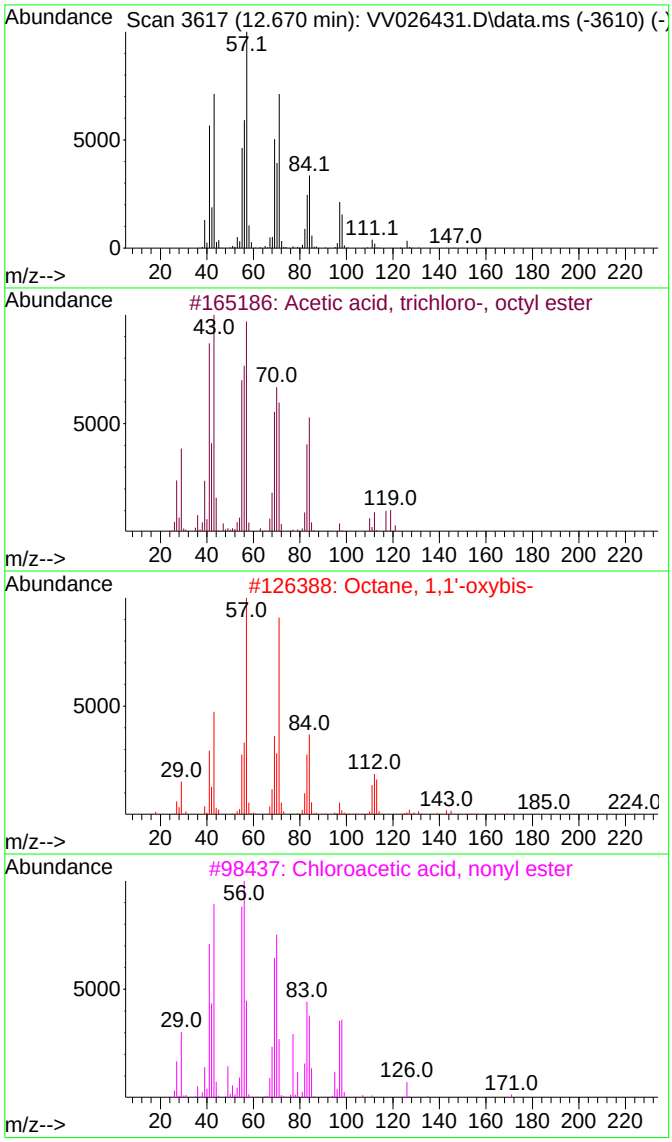
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

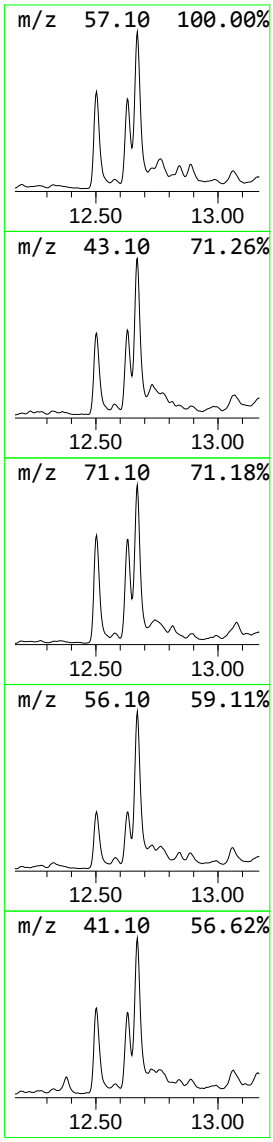
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Acetic acid, trichloro-, oc... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.670	12.76 ug/L	2198440	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, trichloro-, octyl e...	274	C10H17Cl3O2	016958-78-4	53
2	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	53
3	Chloroacetic acid, nonyl ester	220	C11H21ClO2	005451-96-7	53
4	1-Pentanol, 4-methyl-2-propyl-	144	C9H20O	054004-41-0	50
5	Nonyl chloroformate	206	C10H19ClO2	057045-82-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

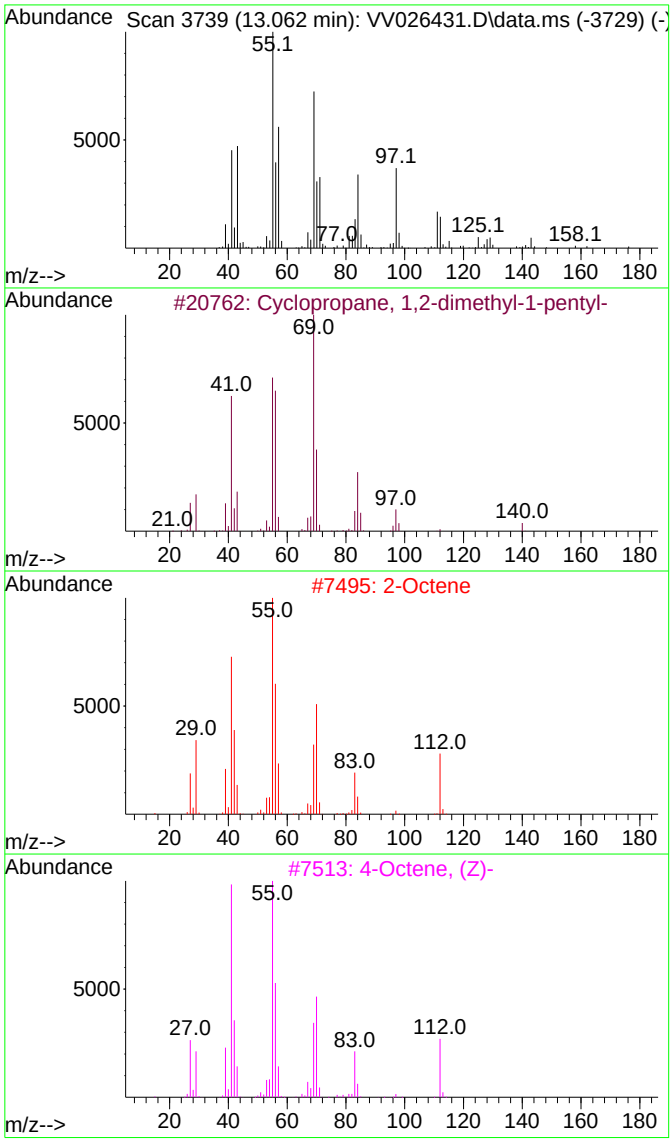
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

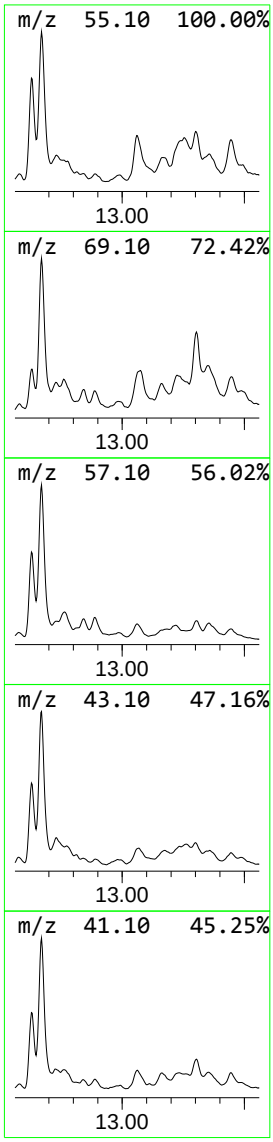
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic13.062 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.062	3.16 ug/L	544186	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	43
2	2-Octene	112	C8H16	000111-67-1	43
3	4-Octene, (Z)-	112	C8H16	007642-15-1	43
4	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	38
5	3-Heptene, 2-methyl-	112	C8H16	017618-76-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

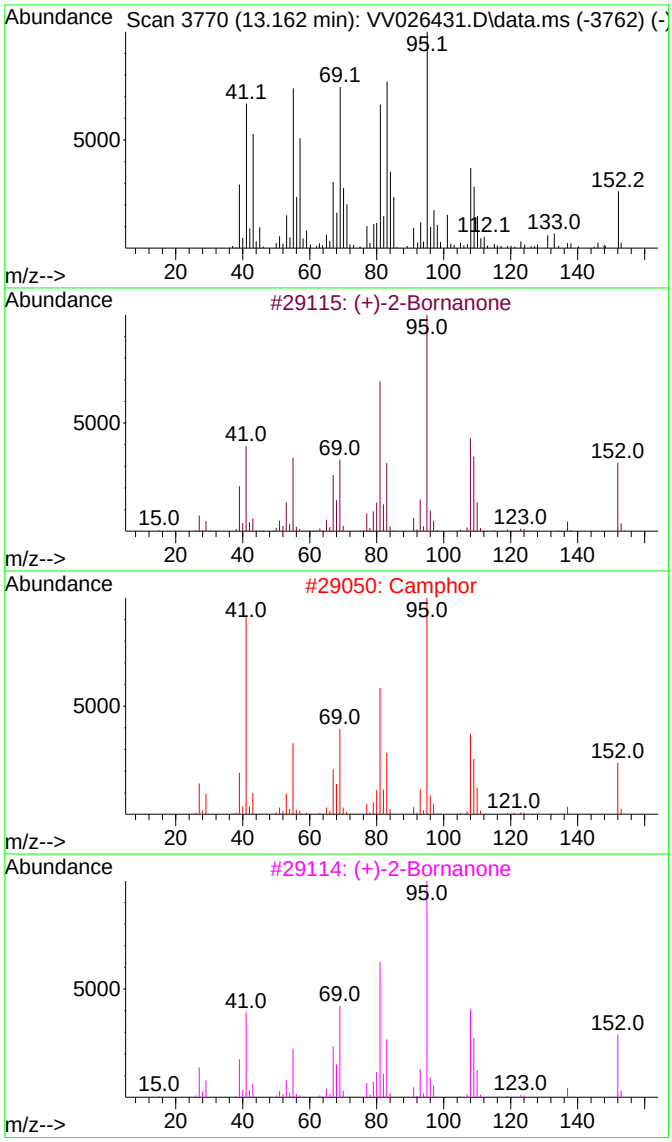
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

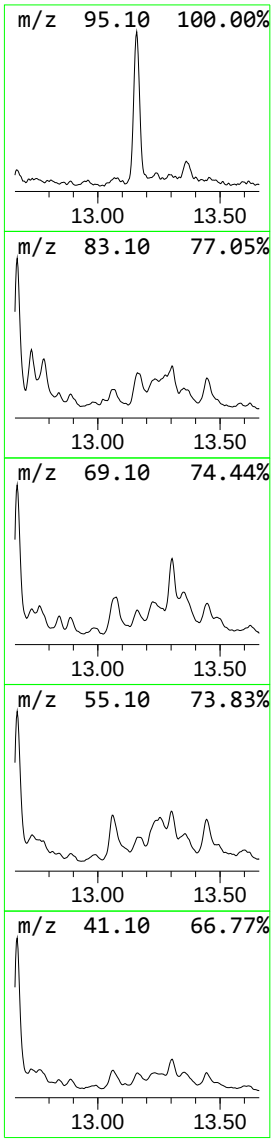
****

Peak Number 21 (+)-2-Bornanone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.162	2.01 ug/L	346639	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	66
2	Camphor	152	C10H16O	000076-22-2	64
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	64
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	62
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

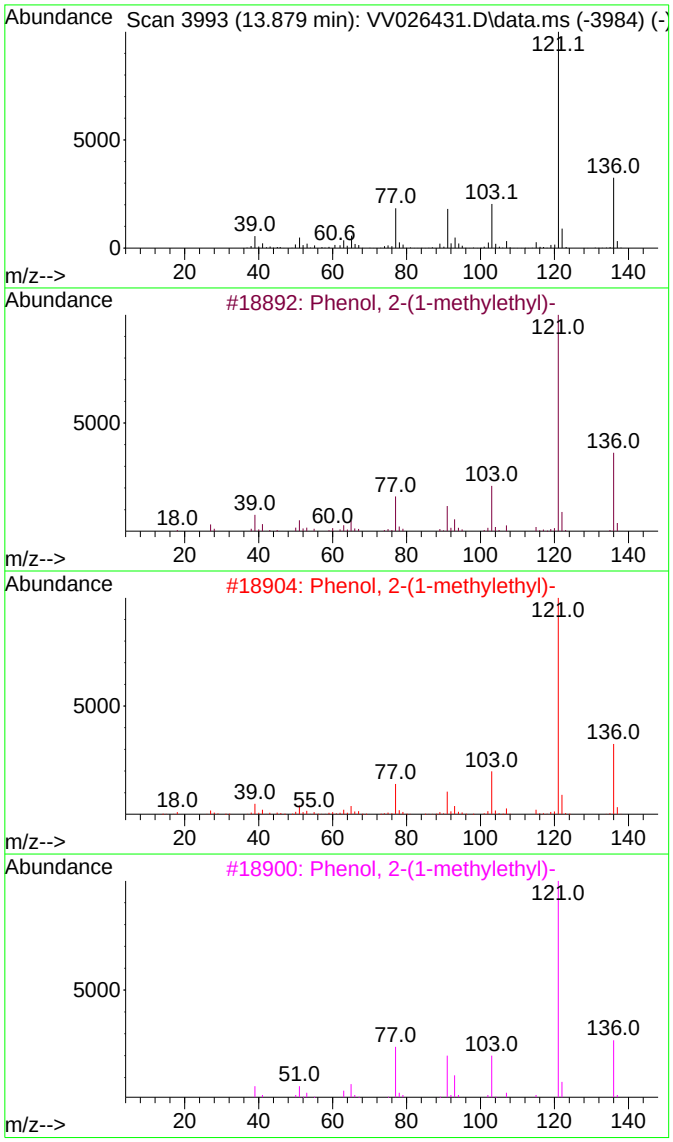
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

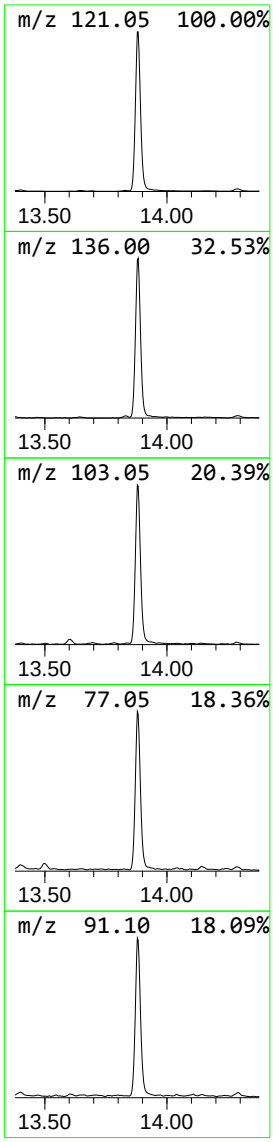
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Phenol, 2-(1-methylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.879	9.02 ug/L	1553360	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	95
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	95
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

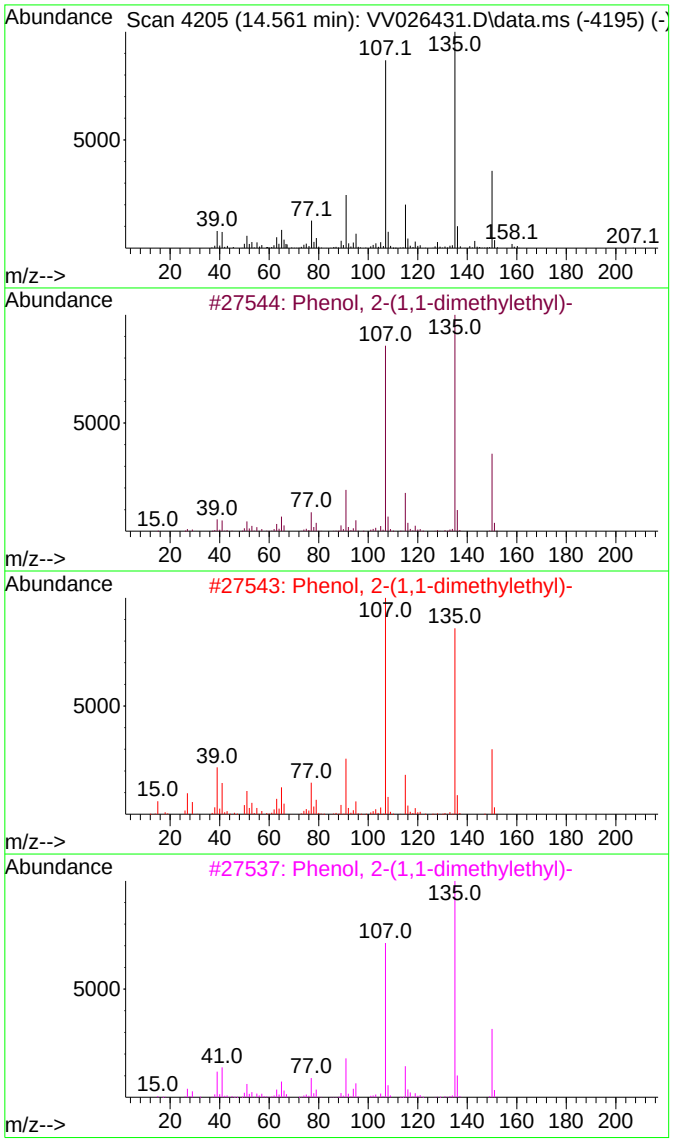
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

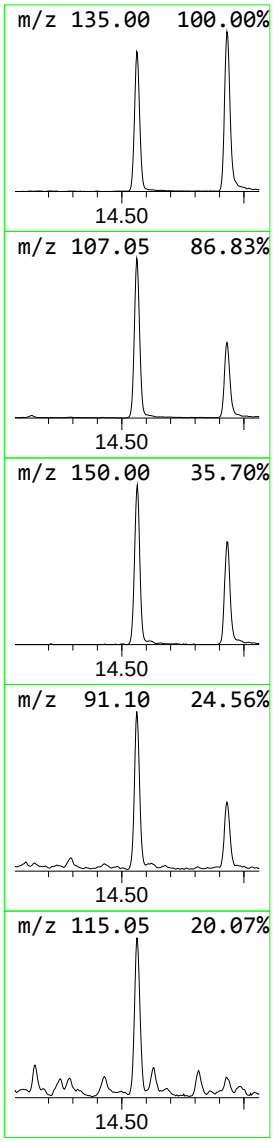
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.561	3.94 ug/L	679130	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	96
2	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	93
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	91
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	70
5	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

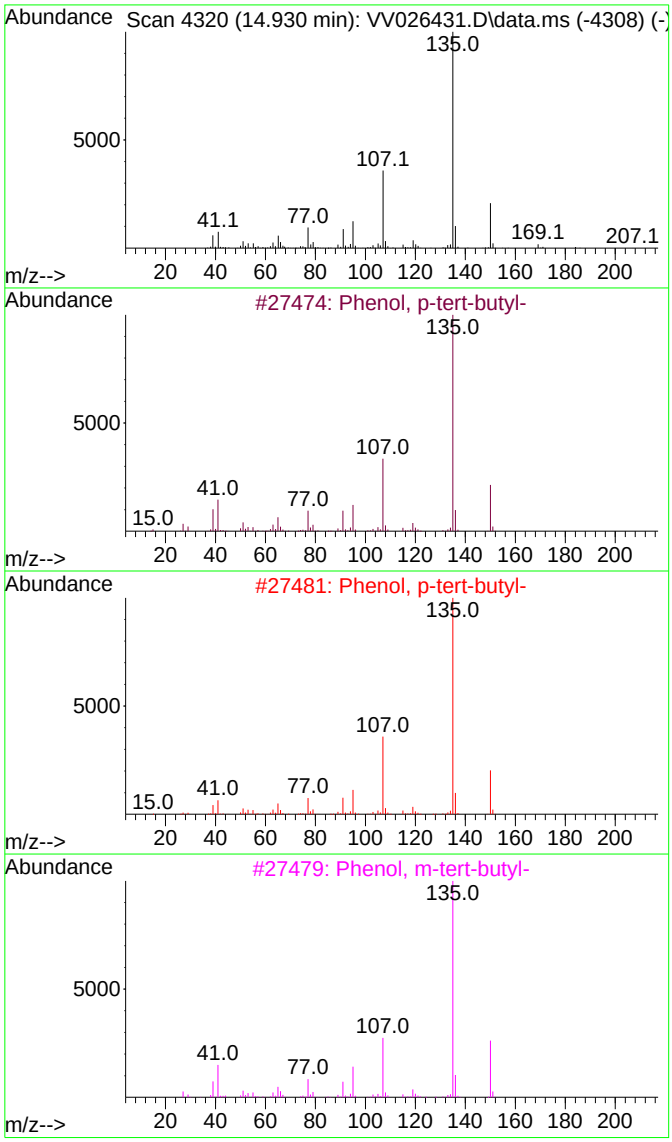
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

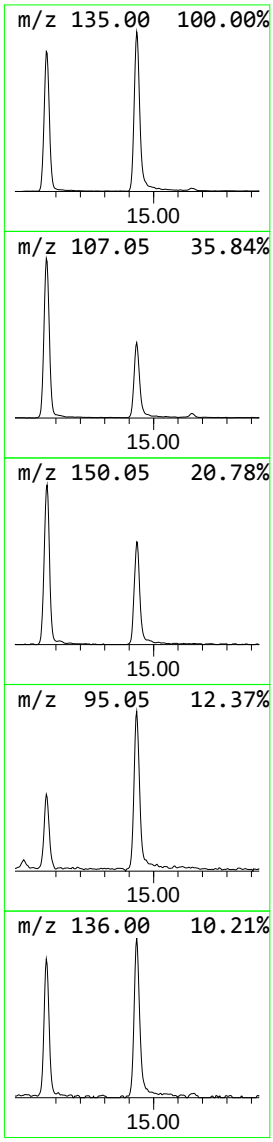
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Phenol, p-tert-butyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.931	3.10 ug/L	534303	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	94
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	93
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026431.D
Acq On : 18 Jun 2022 18:35
Operator : SY/MD
Sample : N3358-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW4T1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.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...	1.130	4.5	ug/L	531078	1	5.629	586636	5.0
Sulfur dioxide	1.217	85.0	ug/L	9972580	1	5.629	586636	5.0
Methanethiol	1.484	9.6	ug/L	1120870	1	5.629	586636	5.0
2-Propanethiol,...	3.281	4.0	ug/L	465524	1	5.629	586636	5.0
2,2-Dimethylthi...	5.741	11.6	ug/L	1365840	1	5.629	586636	5.0
2-Butanone, 3,3...	6.580	36.1	ug/L	4232110	1	5.629	586636	5.0
Disulfide, dime...	7.098	4.0	ug/L	468843	1	5.629	586636	5.0
2-Methyl-3-(met...	7.574	5.2	ug/L	769267	2	8.854	740237	5.0
2-Pentanone, 4,...	7.934	3.3	ug/L	492942	2	8.854	740237	5.0
2-Methyl-1-hexanol	10.336	142.6	ug/L	24567900	3	11.246	861419	5.0
1-Heptanol	10.815	2.8	ug/L	479866	3	11.246	861419	5.0
Ethene, 1-(ethy...	11.059	1.7	ug/L	300347	3	11.246	861419	5.0
1-Propene, 3,3'...	11.162	1.8	ug/L	317804	3	11.246	861419	5.0
1-Hexanol, 2-et...	11.532	174.0	ug/L	29976100	3	11.246	861419	5.0
Fenchone	12.381	2.1	ug/L	368195	3	11.246	861419	5.0
Octane, 1,1'-ox...	12.503	8.1	ug/L	1392190	3	11.246	861419	5.0
Dodecane, 1-flu...	12.628	7.1	ug/L	1219660	3	11.246	861419	5.0
Acetic acid, tr...	12.670	12.8	ug/L	2198440	3	11.246	861419	5.0
(DEL) Alkane: C...	13.062	3.2	ug/L	544186	3	11.246	861419	5.0
(+)-2-Bornanone	13.162	2.0	ug/L	346639	3	11.246	861419	5.0
Phenol, 2-(1-me...	13.879	9.0	ug/L	1553360	3	11.246	861419	5.0
Phenol, 2-(1,1-...	14.561	3.9	ug/L	679130	3	11.246	861419	5.0
Phenol, p-tert-...	14.931	3.1	ug/L	534303	3	11.246	861419	5.0