LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
Data File : VX027076.D
Acq On : 17 Feb 2022 14:36
Operator : JC/MD
Sample : N1583-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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_X\Method\82X020822W.M
Title : SW846 8260

Signal : TIC: VX027076.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.258	26	28	43	rVB	58349	91711	3.05%	0.793%
2	2.392	204	214	233	rBV2	31997	95505	3.17%	0.826%
3	2.959	296	307	326	rBV	1150694	2487845	82.64%	21.518%
4	4.586	553	574	586	rBV	932522	3010469	100.00%	26.038%
5	5.007	632	643	666	rVB	305362	936224	31.10%	8.098%
6	5.391	695	706	720	rVB	64168	180779	6.01%	1.564%
7	5.556	720	733	747	rVB	107293	304637	10.12%	2.635%
8	5.958	788	799	808	rBV	68120	180490	6.00%	1.561%
9	6.232	835	844	855	rVV2	22538	63170	2.10%	0.546%
10	6.769	920	932	942	rVV	163881	396390	13.17%	3.428%
11	8.573	1220	1228	1234	rBV3	22308	44775	1.49%	0.387%
12	8.653	1234	1241	1247	rBV	342355	525843	17.47%	4.548%
13	8.720	1247	1252	1261	rVB2	26239	45590	1.51%	0.394%
14	8.805	1261	1266	1271	rBV	33390	52162	1.73%	0.451%
15	9.378	1352	1360	1366	rBV	103147	151414	5.03%	1.310%
16	10.055	1460	1471	1476	rBV	352685	488697	16.23%	4.227%
17	10.213	1491	1497	1505	rBV2	16769	33752	1.12%	0.292%
18	10.305	1507	1512	1518	rVV	55903	83457	2.77%	0.722%
19	10.646	1563	1568	1573	rBV	45190	60521	2.01%	0.523%
20	11.085	1634	1640	1645	rBV	267015	356563	11.84%	3.084%
21	11.890	1761	1772	1776	rBV2	36500	56086	1.86%	0.485%
22	12.024	1788	1794	1801	rBV	363520	481293	15.99%	4.163%
23	12.103	1801	1807	1811	rBV2	40435	69224	2.30%	0.599%
24	12.244	1825	1830	1837	rBV2	21210	36417	1.21%	0.315%
25	12.579	1882	1885	1889	rVB	32187	37573	1.25%	0.325%
26	12.768	1909	1916	1921	rBV2	87579	123560	4.10%	1.069%
27	12.908	1928	1939	1945	rBV	479776	642389	21.34%	5.556%
28	12.963	1945	1948	1953	rVB3	29055	42645	1.42%	0.369%
29	13.475	2027	2032	2045	rBV2	78178	134363	4.46%	1.162%
30	13.591	2045	2051	2061	rBV2	127473	205437	6.82%	1.777%
31	13.780	2077	2082	2088	rVB	73865	101278	3.36%	0.876%
32	13.926	2101	2106	2120	rVB2	18130	41441	1.38%	0.358%

Sum of corrected areas: 11561700

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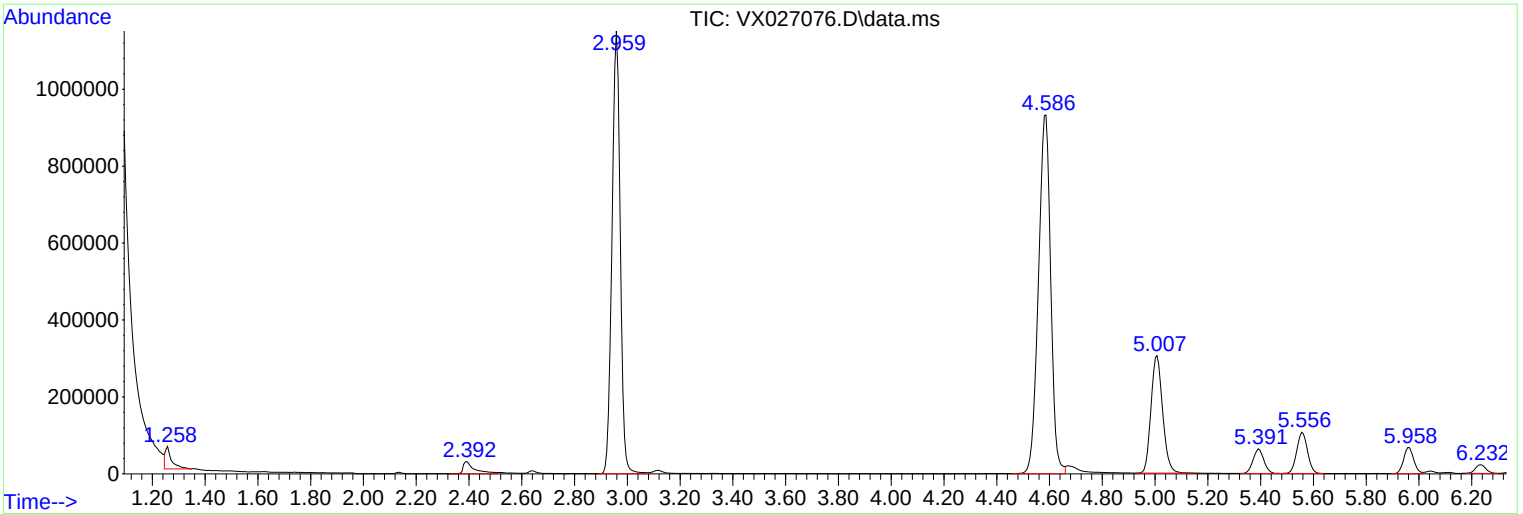
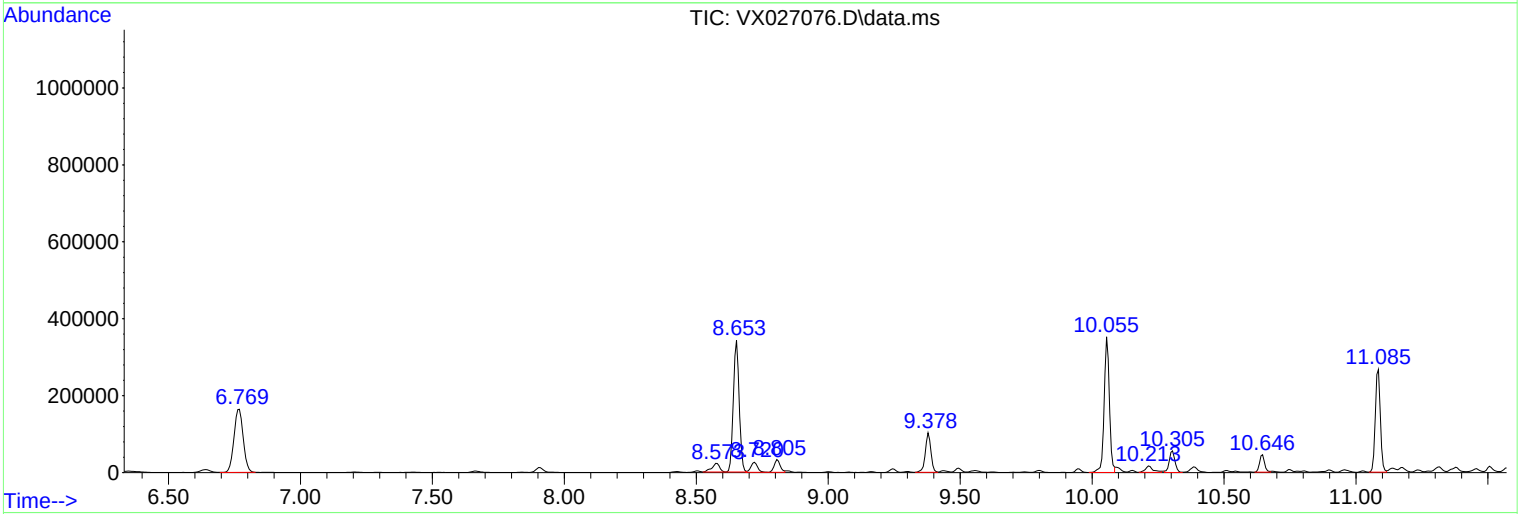
ALS Vial : 11 Sample Multiplier: 1

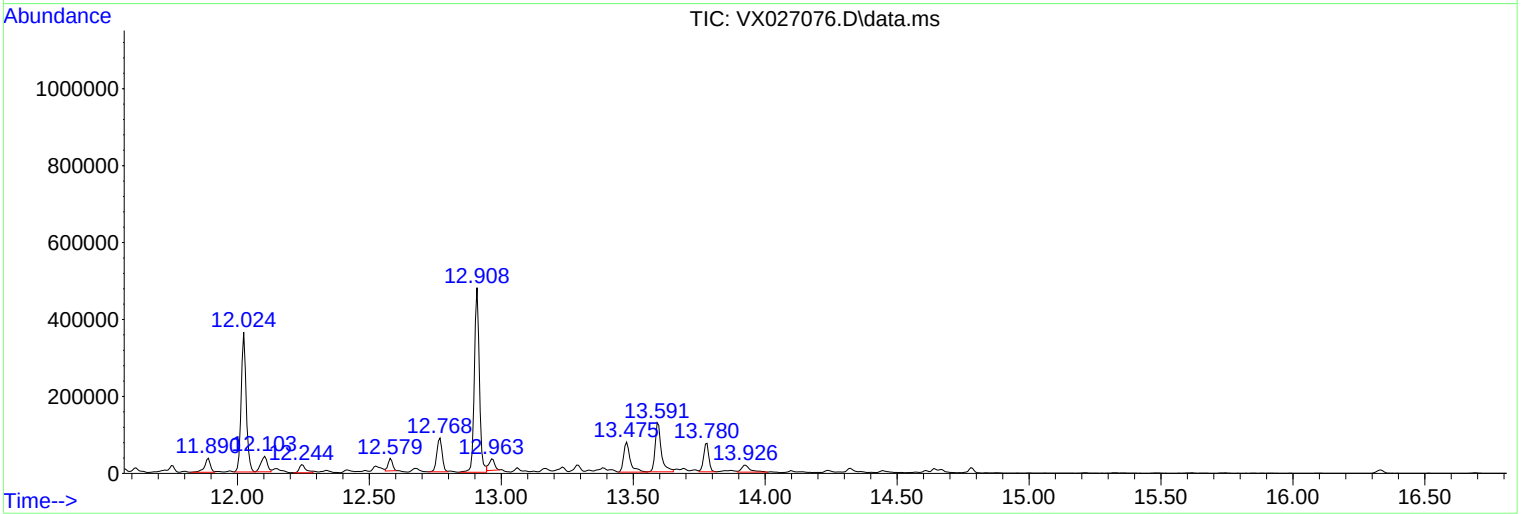
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

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







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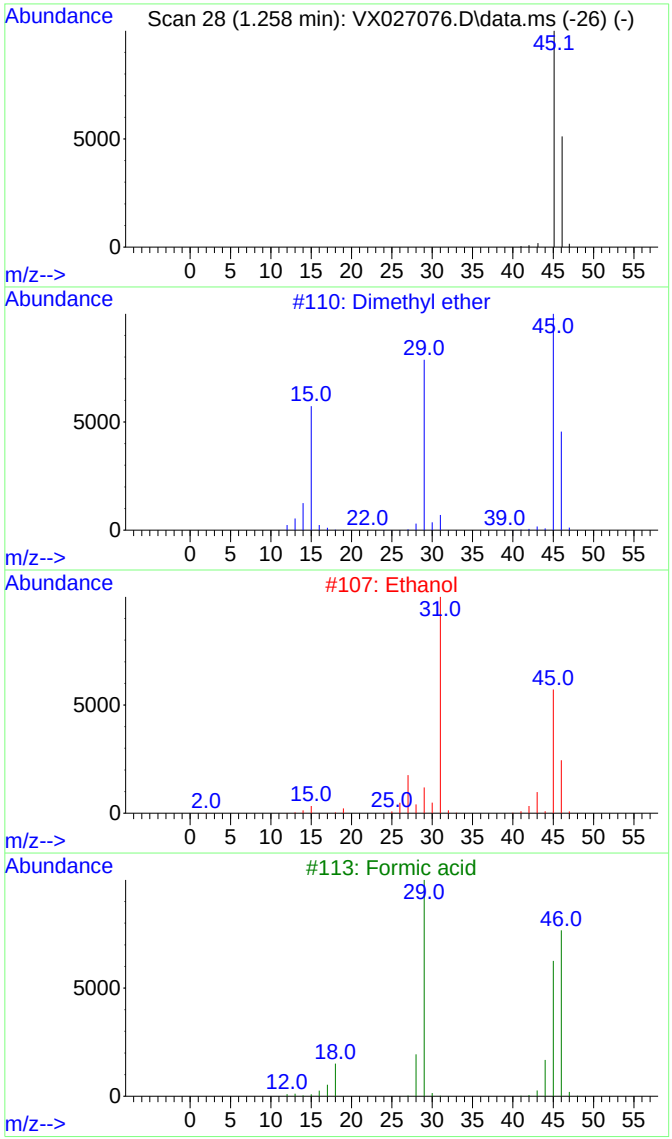
Quant Title : SW846 8260

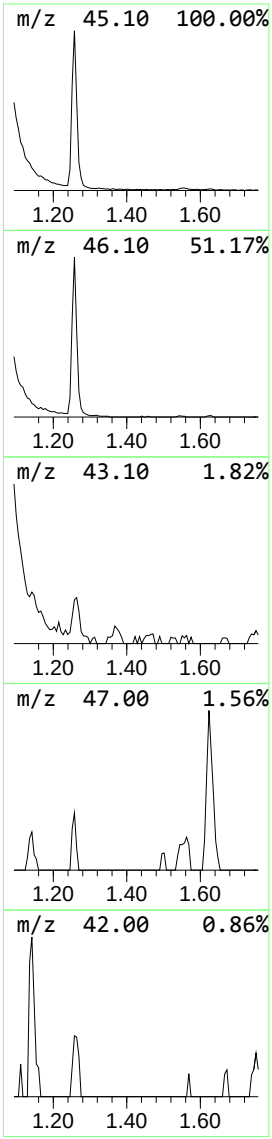
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Dimethyl ether Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.258	15.05 ug/l	91711	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	74
2	Ethanol	46	C2H6O	000064-17-5	7
3	Formic acid	46	CH2O2	000064-18-6	5
4	Ethene, fluoro-	46	C2H3F	000075-02-5	4
5	Hydrazine, methyl-	46	CH6N2	000060-34-4	4





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Data File : VX027076.D
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Operator : JC/MD
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Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

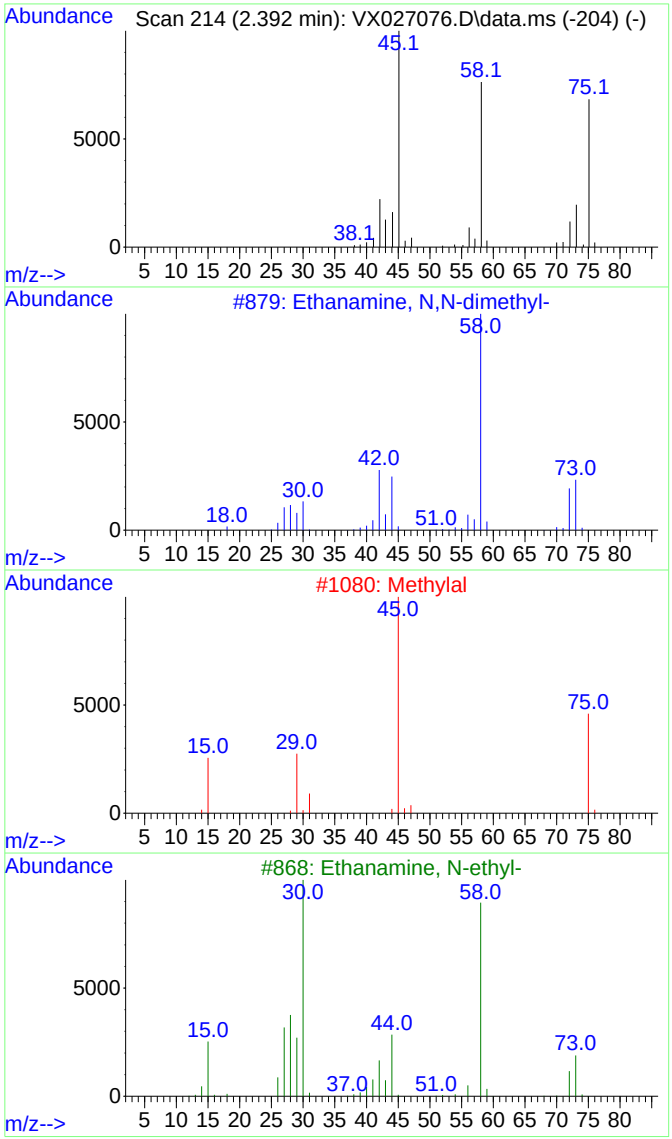
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

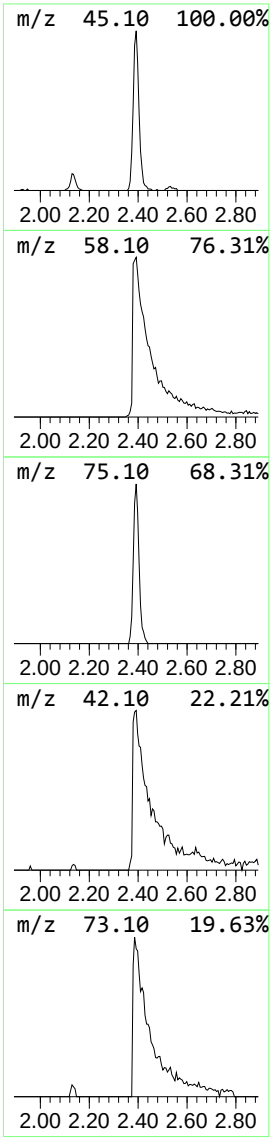
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanamine, N,N-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.392	15.68 ug/l	95505	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanamine, N,N-dimethyl-	73	C4H11N	000598-56-1	55
2	Methylal	76	C3H8O2	000109-87-5	38
3	Ethanamine, N-ethyl-	73	C4H11N	000109-89-7	38
4	Carbamic acid, 2-(dimethylamino)...	132	C5H12N2O2	004220-32-0	25
5	1-Propanone, 1-(1-adamantyl)-3-d...	235	C15H25NO	031878-58-7	17





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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

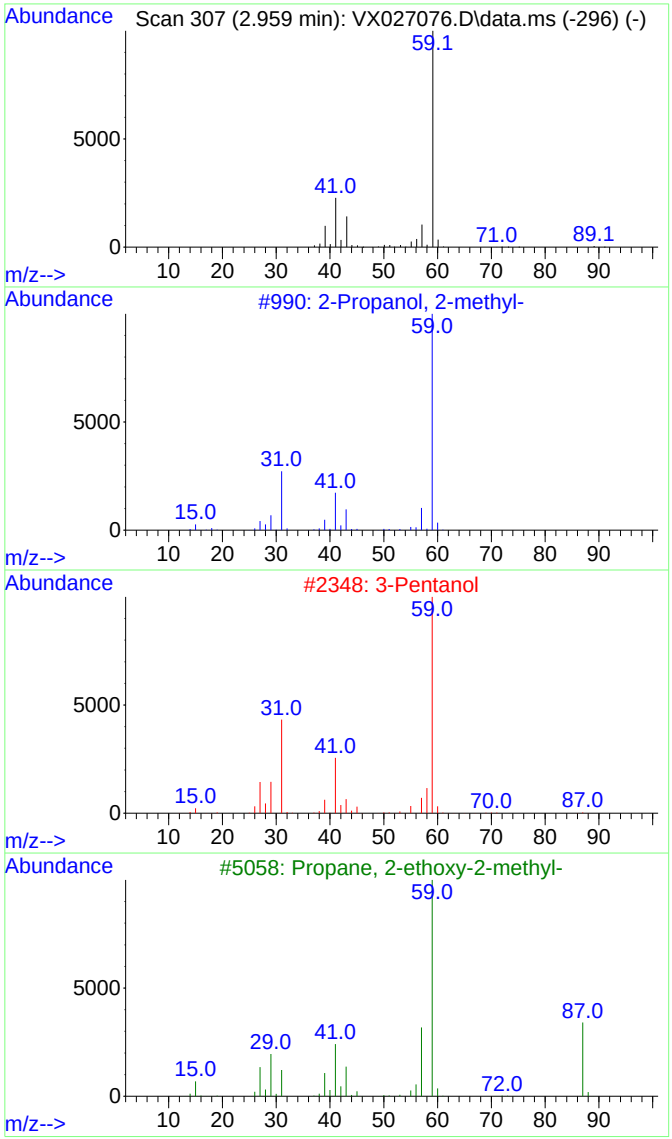
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

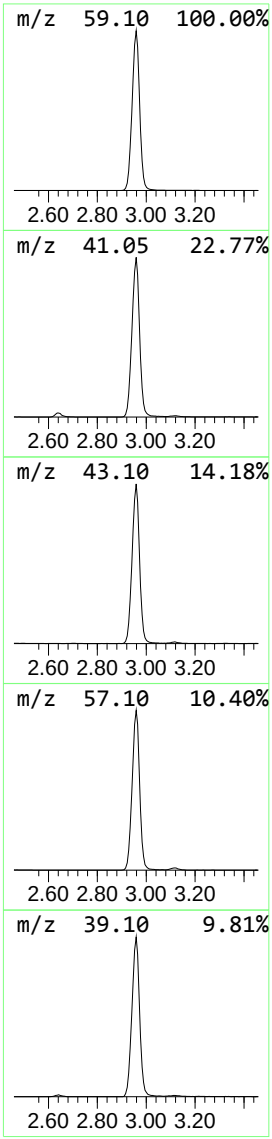
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Propanol, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.959	408.33 ug/l	2487850	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	78
2	3-Pentanol	88	C5H12O	000584-02-1	56
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	39
4	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	9
5	HEX-5-EN-3-OL	100	C6H12O	000688-99-3	9





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Data File : VX027076.D
Acq On : 17 Feb 2022 14:36
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

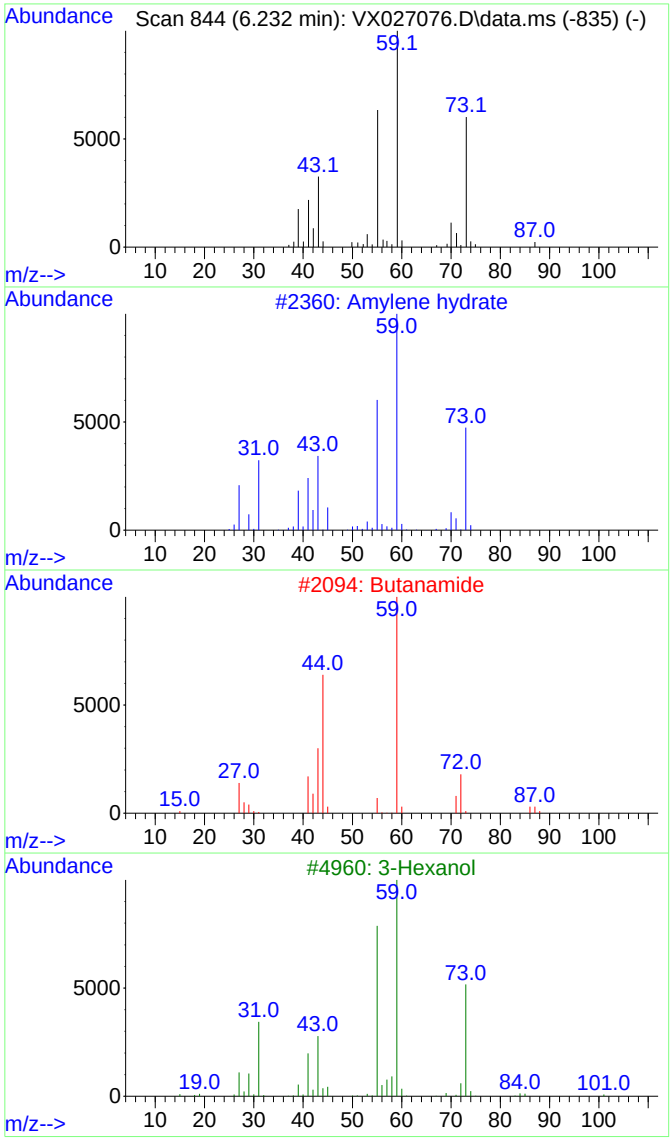
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

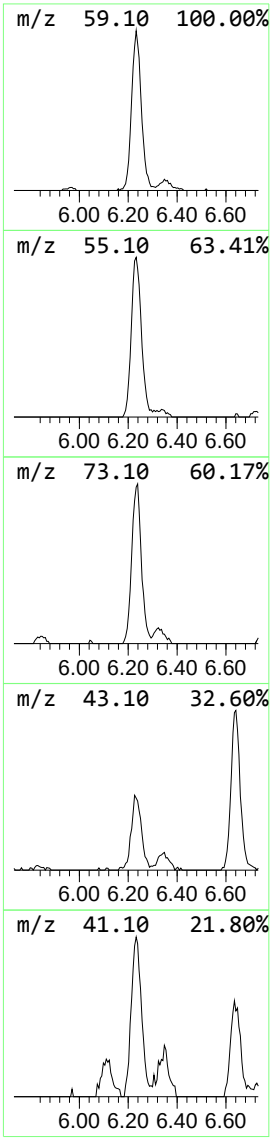
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Amylene hydrate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.232	7.97 ug/l	63170	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	83
2	Butanamide	87	C4H9NO	000541-35-5	59
3	3-Hexanol	102	C6H14O	000623-37-0	50
4	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	38
5	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
Data File : VX027076.D
Acq On : 17 Feb 2022 14:36
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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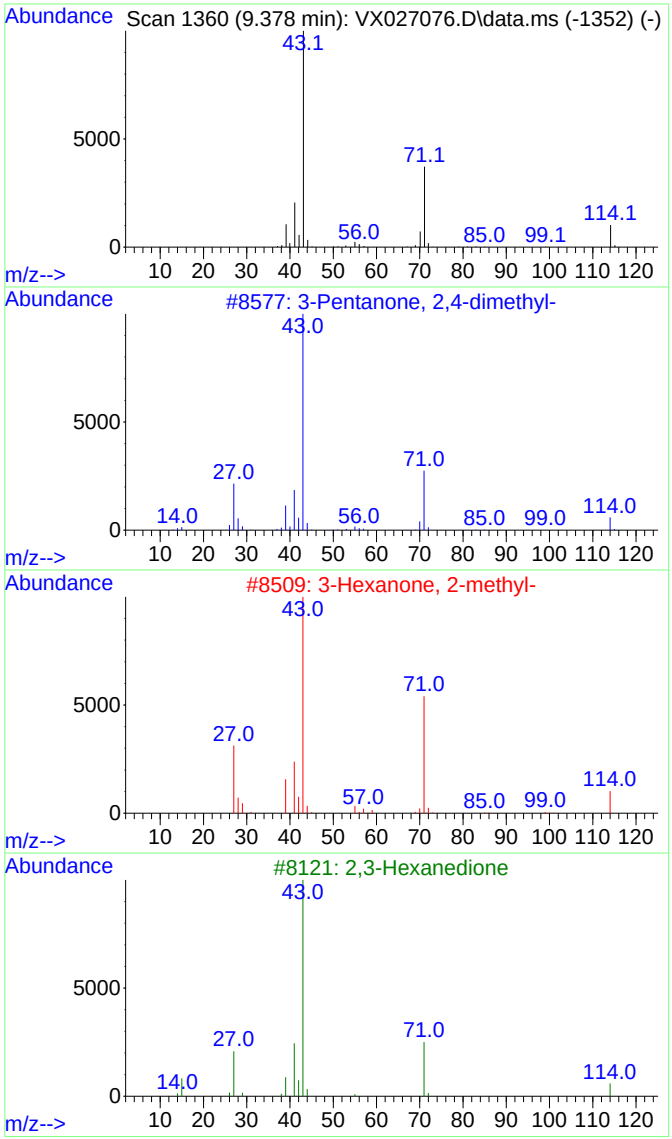
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

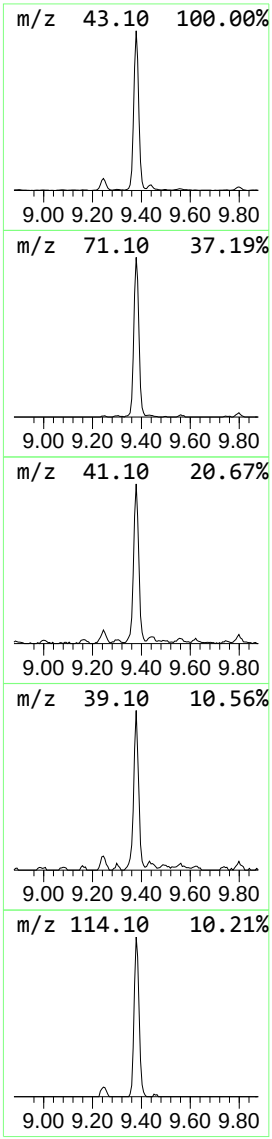
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.378	15.49 ug/l	151414	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	90
2	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	86
3	2,3-Hexanedione	114	C6H10O2	003848-24-6	78
4	4-Heptanone	114	C7H14O	000123-19-3	53
5	3,4-Dimethyl-2-pentanone	114	C7H14O	1000202-23-1	45





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Instrument :
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ClientSampleId :
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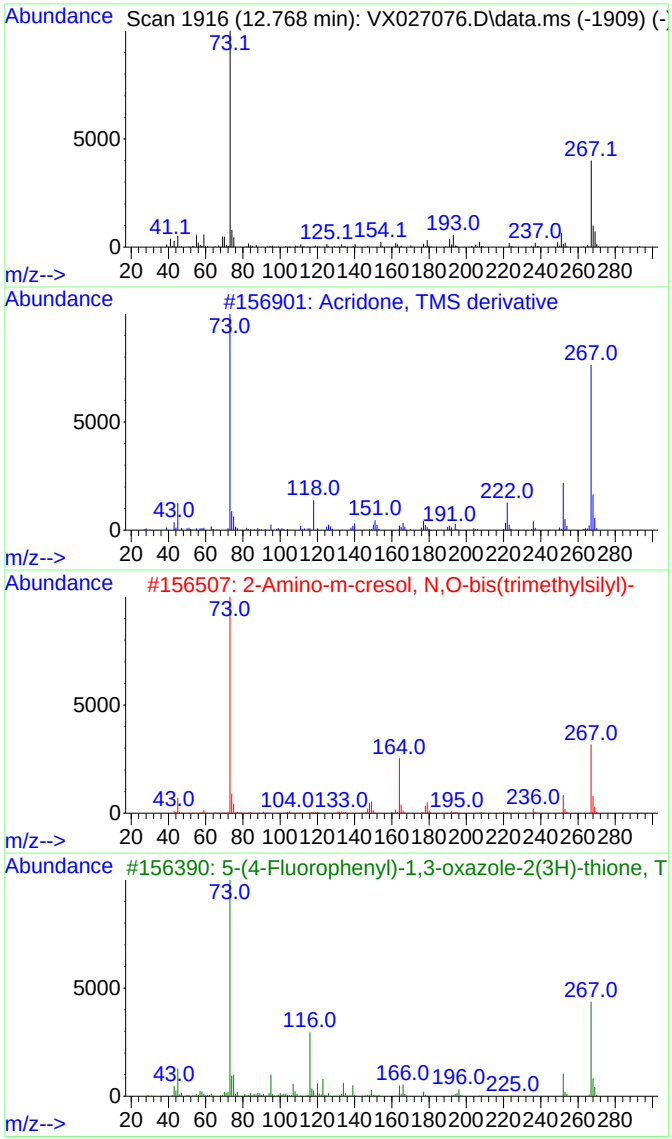
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

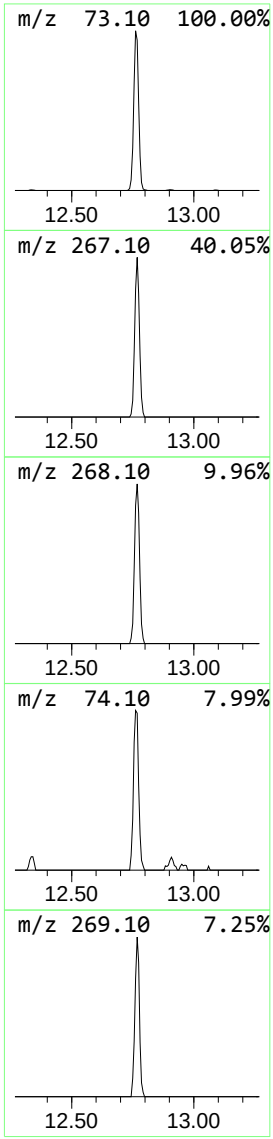
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Acridone, TMS derivative Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.768	12.84 ug/l	123560	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	59
2	2-Amino-m-cresol, N,O-bis(trimet...	267	C13H25NOSi2	1000449-77-1	59
3	5-(4-Fluorophenyl)-1,3-oxazole-2...	267	C12H14FNOSSi	1000497-07-6	59
4	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	45
5	9-Acridinol, trimethylsilyl ether	267	C16H17NOSi	1000463-65-5	45





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Operator : JC/MD
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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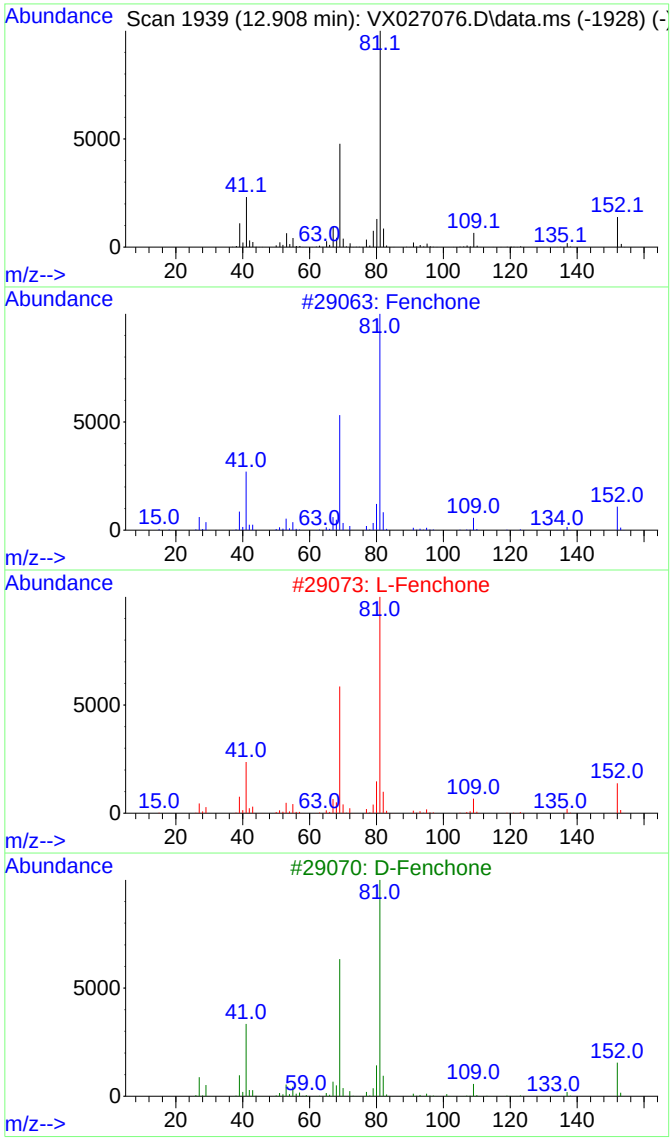
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

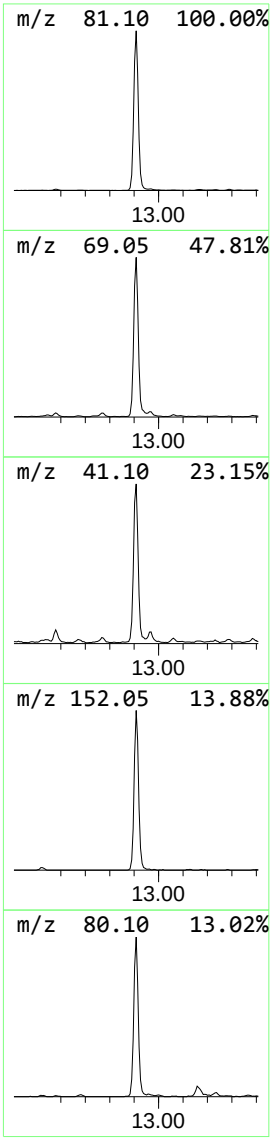
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Fenchone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.908	66.74 ug/l	642389	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	95
2	L-Fenchone	152	C10H16O	007787-20-4	94
3	D-Fenchone	152	C10H16O	004695-62-9	94
4	Ethanone, 1-(2-methyl-2-cyclopen...	124	C8H12O	001767-84-6	45
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	45





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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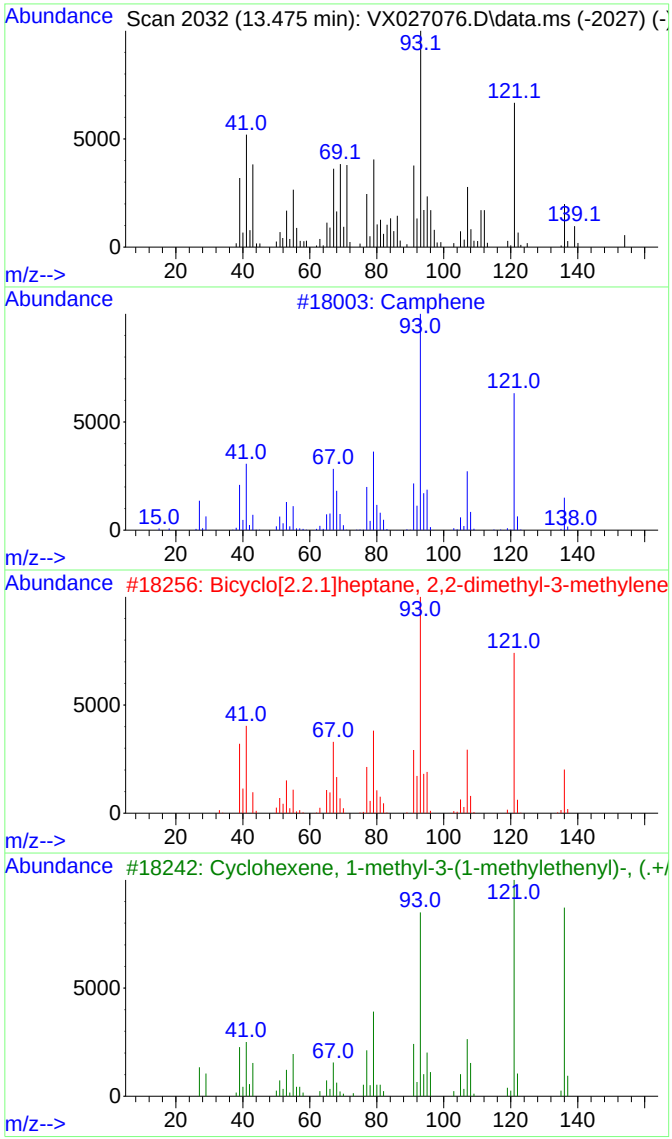
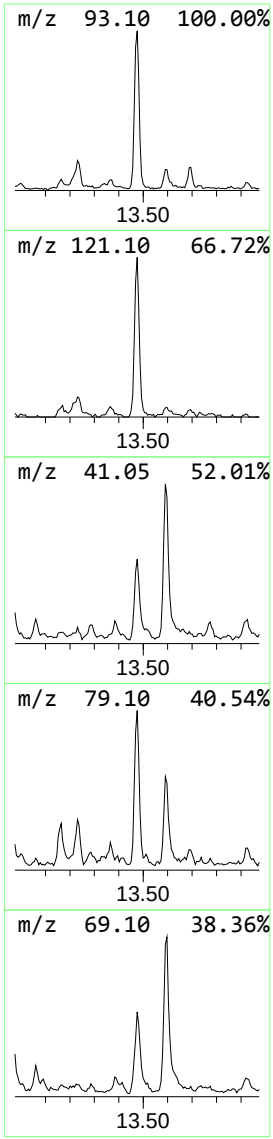
****

Peak Number 9 Camphene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	13.96 ug/l	134363	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	98
2	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	97
3	Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	87
4	Bicyclo[4.1.0]heptane, 7-(1-meth...	136	C10H16	053282-47-6	64
5	Cyclopentene, 4-ethenyl-1,5,5-tr...	136	C10H16	001727-69-1	62





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Data File : VX027076.D
Acq On : 17 Feb 2022 14:36
Operator : JC/MD
Sample : N1583-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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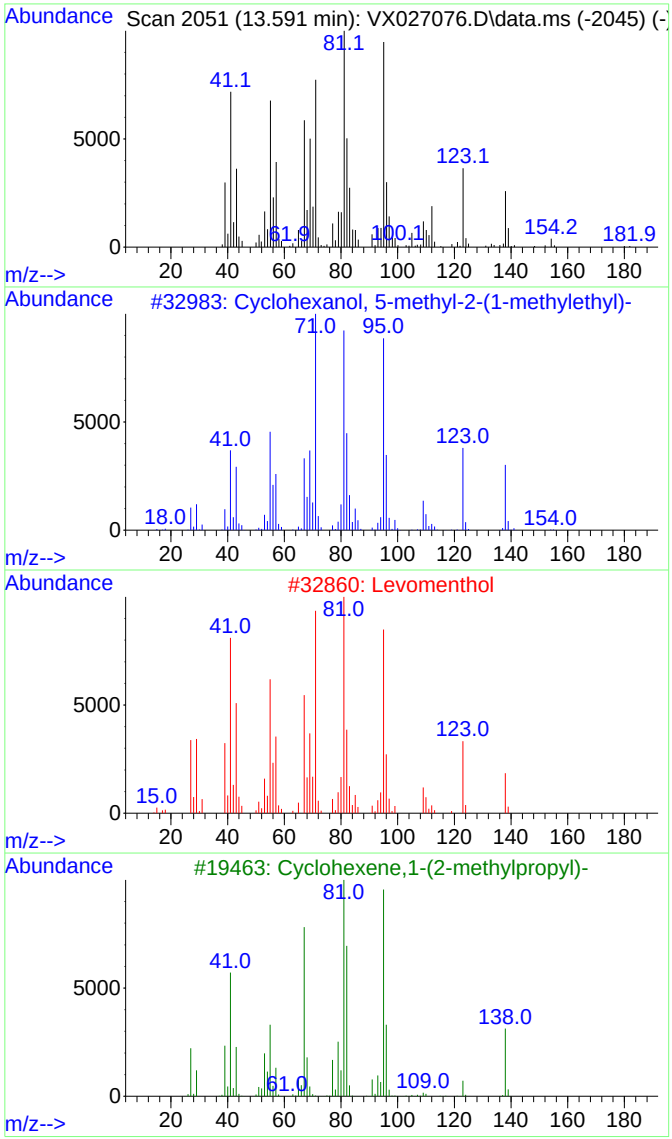
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

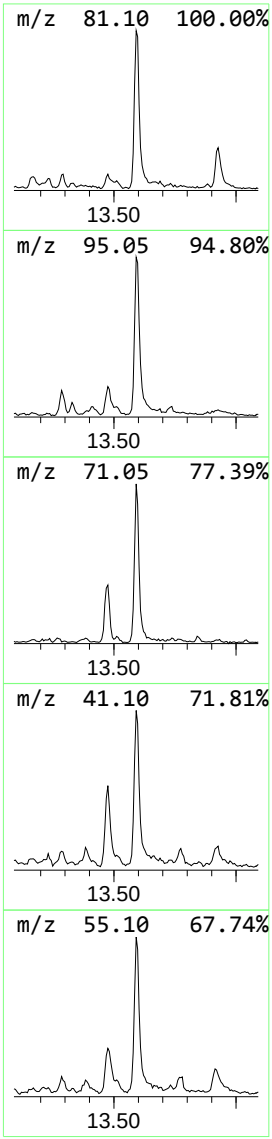
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.591	21.34 ug/l	205437	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	87
2	Levomenthol	156	C10H20O	002216-51-5	86
3	Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	83
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	70
5	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
Data File : VX027076.D
Acq On : 17 Feb 2022 14:36
Operator : JC/MD
Sample : N1583-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl ether	1.258	15.1	ug/l	91711	1	5.556	304637	50.0
Ethanamine, N,N...	2.392	15.7	ug/l	95505	1	5.556	304637	50.0
2-Propanol, 2-m...	2.959	408.3	ug/l	2487850	1	5.556	304637	50.0
Amylene hydrate	6.232	8.0	ug/l	63170	2	6.769	396390	50.0
3-Pentanone, 2,...	9.378	15.5	ug/l	151414	3	10.055	488697	50.0
Acridone, TMS d...	12.768	12.8	ug/l	123560	4	12.024	481293	50.0
Fenchone	12.908	66.7	ug/l	642389	4	12.024	481293	50.0
Camphene	13.475	14.0	ug/l	134363	4	12.024	481293	50.0
Cyclohexanol, 5...	13.591	21.3	ug/l	205437	4	12.024	481293	50.0