LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
Data File : VX019503.D
Acq On : 20 Nov 2020 18:12
Operator : JC/MD
Sample : L4827-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 201118060-02-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\82X112120W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.270	27	30	44	rVB2	165005	242917	3.96%	1.054%
2	2.428	214	220	227	rBV	70586	115367	1.88%	0.500%
3	2.483	227	229	247	rBV2	34877	115422	1.88%	0.501%
4	3.050	313	322	336	rVB	1695798	4067152	66.22%	17.644%
5	3.172	336	342	355	rVB2	23643	61610	1.00%	0.267%
6	4.702	576	593	629	rBV	1780418	6141698	100.00%	26.643%
7	5.093	645	657	682	rVB	776000	2348043	38.23%	10.186%
8	5.465	707	718	731	rBV	147395	422098	6.87%	1.831%
9	5.623	734	744	761	rVB	279333	799230	13.01%	3.467%
10	6.025	799	810	819	rBV	173544	467992	7.62%	2.030%
11	6.105	819	823	831	rVV2	24544	64274	1.05%	0.279%
12	6.257	833	848	855	rVV	88223	338513	5.51%	1.468%
13	6.330	856	860	868	rVV	45386	116592	1.90%	0.506%
14	6.830	931	942	957	rBV	426406	1014484	16.52%	4.401%
15	7.958	1120	1127	1133	rBV	39652	75505	1.23%	0.328%
16	8.696	1241	1248	1254	rBV	866238	1360274	22.15%	5.901%
17	8.763	1254	1259	1268	rVV2	49001	94230	1.53%	0.409%
18	8.854	1268	1274	1285	rVB	60084	107639	1.75%	0.467%
19	9.421	1359	1367	1374	rBV	77242	121480	1.98%	0.527%
20	10.098	1466	1478	1490	rBV	811196	1243628	20.25%	5.395%
21	10.238	1496	1501	1512	rBV2	42074	97759	1.59%	0.424%
22	10.342	1512	1518	1524	rVV	136874	198079	3.23%	0.859%
23	10.683	1569	1574	1585	rBV	106947	149506	2.43%	0.649%
24	11.122	1640	1646	1651	rBV	667287	858576	13.98%	3.725%
25	11.787	1741	1755	1760	rBV	37645	71034	1.16%	0.308%
26	11.927	1769	1778	1785	rBV	76266	105102	1.71%	0.456%
27	12.061	1794	1800	1807	rVB	885443	1161274	18.91%	5.038%
28	12.280	1829	1836	1841	rBV	49173	71911	1.17%	0.312%
29	12.799	1914	1921	1926	rVB2	126437	187935	3.06%	0.815%
30	12.945	1938	1945	1949	rBV	144631	193109	3.14%	0.838%
31	13.000	1949	1954	1959	rVB4	53057	78975	1.29%	0.343%
32	13.512	2033	2038	2041	rBV2	88359	124428	2.03%	0.540%
33	13.548	2041	2044	2052	rVB	259589	331749	5.40%	1.439%
34	13.628	2052	2057	2062	rBV2	70868	104238	1.70%	0.452%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
Data File : VX019503.D
Acq On : 20 Nov 2020 18:12
Operator : JC/MD
Sample : L4827-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 201118060-02-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\82X112120W.M
Title : SW846 8260

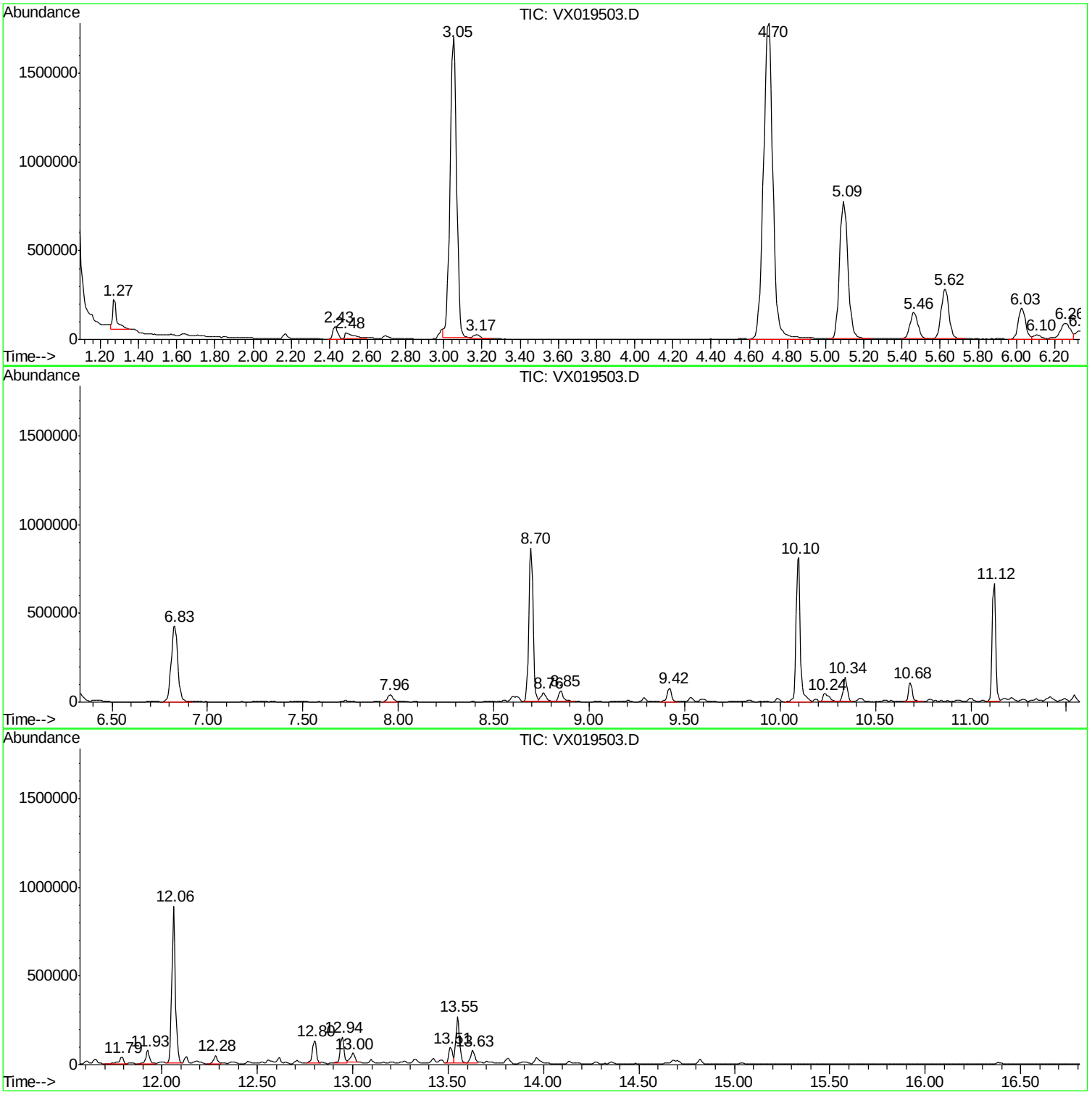
Sum of corrected areas: 23051823

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
Data File : VX019503.D
Acq On : 20 Nov 2020 18:12
Operator : JC/MD
Sample : L4827-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
201118060-02-VOA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112120\
Data File : VX019503.D
Acq On : 20 Nov 2020 18:12
Operator : JC/MD
Sample : L4827-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 201118060-02-VOA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260

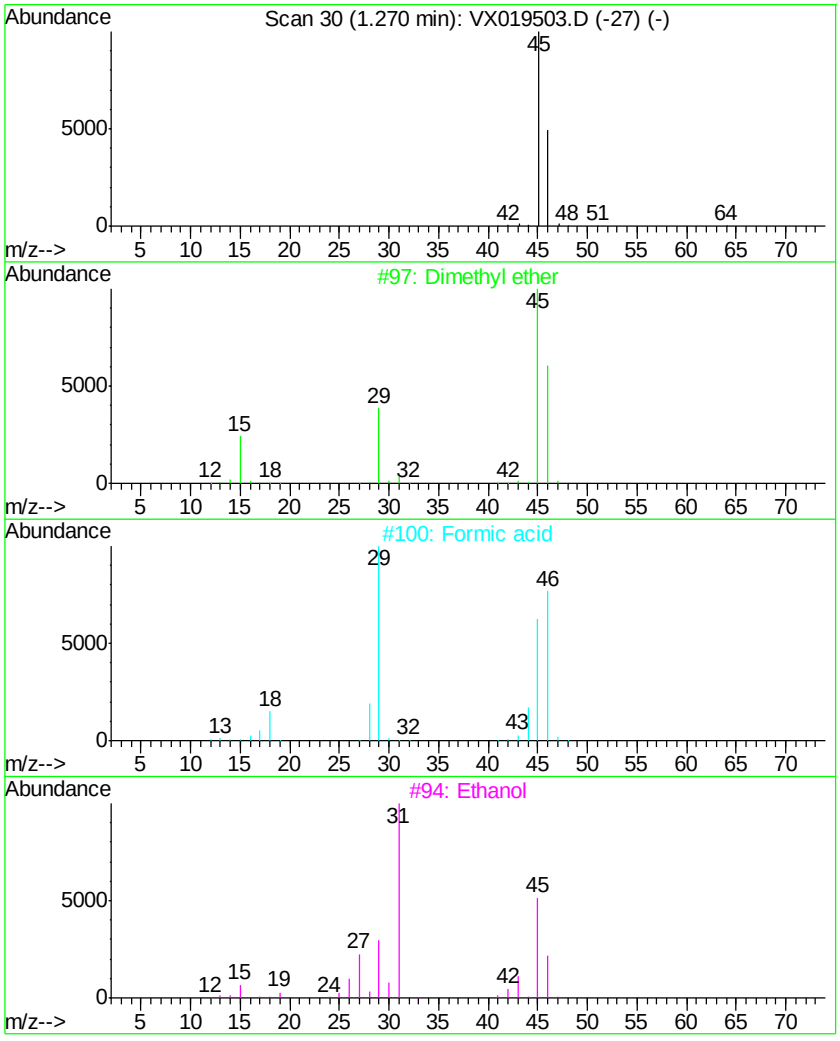
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

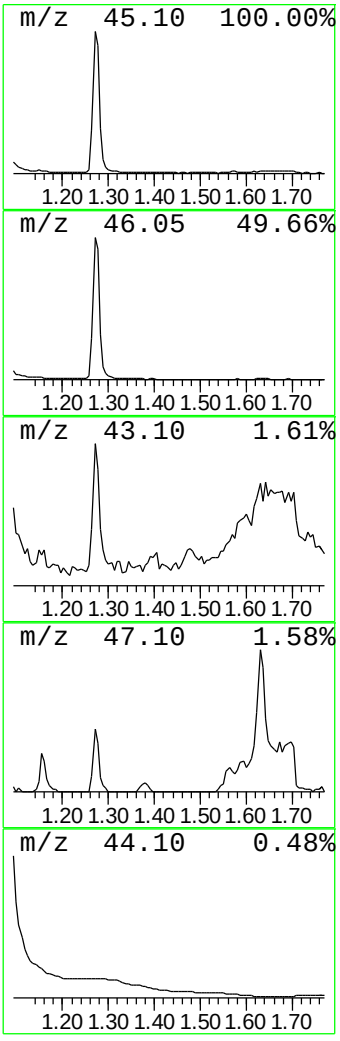
****

Peak Number 1 Dimethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.27	15.20 ug/l	242917	Pentafluorobenzene	5.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	74
2	Formic acid	46	CH2O2	000064-18-6	7
3	Ethanol	46	C2H6O	000064-17-5	7
4	Oxalic acid	90	C2H2O4	000144-62-7	4
5	Methane, nitroso-	45	CH3NO	000865-40-7	3





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112120\
Data File : VX019503.D
Acq On : 20 Nov 2020 18:12
Operator : JC/MD
Sample : L4827-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 201118060-02-VOA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260

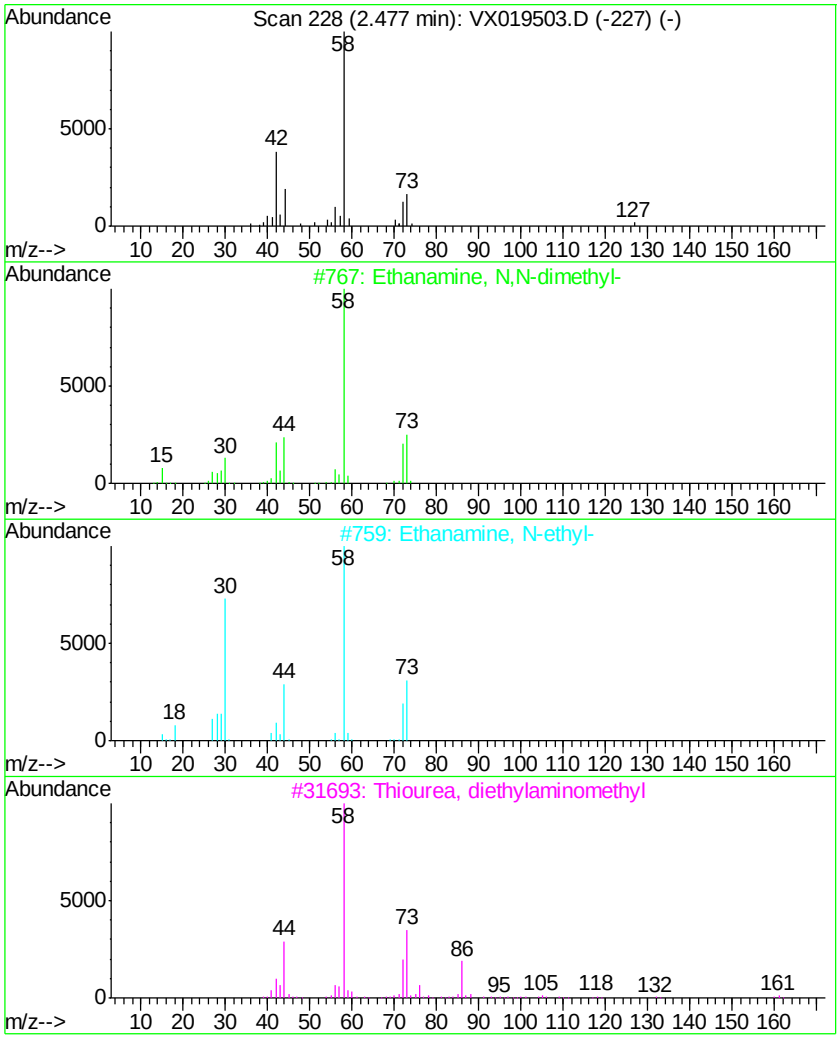
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

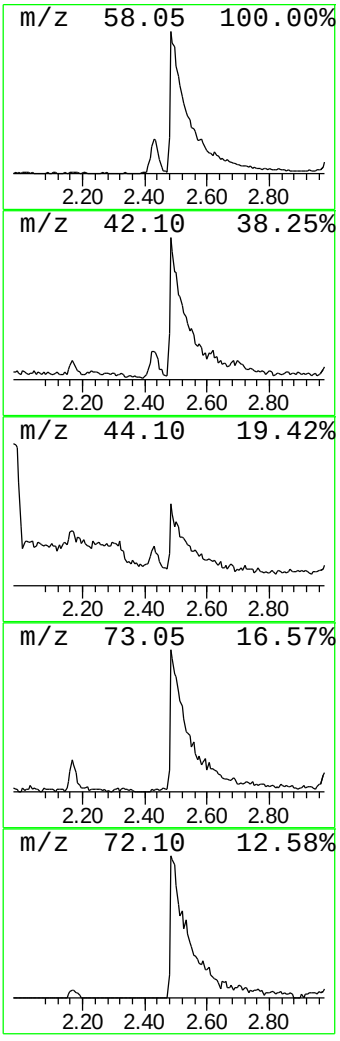
****

Peak Number 2 Ethanamine, N,N-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.48	7.22 ug/l	115422	Pentafluorobenzene	5.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanamine, N,N-dimethyl-	73	C4H11N	000598-56-1	80
2	Ethanamine, N-ethyl-	73	C4H11N	000109-89-7	72
3	Thiourea, diethylaminomethyl	161	C6H15N3S	109858-56-2	64
4	Carbamic acid, 2-(dimethylamino)...	132	C5H12N2O2	004220-32-0	50
5	2-Methyl-1,2-propanediamine	88	C4H12N2	000811-93-8	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112120\
Data File : VX019503.D
Acq On : 20 Nov 2020 18:12
Operator : JC/MD
Sample : L4827-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 201118060-02-VOA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260

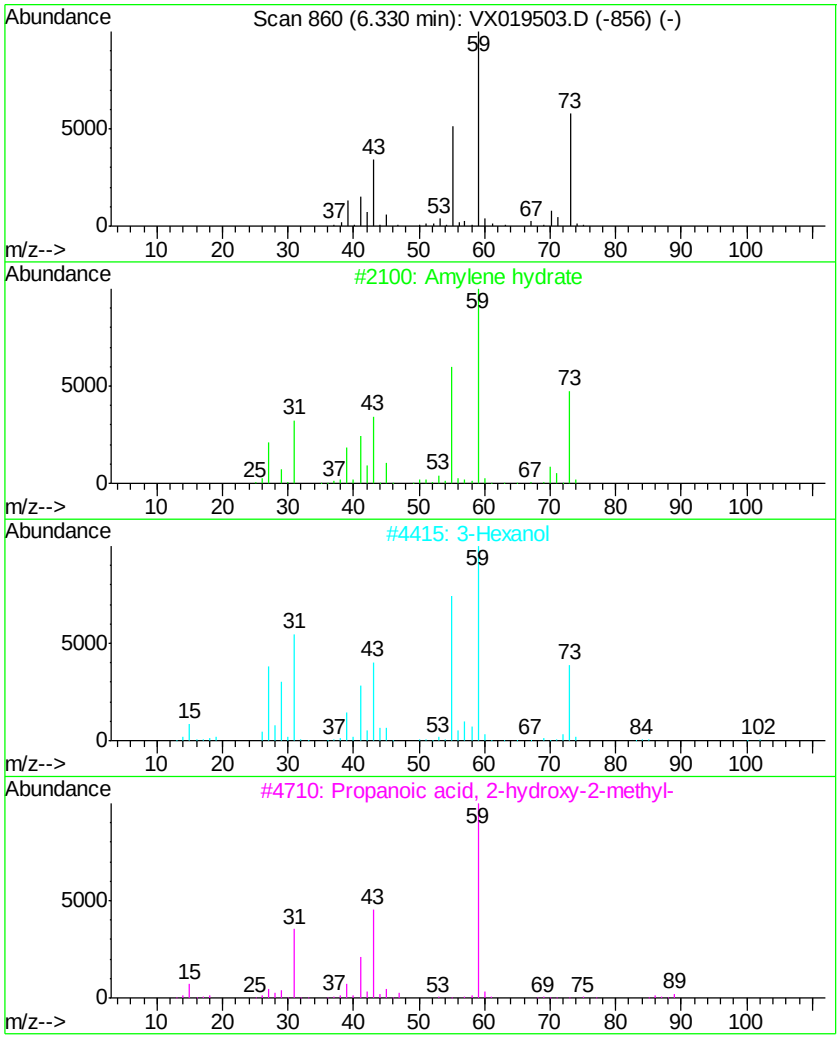
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

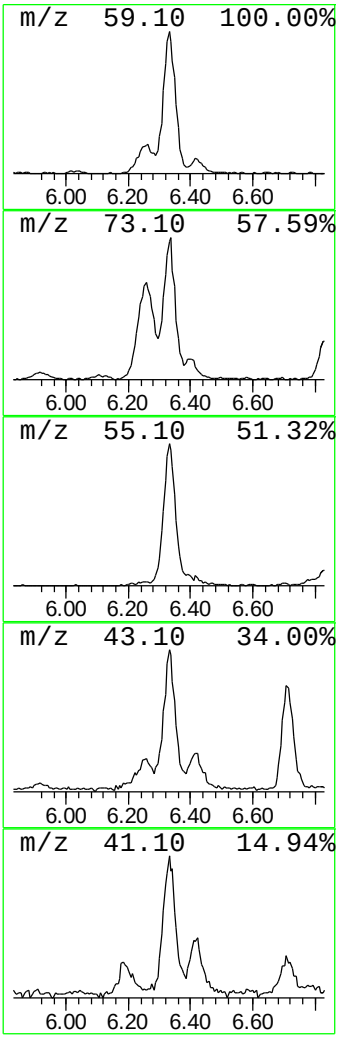
****

Peak Number 5 Amylene hydrate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	5.75 ug/l	116592	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	83
2	3-Hexanol	102	C6H14O	000623-37-0	43
3	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	36
4	Silane, dimethyl-	60	C2H8Si	001111-74-6	9
5	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112120\
Data File : VX019503.D
Acq On : 20 Nov 2020 18:12
Operator : JC/MD
Sample : L4827-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 201118060-02-VOA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260

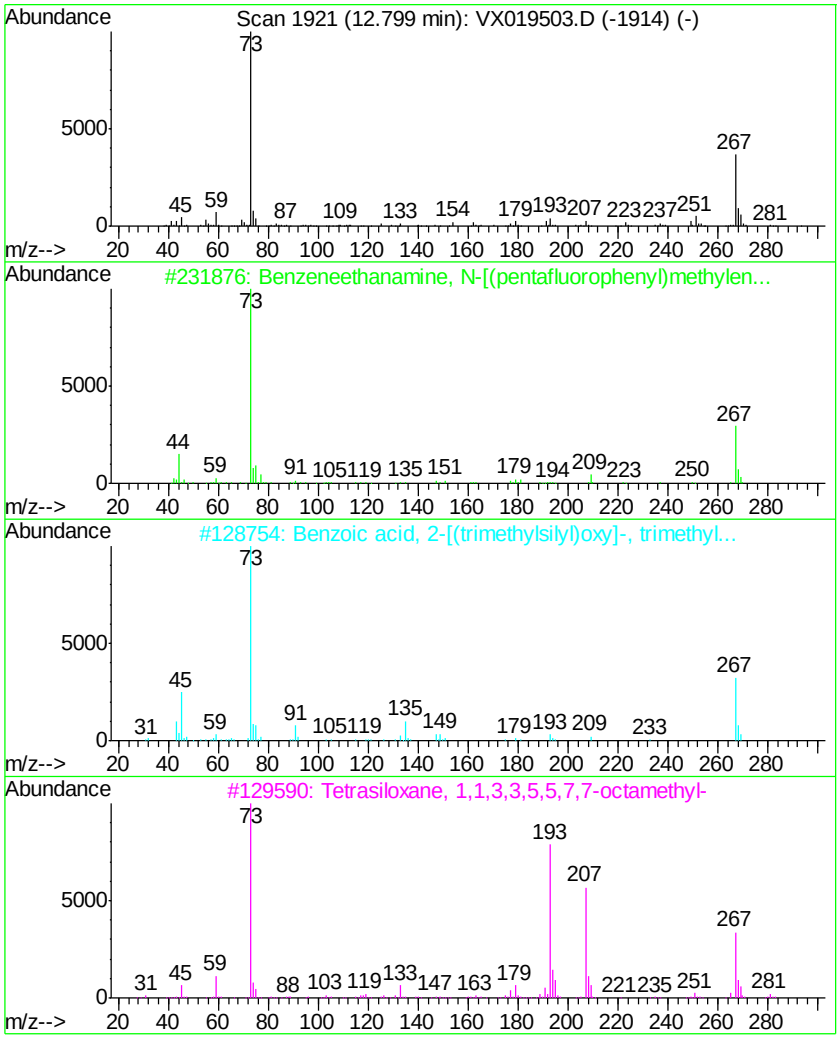
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

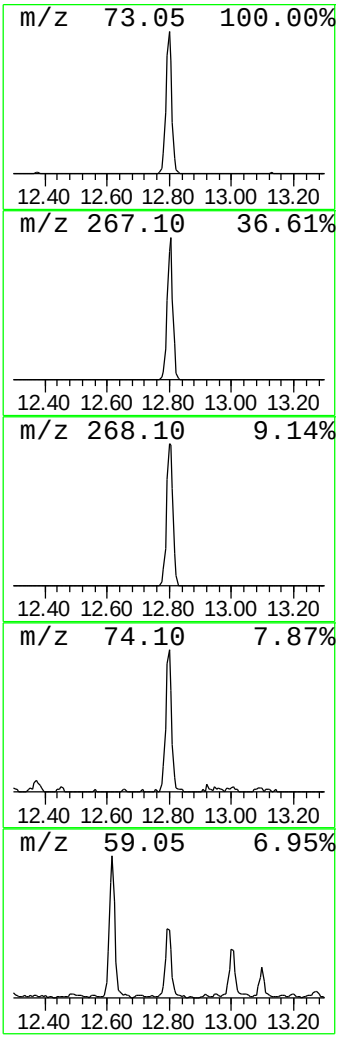
****

Peak Number 6 Benzeneethanamine, N-[(pent... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	8.09 ug/l	187935	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	59
2	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	59
3	Tetrasiloxane, 1,1,3,3,5,5,7,7-o...	282	C8H26O3Si4	001000-05-1	16
4	1-(3-Chlorophenyl)piperazine, 4-...	268	C13H21ClN2Si	1000373-99-3	12
5	1-Boraindane, 3-methyl-1-[1-(tri...	266	C17H23BSi	190316-36-0	12





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112120\
Data File : VX019503.D
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Sample : L4827-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 201118060-02-VOA

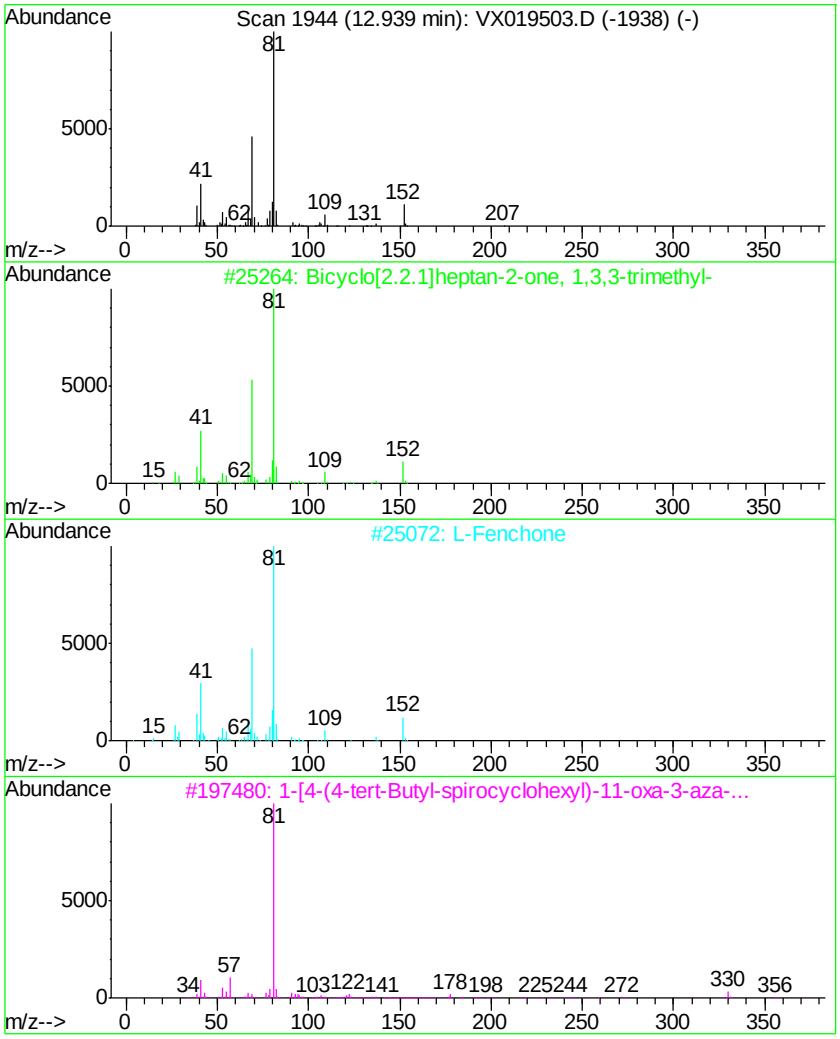
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260

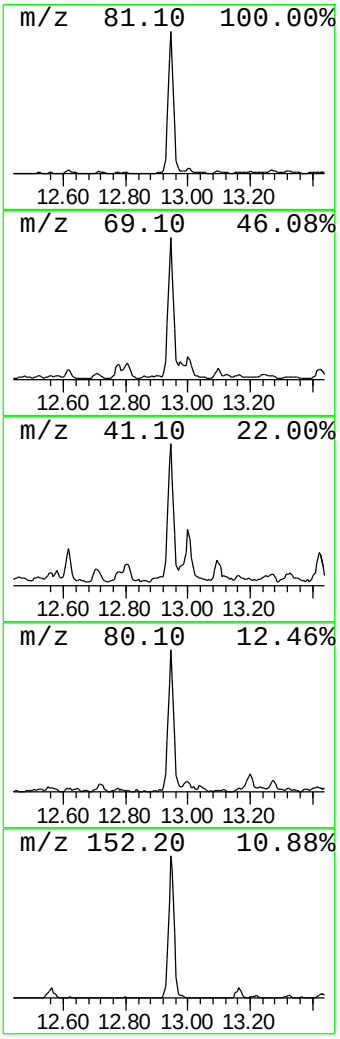
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	8.31 ug/l	193109	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
2	L-Fenchone	152	C10H16O	007787-20-4	94
3	1-[4-(4-tert-Butyl-spirocyclohex...	371	C20H28F3NO2	1000301-43-3	50
4	D-Fenchone	152	C10H16O	004695-62-9	46
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	45





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Data File : VX019503.D
Acq On : 20 Nov 2020 18:12
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument : MSVOA_X
ClientSampleId : 201118060-02-VOA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260

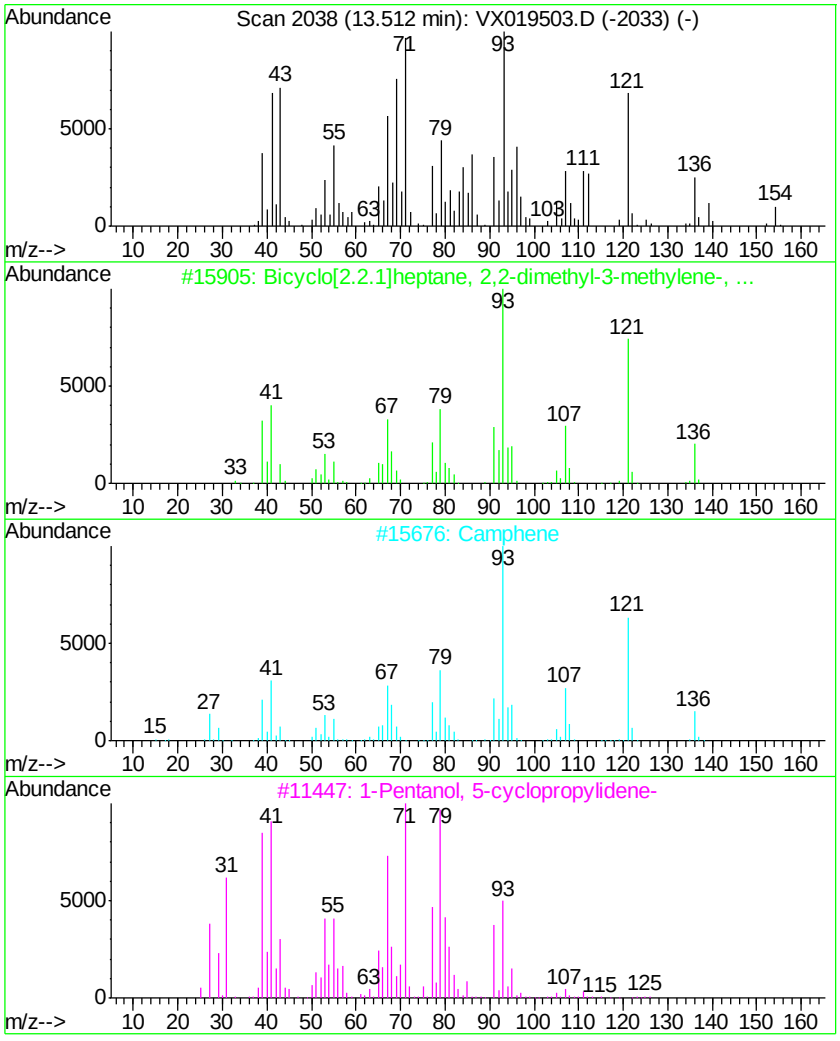
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

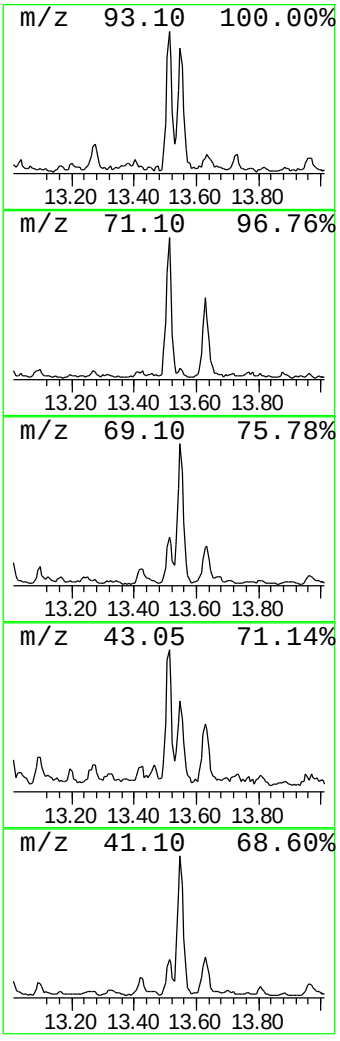
****

Peak Number 8 Bicyclo[2.2.1]heptane, 2,2-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	5.36 ug/l	124428	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	66
2	Camphene	136	C10H16	000079-92-5	64
3	1-Pentanol, 5-cyclopropylidene-	126	C8H14O	162377-97-1	46
4	Bicyclo[2.2.1]heptan-2-ol, 2,3,3...	154	C10H18O	000465-31-6	38
5	Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	38





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ALS Vial : 18 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260

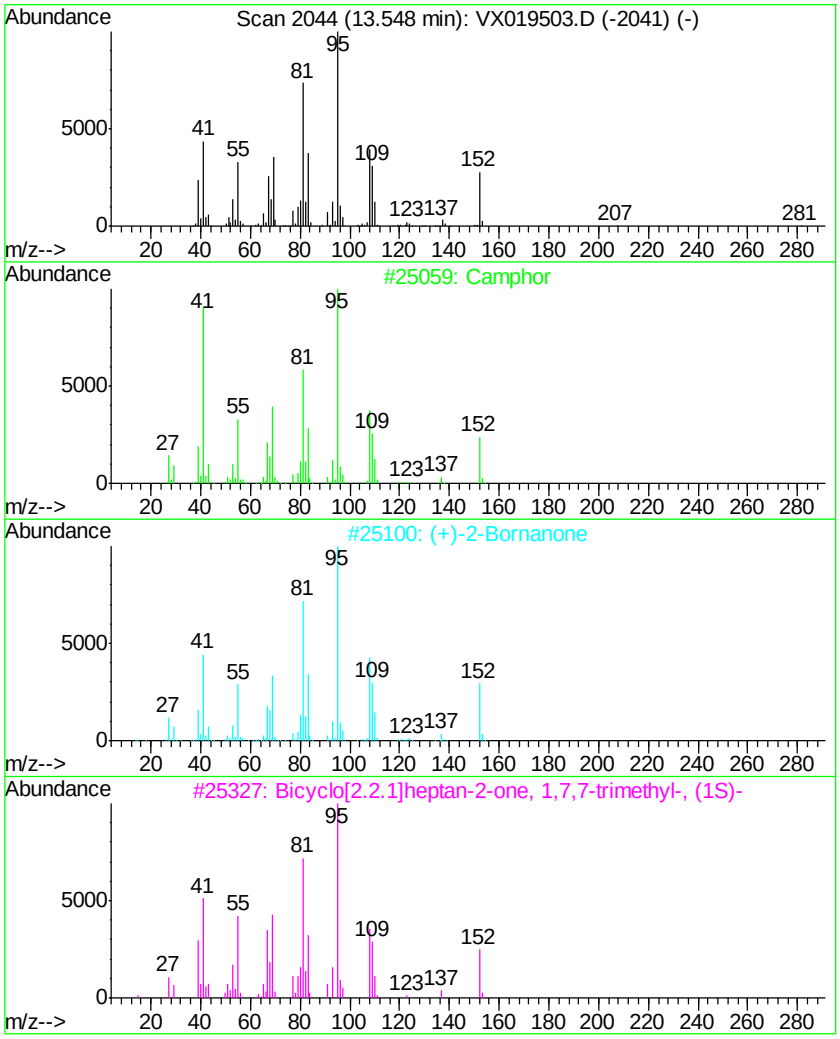
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

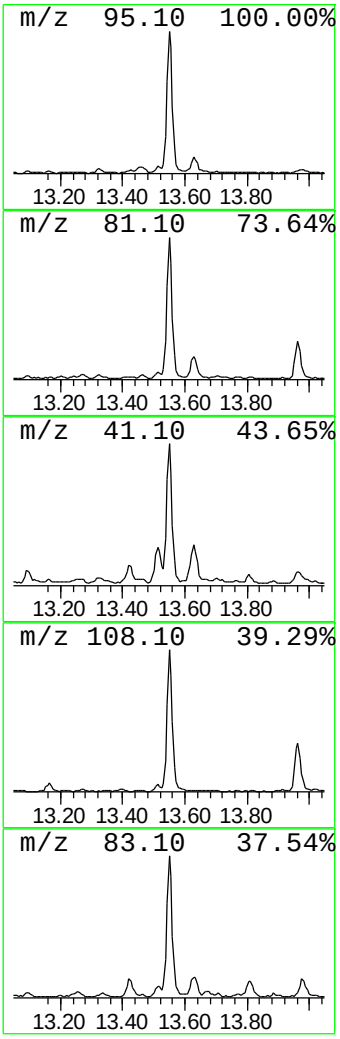
****

Peak Number 9 Camphor Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	14.28 ug/l	331749	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	98
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	46
5	2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112120\
Data File : VX019503.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 201118060-02-VOA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl ether	1.27	15.2	ug/l	242917	1	5.63	799230	50.0
Ethanamine, N,N-d...	2.48	7.2	ug/l	115422	1	5.63	799230	50.0
Amylene hydrate	6.33	5.8	ug/l	116592	2	6.83	1014480	50.0
Benzeneethanamine...	12.80	8.1	ug/l	187935	4	12.06	1161270	50.0
Bicyclo[2.2.1]hep...	12.94	8.3	ug/l	193109	4	12.06	1161270	50.0
Bicyclo[2.2.1]hep...	13.51	5.4	ug/l	124428	4	12.06	1161270	50.0
Camphor	13.55	14.3	ug/l	331749	4	12.06	1161270	50.0