LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018695.D
Acq On : 30 Sep 2020 13:22
Operator : JC/SP
Sample : L4135-01DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

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_X\METHOD\SOMXTR092820WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.386	46	49	54	rVB	67906	68226	2.04%	0.412%
2	1.697	95	100	109	rBV	65286	95899	2.87%	0.579%
3	2.166	172	177	186	rVB	119922	181969	5.44%	1.098%
4	2.343	200	206	214	rBV	146984	226604	6.77%	1.368%
5	3.824	437	449	464	rBV2	527070	1382789	41.33%	8.347%
6	4.379	528	540	549	rBV3	29174	88918	2.66%	0.537%
7	4.550	557	568	580	rBV	69228	256122	7.66%	1.546%
8	5.141	651	665	677	rBV3	112642	382163	11.42%	2.307%
9	6.044	801	813	818	rBV2	227260	665542	19.89%	4.017%
10	6.117	818	825	836	rVB	890812	2281157	68.18%	13.770%
11	6.830	930	942	956	rBV2	210578	524888	15.69%	3.168%
12	7.373	1020	1031	1039	rBV	144025	324104	9.69%	1.956%
13	8.372	1187	1195	1208	rBV	86192	152633	4.56%	0.921%
14	8.696	1241	1248	1254	rBV	339534	531935	15.90%	3.211%
15	8.763	1254	1259	1269	rVB	1073006	1649013	49.29%	9.954%
16	8.994	1291	1297	1305	rBV	63177	100729	3.01%	0.608%
17	9.427	1362	1368	1375	rBV	462828	646510	19.32%	3.903%
18	10.122	1464	1482	1489	rBV2	2041213	3345554	100.00%	20.195%
19	10.238	1496	1501	1505	rBV	75838	101228	3.03%	0.611%
20	10.342	1512	1518	1526	rVB	41772	61273	1.83%	0.370%
21	10.683	1569	1574	1581	rVB	72664	107585	3.22%	0.649%
22	11.006	1621	1627	1632	rBV	118103	166475	4.98%	1.005%
23	11.232	1659	1664	1669	rVB	157737	194679	5.82%	1.175%
24	11.341	1674	1682	1688	rBV	137791	196484	5.87%	1.186%
25	11.402	1688	1692	1695	rVV	32154	39937	1.19%	0.241%
26	11.445	1695	1699	1704	rVB2	66714	85511	2.56%	0.516%
27	11.652	1728	1733	1738	rBV	134051	165594	4.95%	1.000%
28	11.927	1774	1778	1786	rVB4	42000	64044	1.91%	0.387%
29	12.061	1795	1800	1807	rVV2	486496	719874	21.52%	4.345%
30	12.122	1807	1810	1816	rVB	64375	84198	2.52%	0.508%
31	12.219	1822	1826	1830	rBV	27398	37459	1.12%	0.226%
32	12.286	1831	1837	1842	rVV	171575	234642	7.01%	1.416%
33	12.360	1844	1849	1857	rVB	437762	596289	17.82%	3.599%
34	12.652	1893	1897	1906	rVV	26912	42930	1.28%	0.259%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018695.D
Acq On : 30 Sep 2020 13:22
Operator : JC/SP
Sample : L4135-01DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

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_X\METHOD\SOMXTR092820WMA.M
Title : TRACE VOA SOM01.0

35	12.872	1928	1933	1940	rBV	294552	365861	10.94%	2.208%
36	13.329	2004	2008	2013	rVB5	24033	37107	1.11%	0.224%
37	16.152	2464	2471	2478	rBV2	209028	360556	10.78%	2.176%

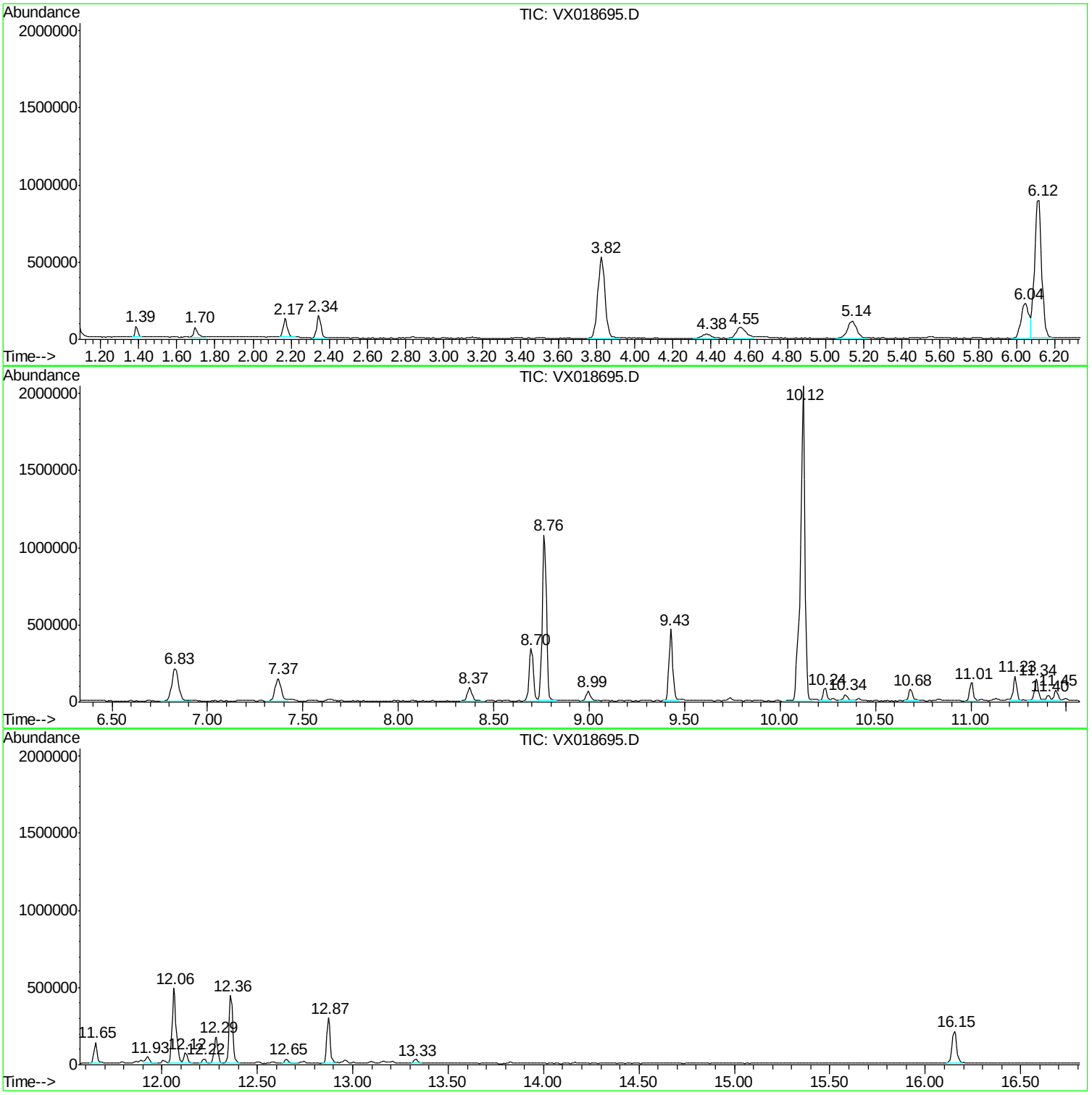
Sum of corrected areas: 16566481

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018695.D
Acq On : 30 Sep 2020 13:22
Operator : JC/SP
Sample : L4135-01DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG0Q5DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018695.D
Acq On : 30 Sep 2020 13:22
Operator : JC/SP
Sample : L4135-01DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

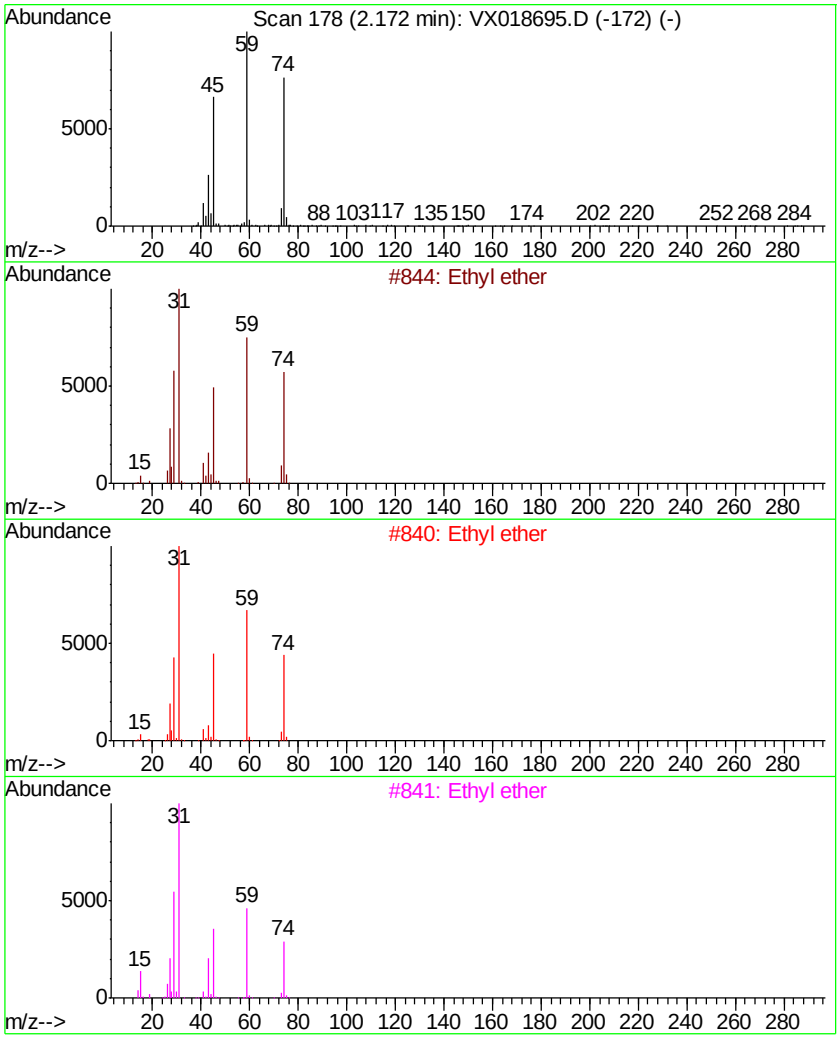
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

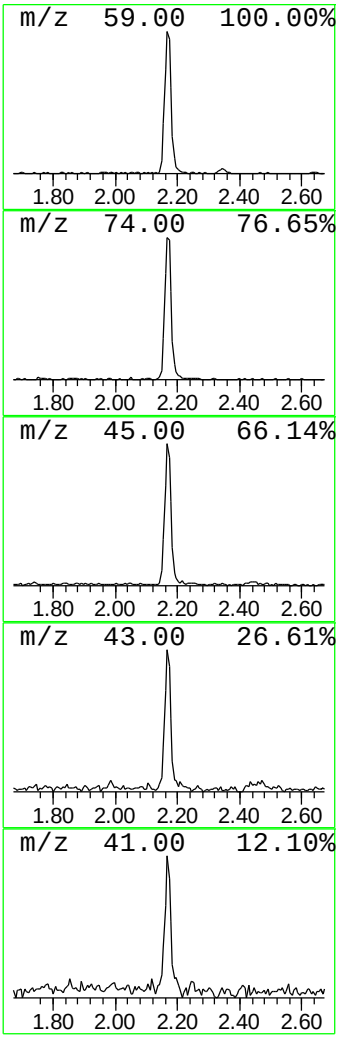
****

Peak Number 1 Ethyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	1.73 ug/L	181969	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	91
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	90
4	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	74
5	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018695.D
Acq On : 30 Sep 2020 13:22
Operator : JC/SP
Sample : L4135-01DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

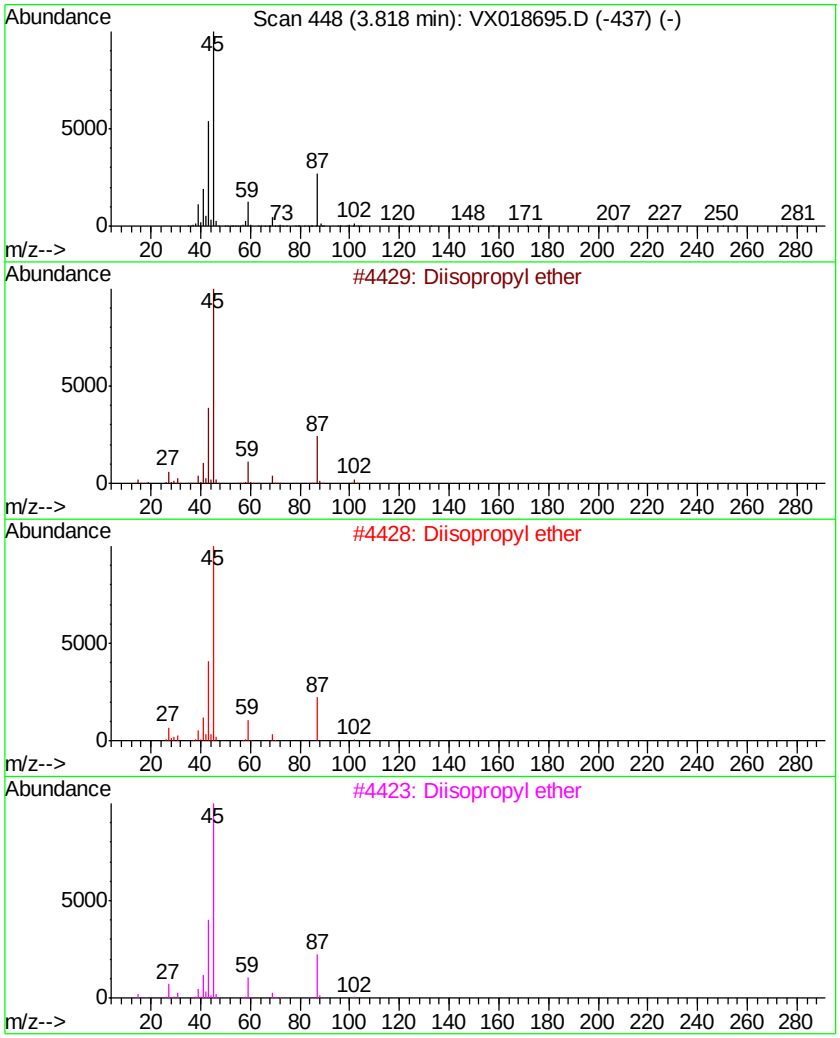
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

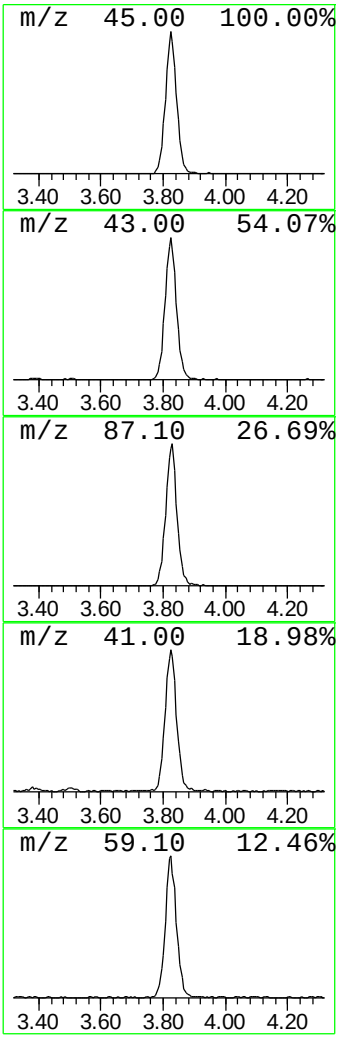
****

Peak Number 2 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	13.17 ug/L	1382790	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	86
2	Diisopropyl ether	102	C6H14O	000108-20-3	83
3	Diisopropyl ether	102	C6H14O	000108-20-3	74
4	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	64
5	Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018695.D
Acq On : 30 Sep 2020 13:22
Operator : JC/SP
Sample : L4135-01DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

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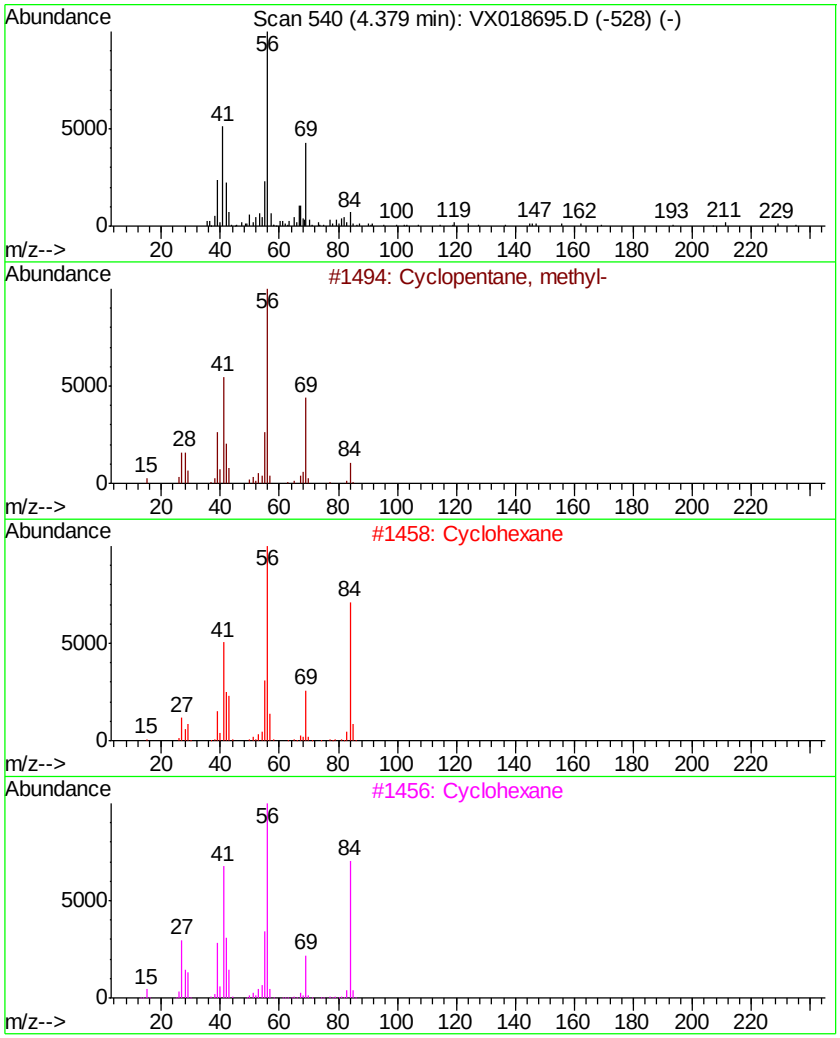
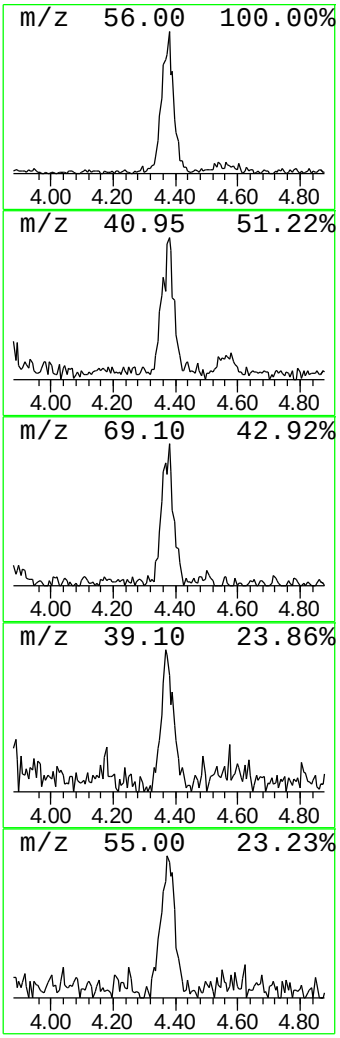
Peak Number 3 (DEL) Alkane: Cyclic4.38 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	0.85 ug/L	88918	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
2	Cyclohexane	84	C6H12	000110-82-7	64
3	Cyclohexane	84	C6H12	000110-82-7	59
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018695.D
Acq On : 30 Sep 2020 13:22
Operator : JC/SP
Sample : L4135-01DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

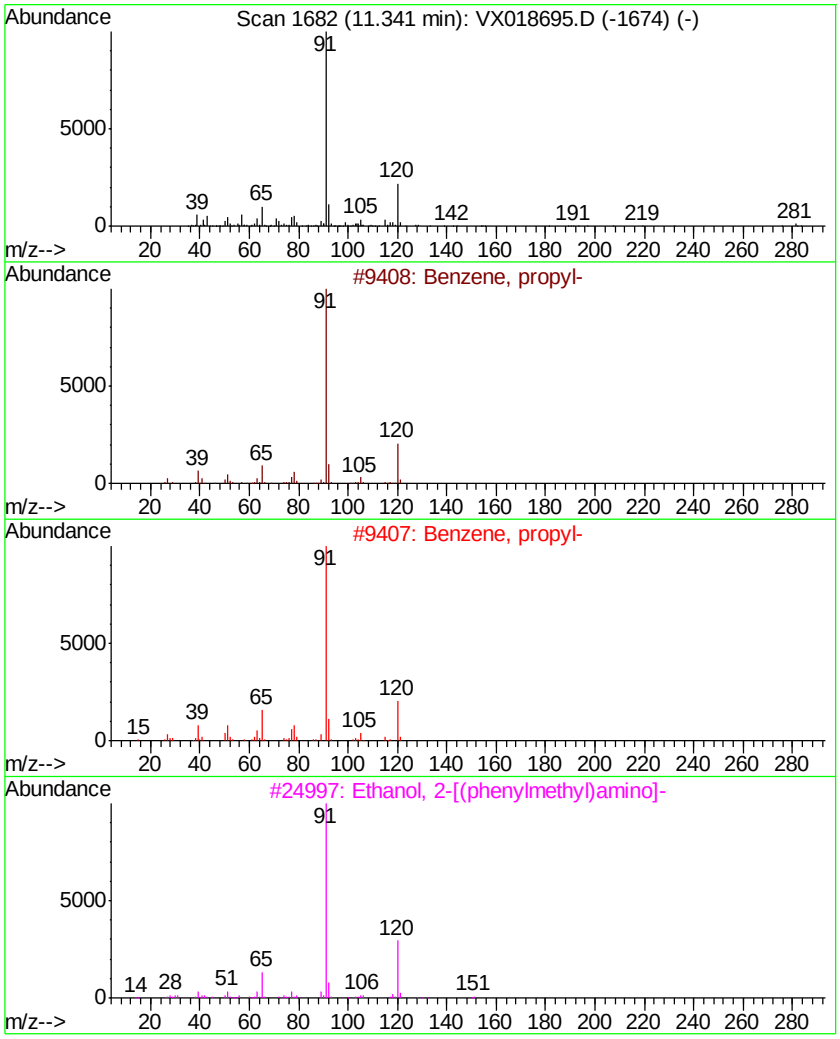
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

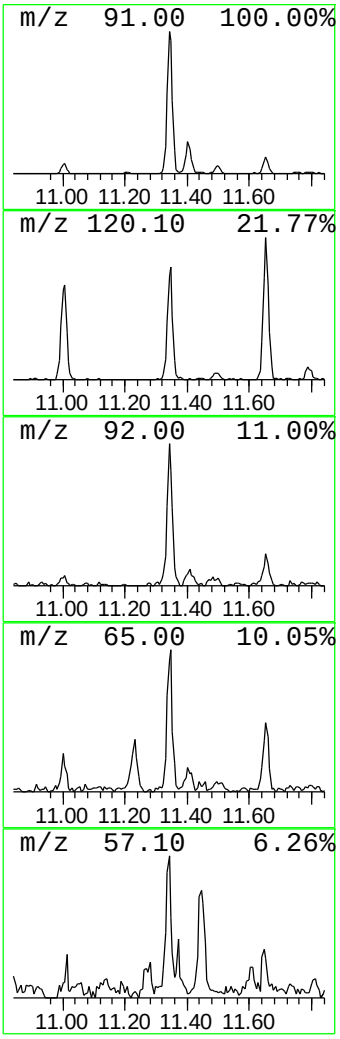
****

Peak Number 5 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	1.36 ug/L	196484	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	78
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	78
5	Benzene, propyl-	120	C9H12	000103-65-1	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018695.D
Acq On : 30 Sep 2020 13:22
Operator : JC/SP
Sample : L4135-01DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

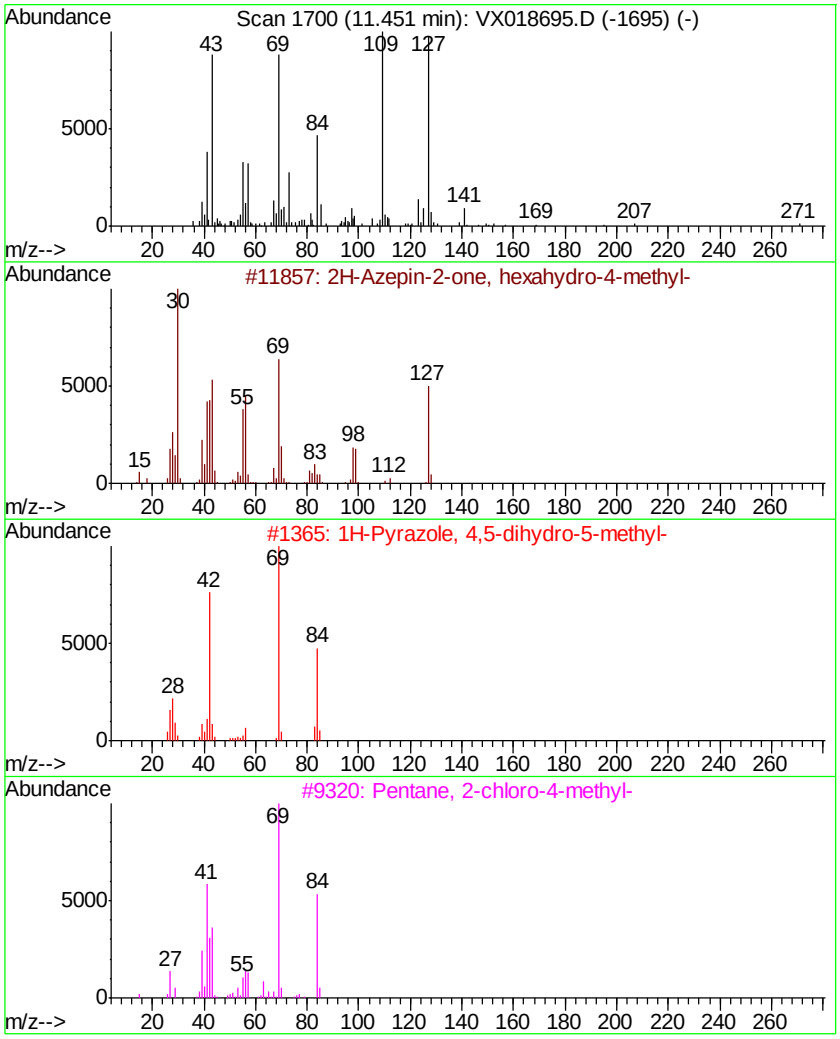
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

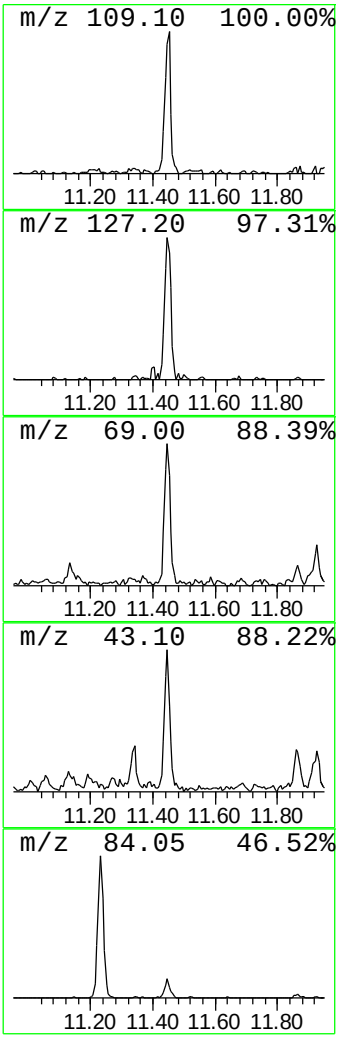
****

Peak Number 6 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	0.59 ug/L	85511	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Azepin-2-one, hexahydro-4-met...	127	C7H13NO	003623-05-0	43
2	1H-Pyrazole, 4,5-dihydro-5-methyl-	84	C4H8N2	001568-20-3	38
3	Pentane, 2-chloro-4-methyl-	120	C6H13Cl	025346-32-1	38
4	2(1H)-Pyrimidinethione, 4-amino-	127	C4H5N3S	000333-49-3	38
5	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	25





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018695.D
Acq On : 30 Sep 2020 13:22
Operator : JC/SP
Sample : L4135-01DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

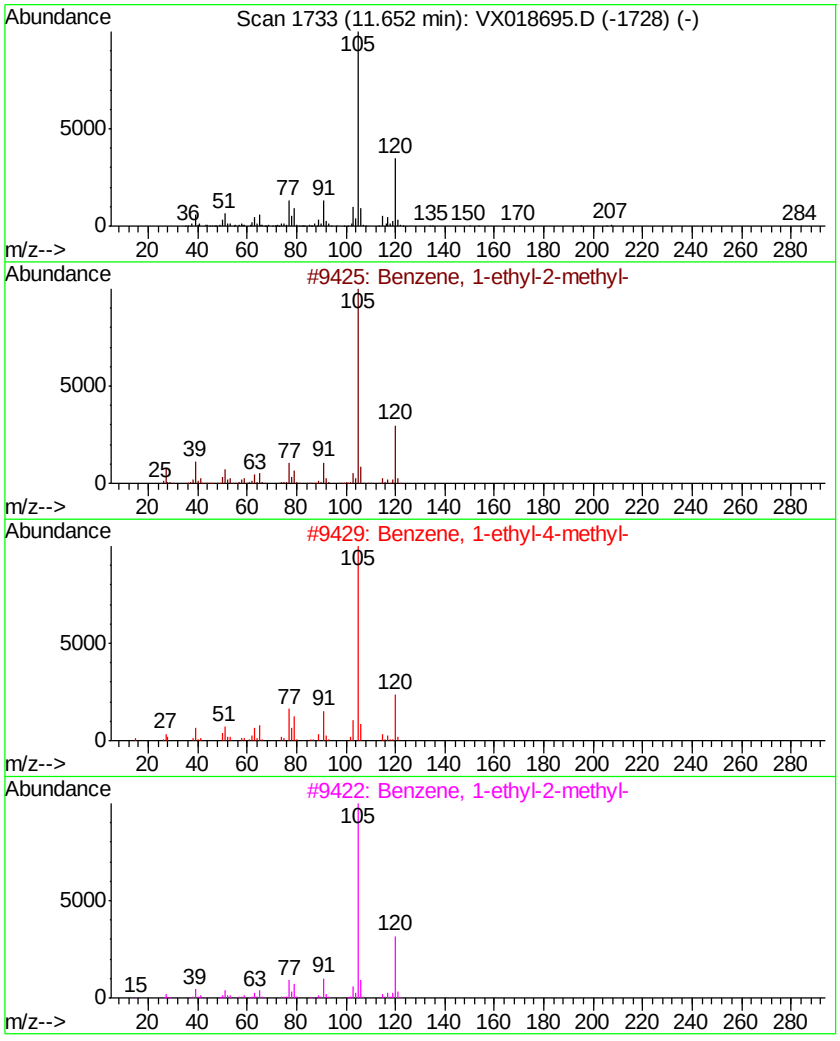
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

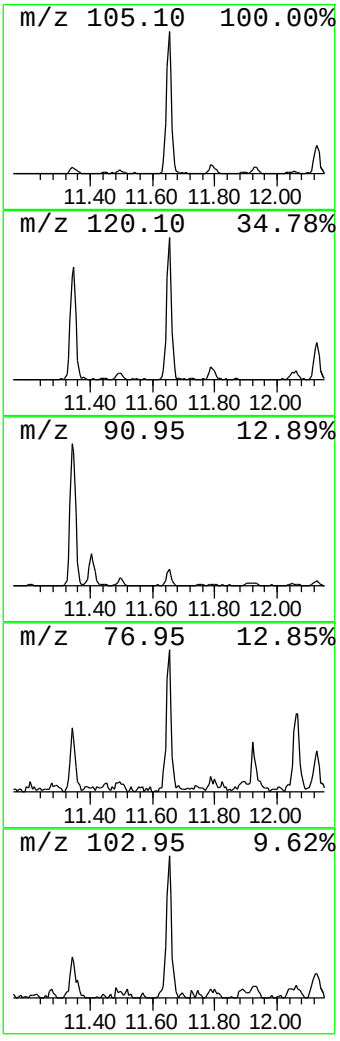
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	1.15 ug/L	165594	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018695.D
Acq On : 30 Sep 2020 13:22
Operator : JC/SP
Sample : L4135-01DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

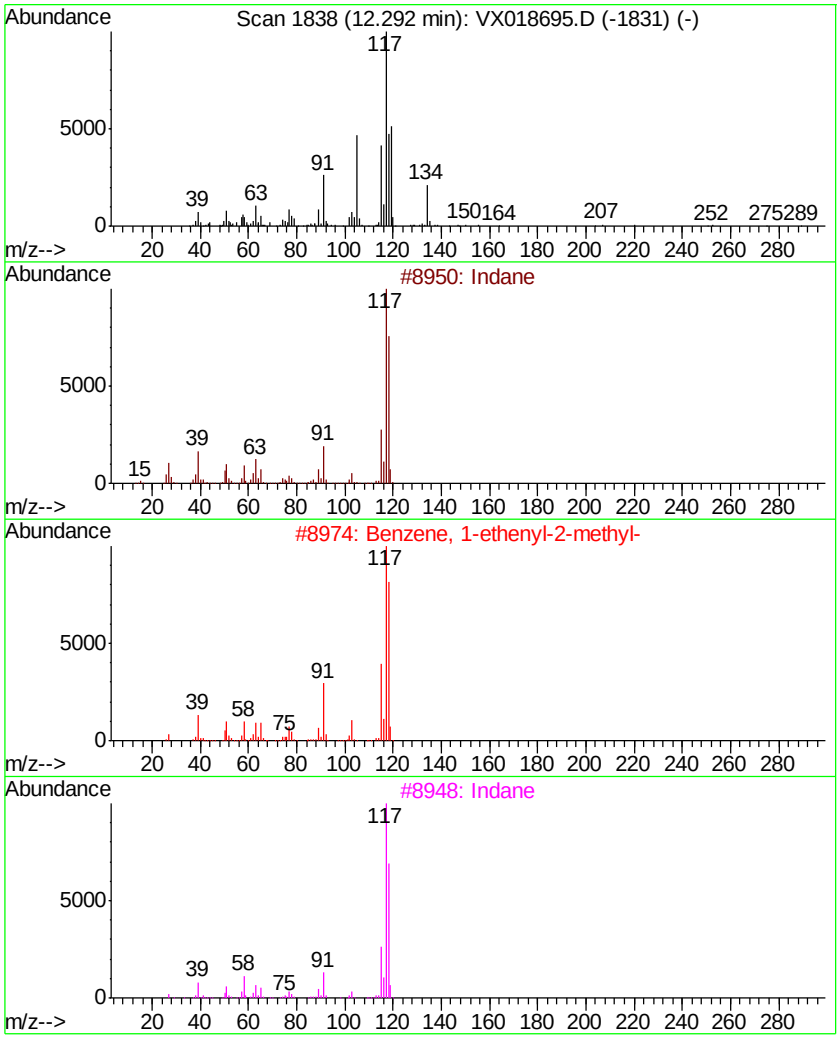
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

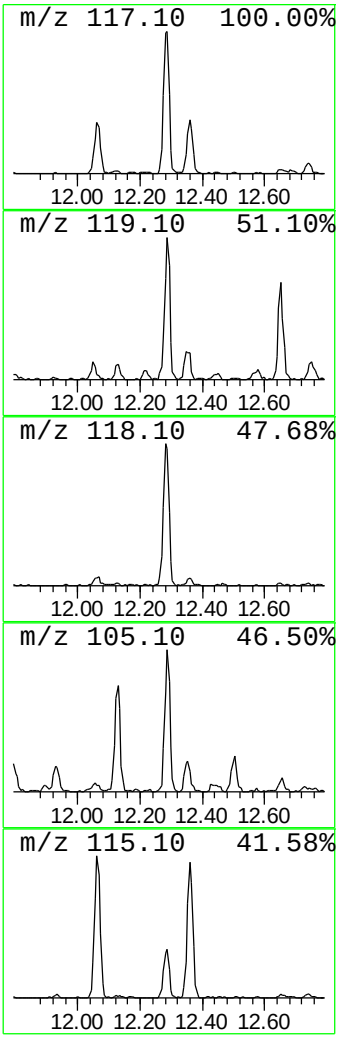
****

Peak Number 8 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	1.63 ug/L	234642	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
3	Indane	118	C9H10	000496-11-7	60
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55
5	Deltacyclene	118	C9H10	007785-10-6	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018695.D
Acq On : 30 Sep 2020 13:22
Operator : JC/SP
Sample : L4135-01DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

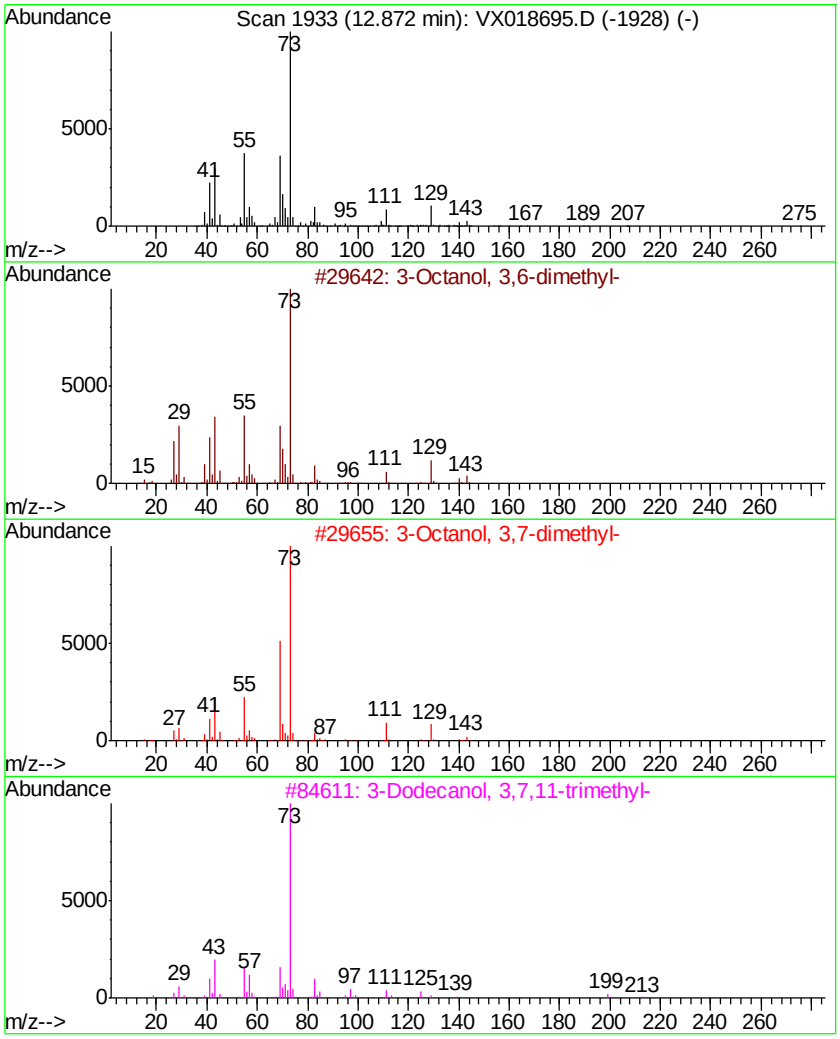
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

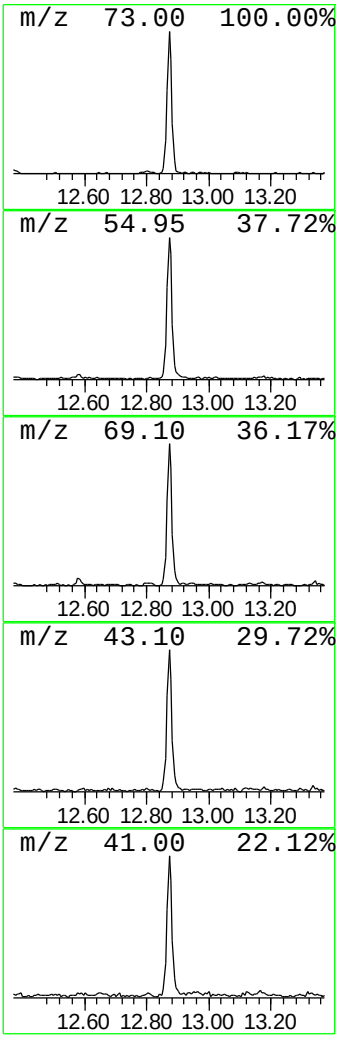
****

Peak Number 9 3-Octanol, 3,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.54 ug/L	365861	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	90
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	72
3	3-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	007278-65-1	40
4	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	40
5	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	37





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018695.D
Acq On : 30 Sep 2020 13:22
Operator : JC/SP
Sample : L4135-01DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

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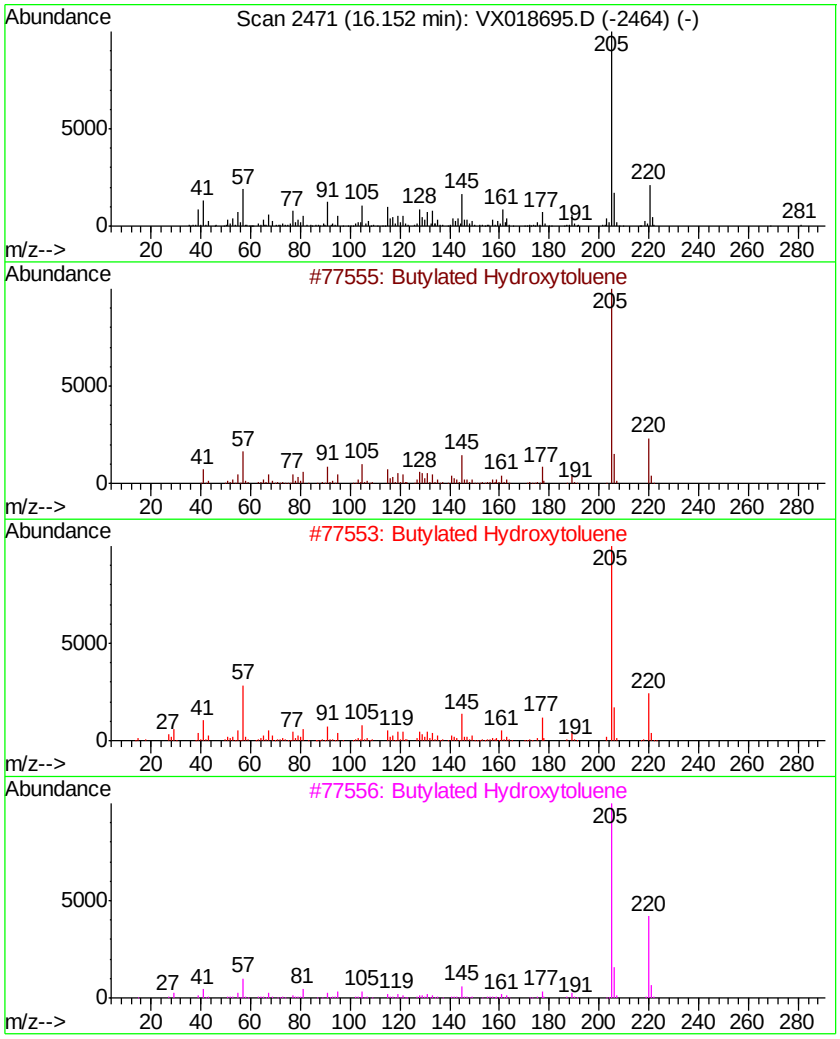
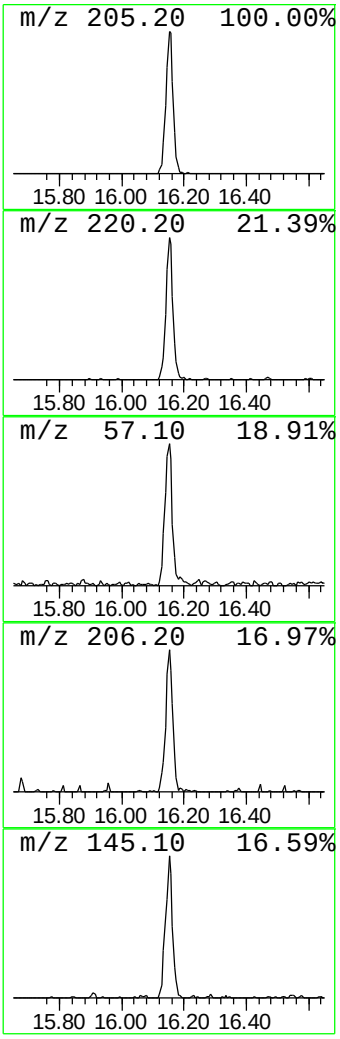
Peak Number 10 Butylated Hydroxytoluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.50 ug/L	360556	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	95
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	93
5	Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018695.D
Acq On : 30 Sep 2020 13:22
Operator : JC/SP
Sample : L4135-01DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethyl ether	2.17	1.7	ug/L	181969	1	6.83	524888	5.0
Diisopropyl ether	3.82	13.2	ug/L	1382790	1	6.83	524888	5.0
(DEL) Alkane: Cyc...	4.38	0.8	ug/L	88918	1	6.83	524888	5.0
Benzene, propyl-	11.34	1.4	ug/L	196484	3	12.06	719874	5.0
unknown-01	11.45	0.6	ug/L	85511	3	12.06	719874	5.0
Benzene, 1-ethyl-...	11.65	1.1	ug/L	165594	3	12.06	719874	5.0
Indane	12.29	1.6	ug/L	234642	3	12.06	719874	5.0
3-Octanol, 3,6-di...	12.87	2.5	ug/L	365861	3	12.06	719874	5.0
Butylated Hydroxy...	16.15	2.5	ug/L	360556	3	12.06	719874	5.0