LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
Data File : VX016385.D
Acq On : 21 May 2020 15:49
Operator : JC/SP
Sample : L2684-03 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

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\82X050420W.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	1.392	46	50	55	rBV	106179	97602	2.24%	0.296%
2	1.746	102	108	118	rVB	437980	594154	13.63%	1.800%
3	1.965	139	144	154	rVB	255152	355850	8.16%	1.078%
4	2.233	184	188	201	rVB	29996	55921	1.28%	0.169%
5	2.812	278	283	286	rBV	34335	66452	1.52%	0.201%
6	2.861	286	291	296	rVV	80063	138317	3.17%	0.419%
7	3.142	328	337	350	rBV	86558	194383	4.46%	0.589%
8	3.367	364	374	385	rBV	33320	77943	1.79%	0.236%
9	3.495	385	395	409	rVB	53224	122737	2.82%	0.372%
10	3.635	409	418	424	rBV2	21054	55079	1.26%	0.167%
11	3.715	424	431	436	rBV2	19573	47454	1.09%	0.144%
12	3.788	436	443	452	rVB	71224	171978	3.94%	0.521%
13	3.898	452	461	467	rBV	40693	108811	2.50%	0.330%
14	4.007	474	479	493	rVB3	18202	58554	1.34%	0.177%
15	4.166	493	505	514	rBV	57939	153266	3.52%	0.464%
16	4.367	527	538	550	rBV	137895	391305	8.97%	1.185%
17	4.495	550	559	569	rVB3	18218	53806	1.23%	0.163%
18	5.269	676	686	699	rVB3	33557	110208	2.53%	0.334%
19	5.464	701	718	726	rBV2	128641	390182	8.95%	1.182%
20	5.544	726	731	737	rVV2	59247	174641	4.01%	0.529%
21	5.629	737	745	774	rVB	222434	717250	16.45%	2.173%
22	6.031	801	811	825	rBV	135113	350600	8.04%	1.062%
23	6.233	825	844	854	rBV6	10892	56072	1.29%	0.170%
24	6.428	868	876	888	rVB3	19734	55723	1.28%	0.169%
25	6.830	933	942	951	rBV	349166	880986	20.21%	2.669%
26	7.232	998	1008	1018	rBV2	43383	101882	2.34%	0.309%
27	7.440	1030	1042	1054	rBV3	56652	151458	3.47%	0.459%
28	8.190	1153	1165	1171	rBV	80567	156459	3.59%	0.474%
29	8.555	1218	1225	1234	rVB2	59211	105637	2.42%	0.320%
30	8.696	1241	1248	1255	rBV	757721	1148631	26.34%	3.480%
31	10.098	1467	1478	1484	rBV	786290	1054115	24.18%	3.193%
32	10.238	1495	1501	1506	rBV	897994	1174309	26.93%	3.558%
33	10.342	1512	1518	1532	rVB	2744232	3567338	81.82%	10.807%
34	10.683	1568	1574	1582	rVB	467480	585961	13.44%	1.775%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
Data File : VX016385.D
Acq On : 21 May 2020 15:49
Operator : JC/SP
Sample : L2684-03 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

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\82X050420W.M
Title : SW846 8260

35	11.000	1620	1626	1636	rBV	258787	341838	7.84%	1.036%
36	11.122	1641	1646	1652	rVV	727215	889442	20.40%	2.695%
37	11.347	1674	1683	1689	rBV	749806	937116	21.49%	2.839%
38	11.421	1689	1695	1702	rVV	1654968	3138996	71.99%	9.510%
39	11.494	1702	1707	1713	rVB	794632	969078	22.23%	2.936%
40	11.652	1727	1733	1742	rBV	1243746	1501919	34.45%	4.550%
41	11.793	1750	1756	1761	rBV	3678312	4360063	100.00%	13.209%
42	11.933	1776	1779	1784	rVB	42797	52152	1.20%	0.158%
43	12.012	1784	1792	1795	rBV	53782	66520	1.53%	0.202%
44	12.061	1795	1800	1806	rVB	964368	1196077	27.43%	3.624%
45	12.128	1806	1811	1816	rBV	951664	1108844	25.43%	3.359%
46	12.286	1831	1837	1844	rBV	812777	1131921	25.96%	3.429%
47	12.353	1844	1848	1858	rVB3	214594	329667	7.56%	0.999%
48	12.445	1858	1863	1868	rBV2	58079	71616	1.64%	0.217%
49	12.500	1868	1872	1878	rVB	72495	91540	2.10%	0.277%
50	12.573	1878	1884	1886	rBV	173549	239925	5.50%	0.727%
51	12.591	1886	1887	1892	rVB	127354	126087	2.89%	0.382%
52	12.652	1892	1897	1900	rBV	325909	385333	8.84%	1.167%
53	12.683	1900	1902	1907	rVV	96914	112164	2.57%	0.340%
54	12.737	1907	1911	1918	rVV2	345254	476954	10.94%	1.445%
55	12.890	1930	1936	1941	rVB	78313	97613	2.24%	0.296%
56	12.963	1941	1948	1951	rVV	185899	225748	5.18%	0.684%
57	13.000	1951	1954	1959	rVB	186761	216356	4.96%	0.655%
58	13.207	1984	1988	1998	rVB	248430	306227	7.02%	0.928%
59	13.335	2004	2009	2014	rVB2	503156	675139	15.48%	2.045%
60	13.463	2025	2030	2036	rVB	86285	107699	2.47%	0.326%
61	13.817	2082	2088	2094	rBV	271753	327303	7.51%	0.992%

Sum of corrected areas: 33008401

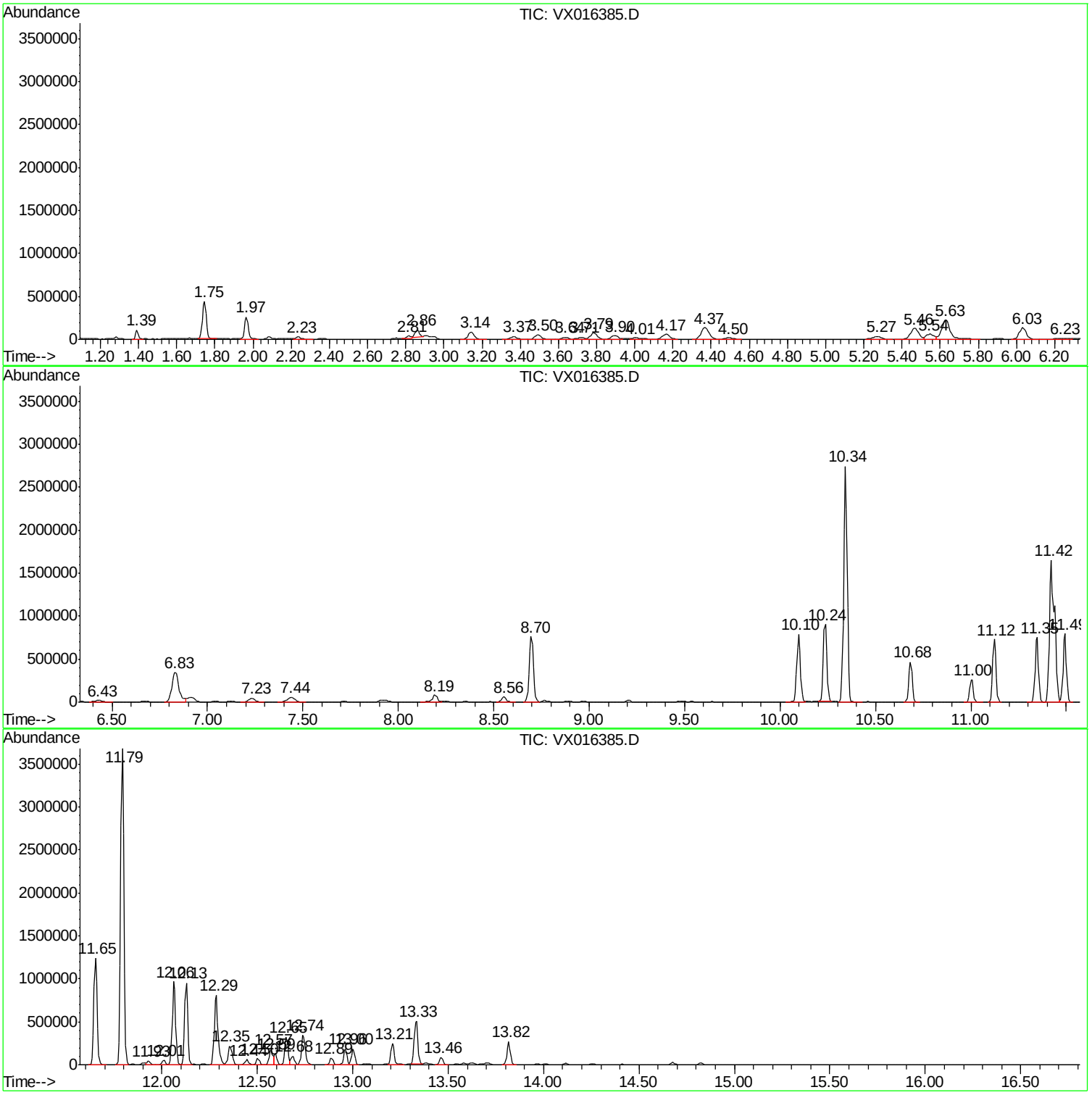
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052120\
Data File : VX016385.D
Acq On : 21 May 2020 15:49
Operator : JC/SP
Sample : L2684-03 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.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\VX052120\
Data File : VX016385.D
Acq On : 21 May 2020 15:49
Operator : JC/SP
Sample : L2684-03 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260

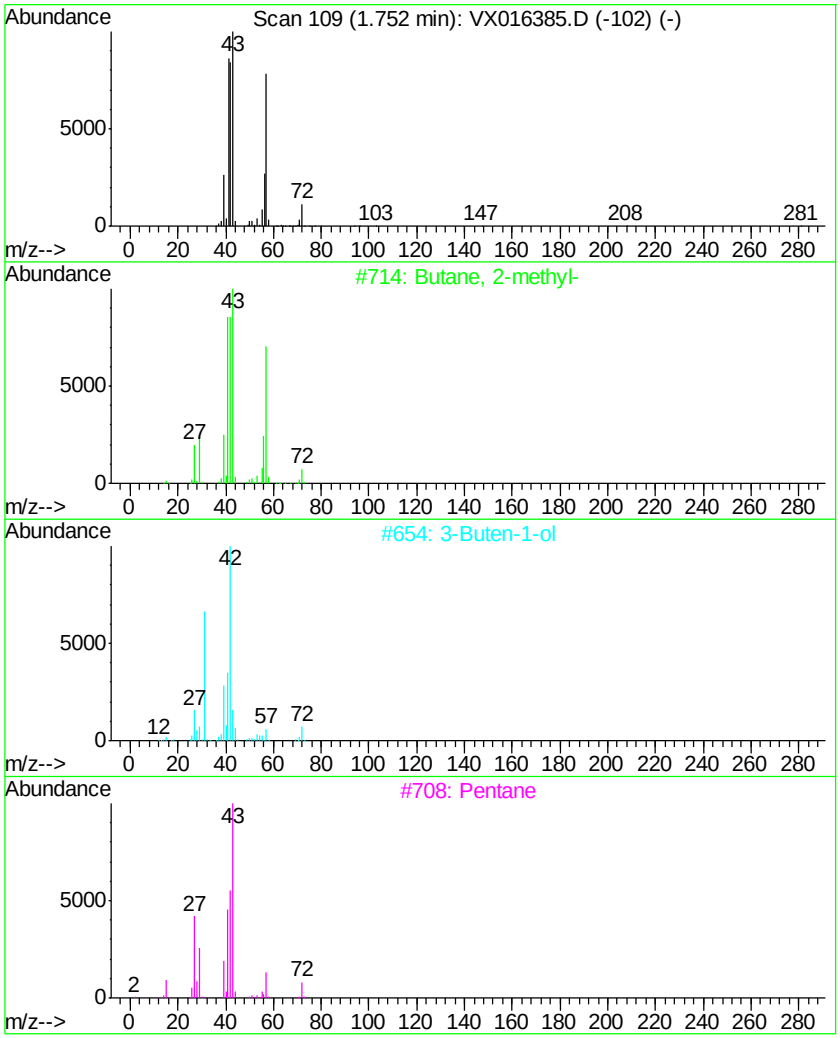
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

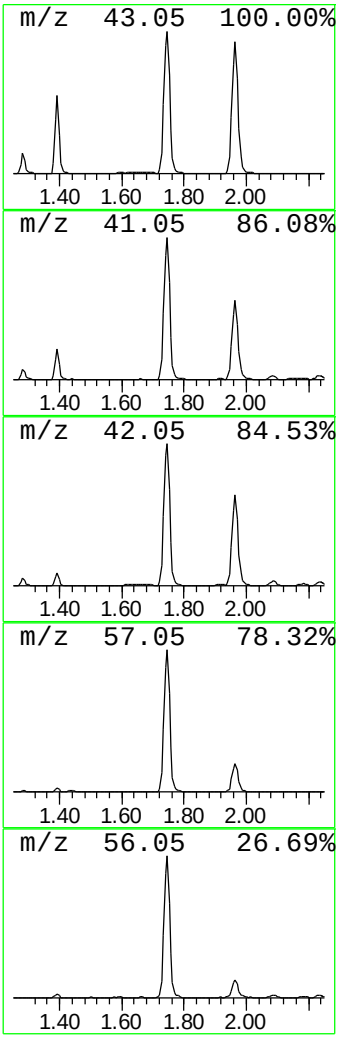
****

Peak Number 1 Butane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.75	41.42 ug/l	594154	Pentafluorobenzene	5.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	36
4	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	10
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
Data File : VX016385.D
Acq On : 21 May 2020 15:49
Operator : JC/SP
Sample : L2684-03 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260

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

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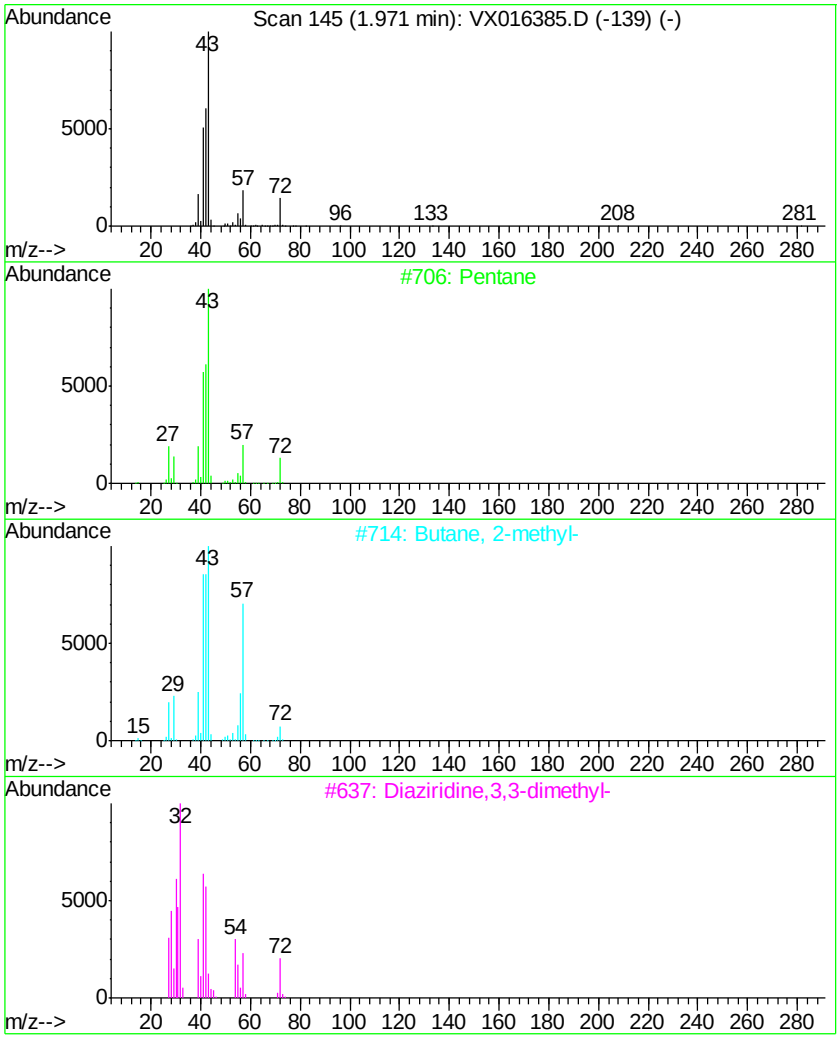
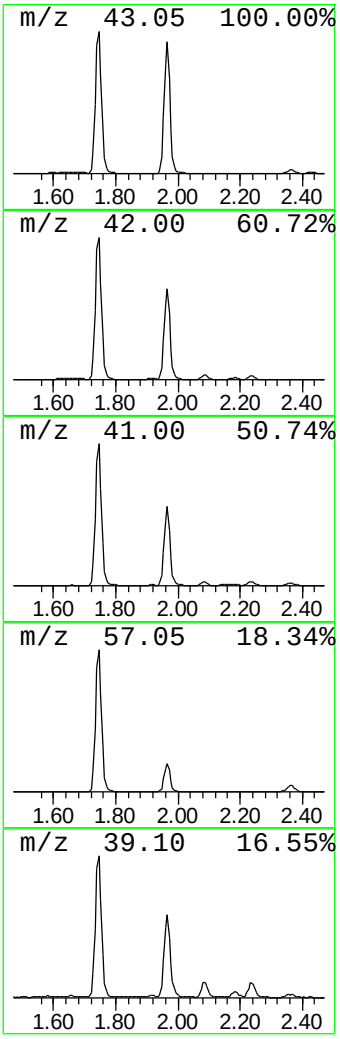
Peak Number 2 Pentane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.97	24.81 ug/l	355850	Pentafluorobenzene	5.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	42
3	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	9
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	9
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052120\
Data File : VX016385.D
Acq On : 21 May 2020 15:49
Operator : JC/SP
Sample : L2684-03 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260

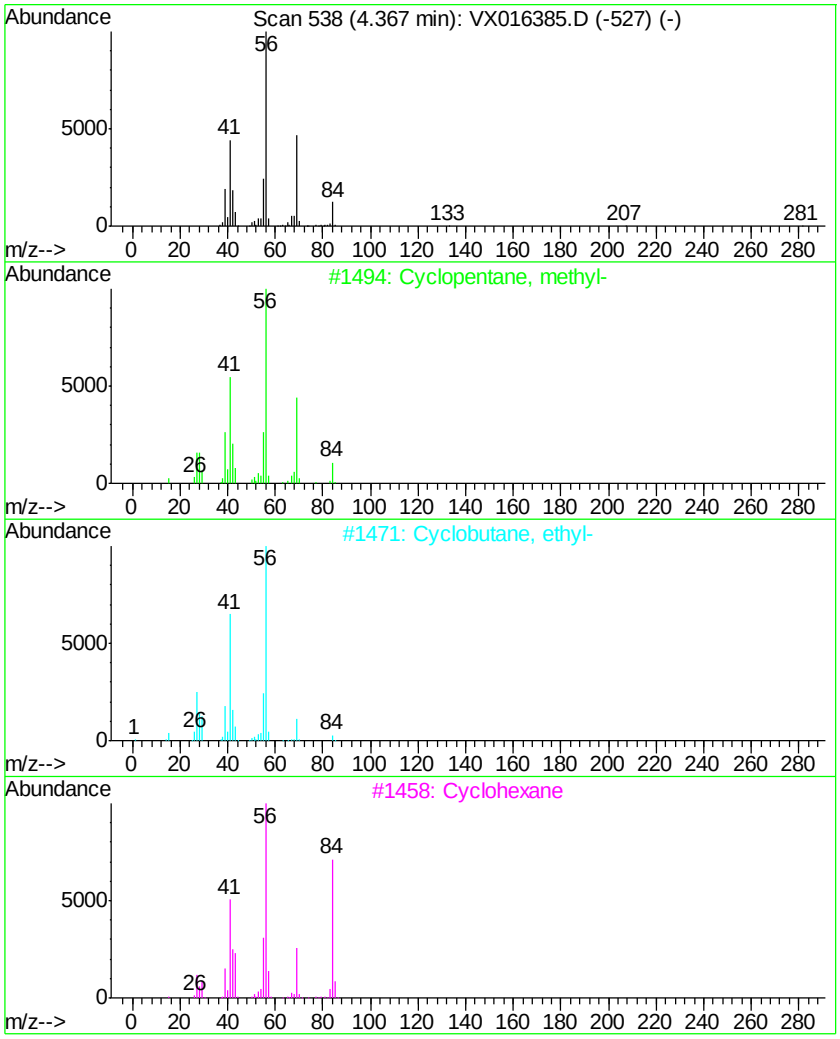
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

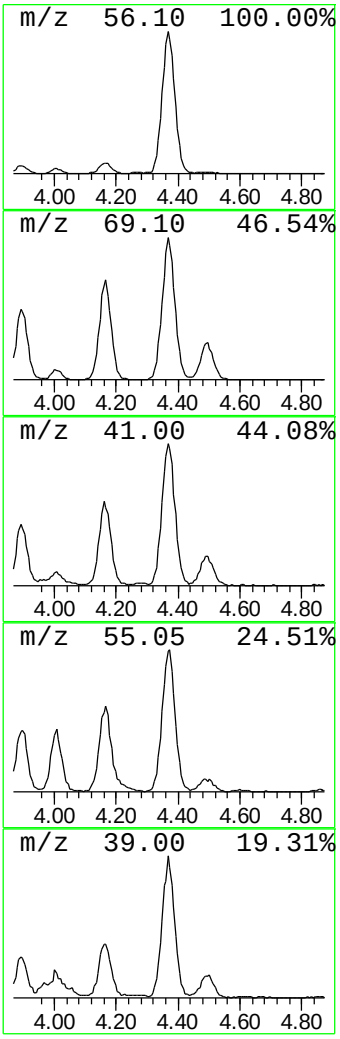
****

Peak Number 3 Cyclopentane, methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	27.28 ug/l	391305	Pentafluorobenzene	5.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	86
3	Cyclohexane	84	C6H12	000110-82-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	1-Hexene	84	C6H12	000592-41-6	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052120\
Data File : VX016385.D
Acq On : 21 May 2020 15:49
Operator : JC/SP
Sample : L2684-03 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260

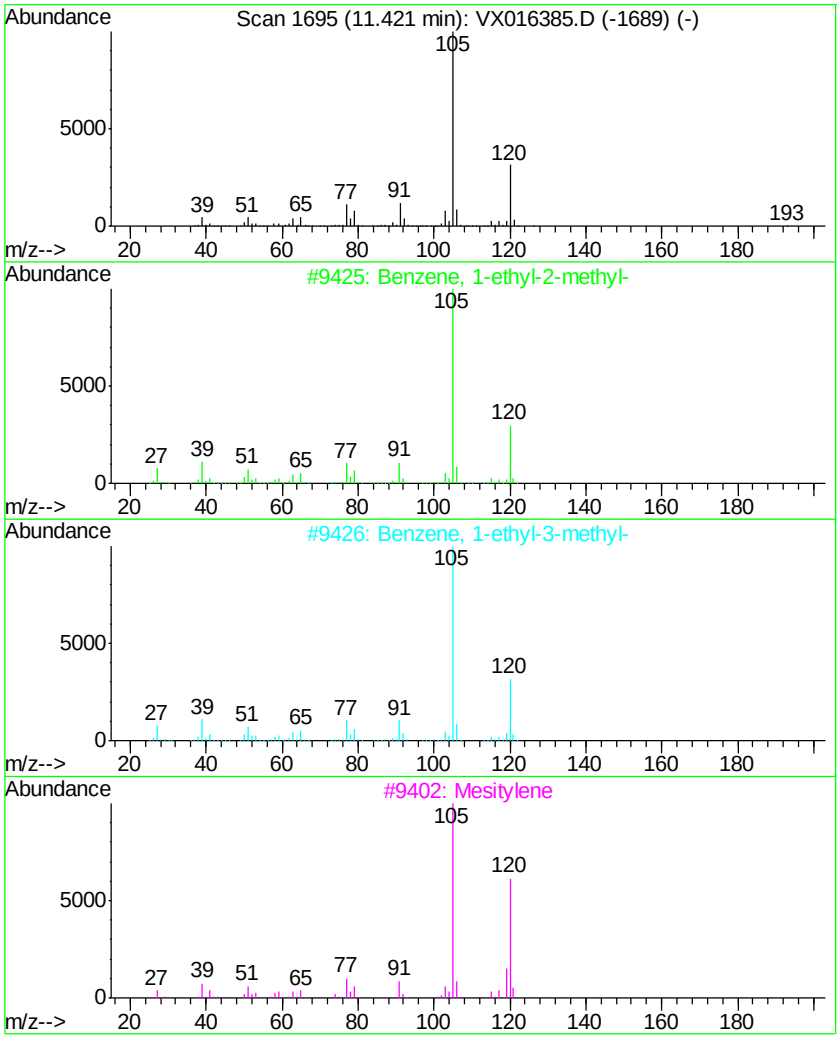
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

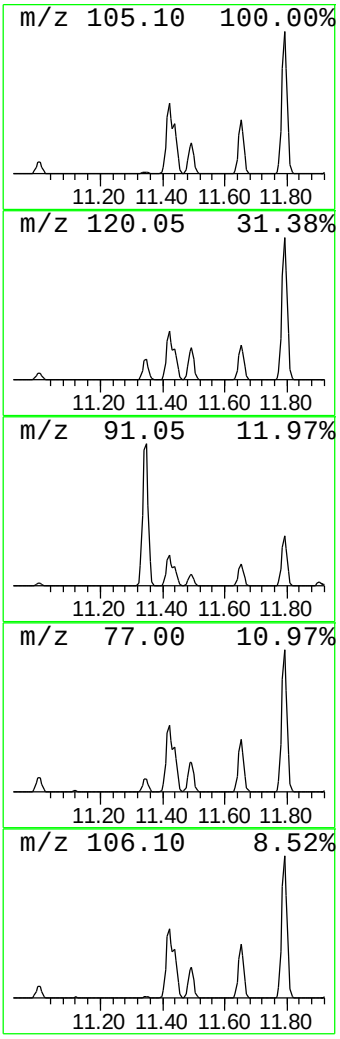
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	131.22 ug/l	3139000	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	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052120\
Data File : VX016385.D
Acq On : 21 May 2020 15:49
Operator : JC/SP
Sample : L2684-03 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260

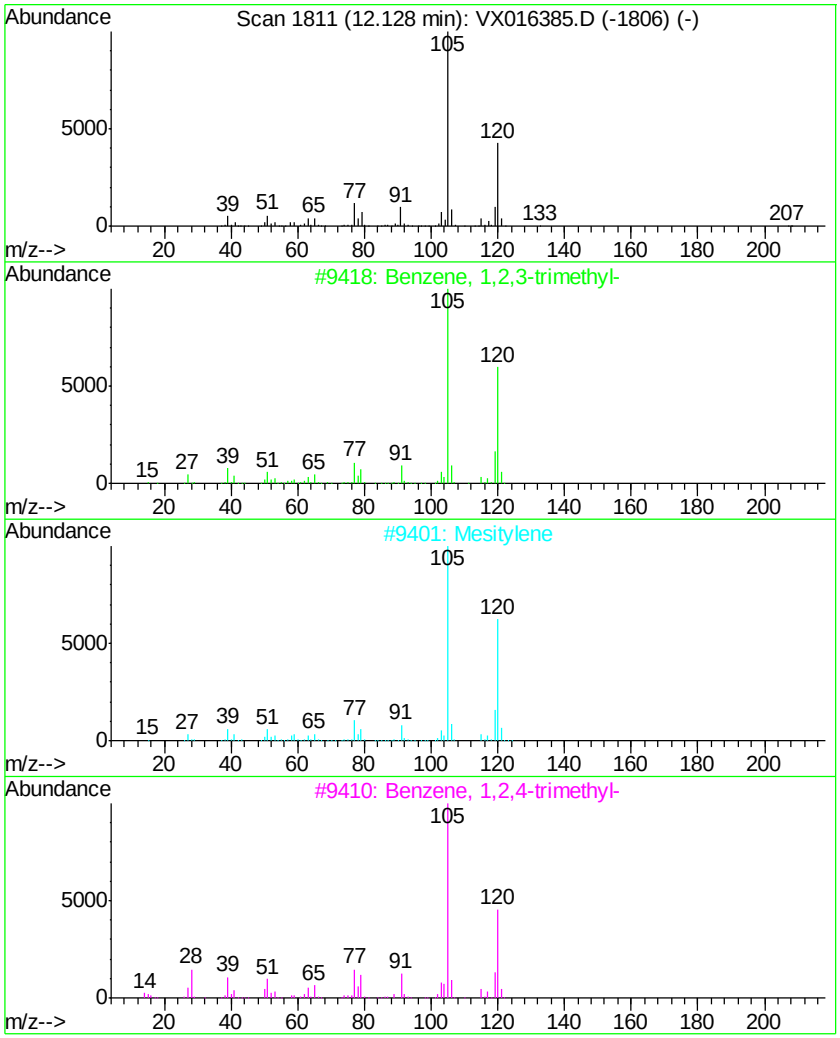
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

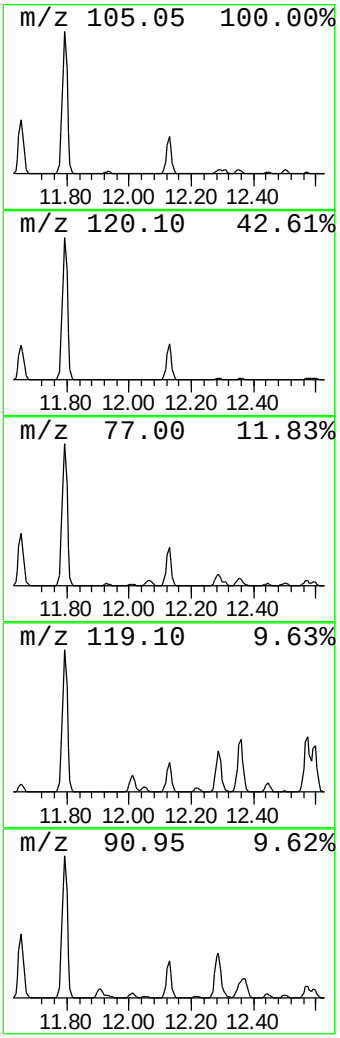
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	46.35 ug/l	1108840	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052120\
Data File : VX016385.D
Acq On : 21 May 2020 15:49
Operator : JC/SP
Sample : L2684-03 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260

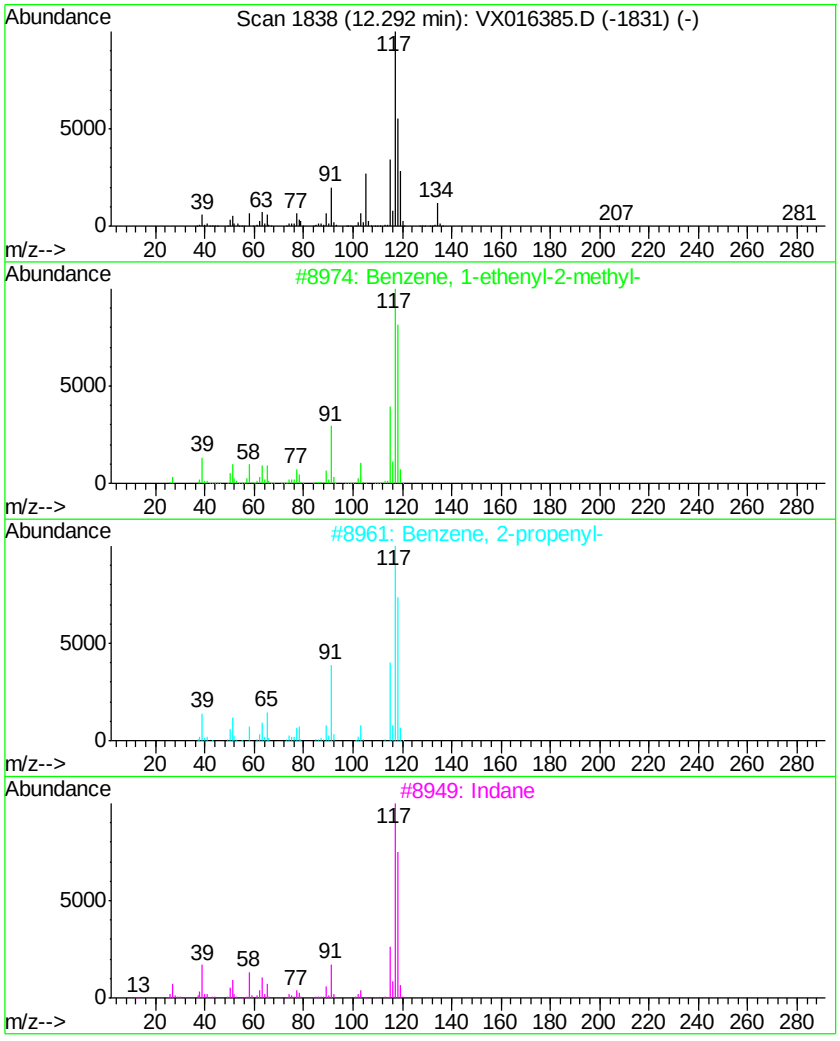
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

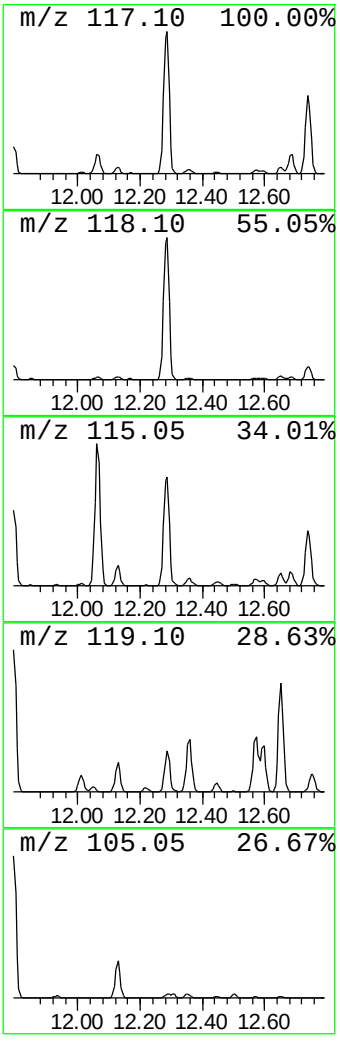
****

Peak Number 7 Benzene, 1-ethenyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	47.32 ug/l	1131920	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
3	Indane	118	C9H10	000496-11-7	76
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
5	Deltacyclene	118	C9H10	007785-10-6	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052120\
Data File : VX016385.D
Acq On : 21 May 2020 15:49
Operator : JC/SP
Sample : L2684-03 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260

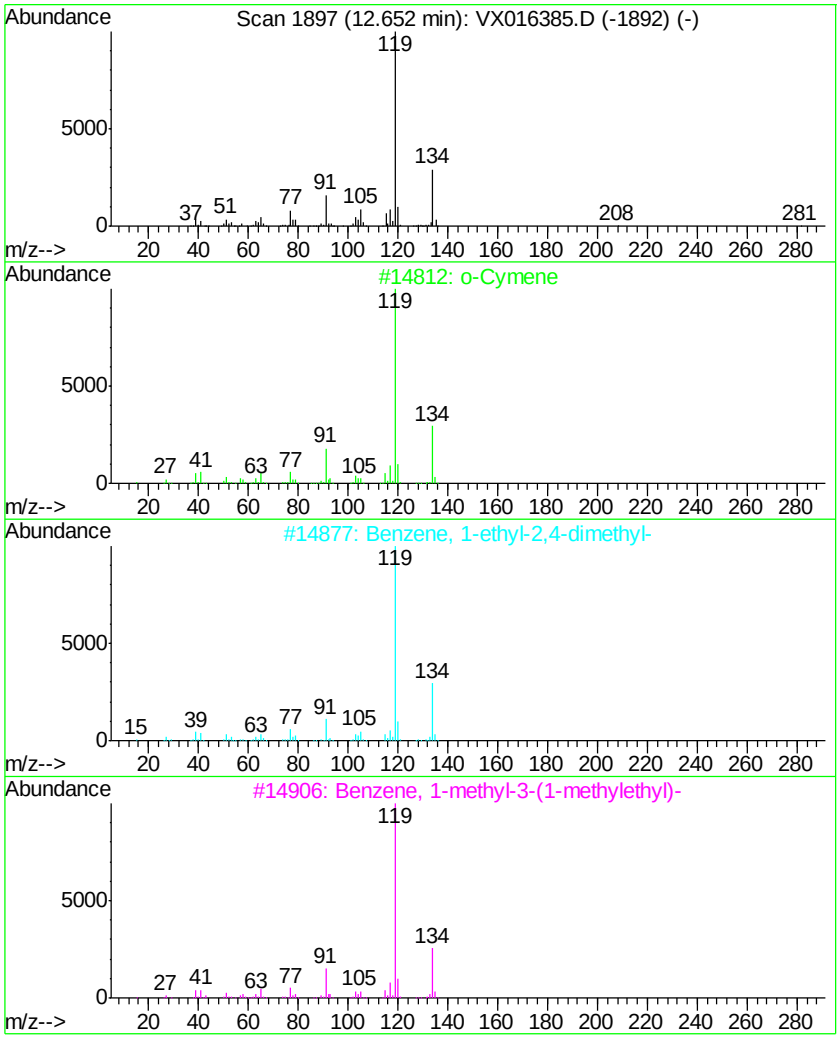
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

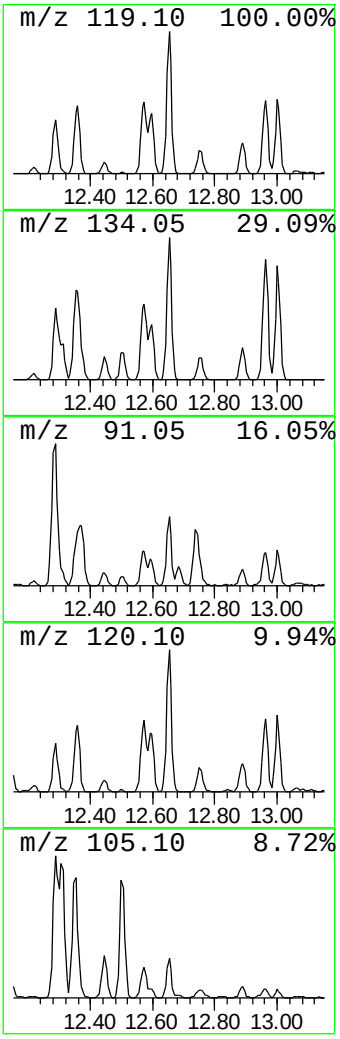
****

Peak Number 8 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	16.11 ug/l	385333	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052120\
Data File : VX016385.D
Acq On : 21 May 2020 15:49
Operator : JC/SP
Sample : L2684-03 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260

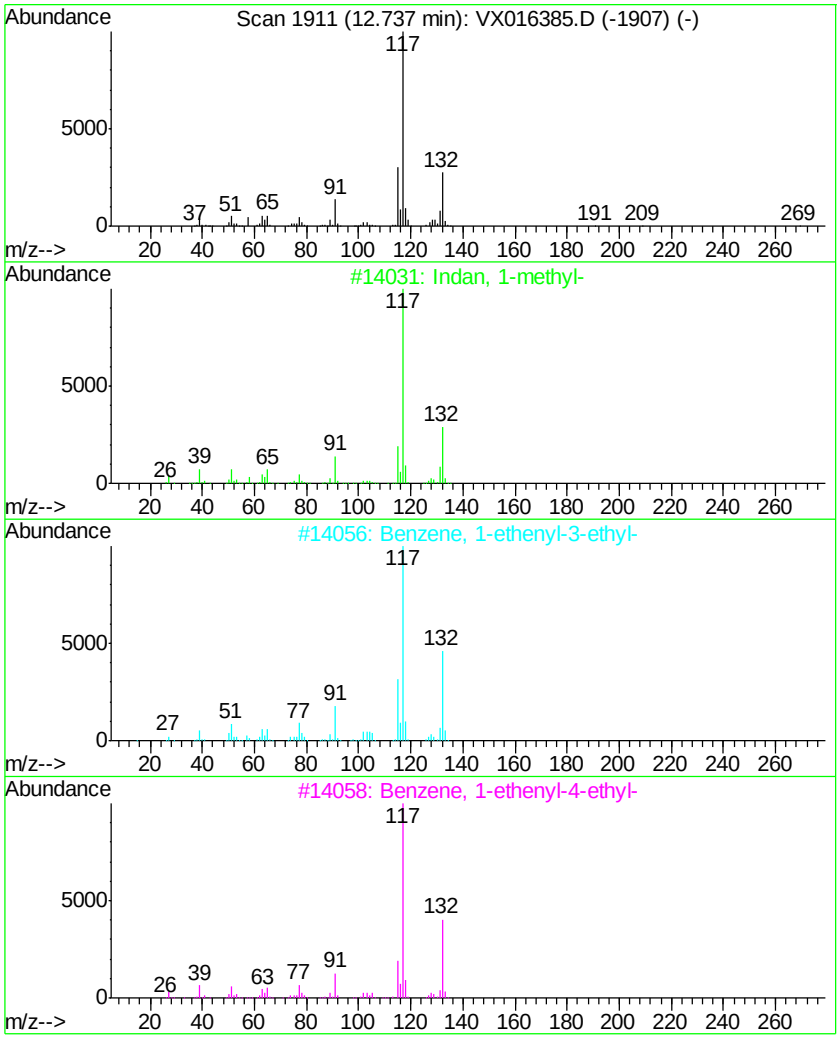
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

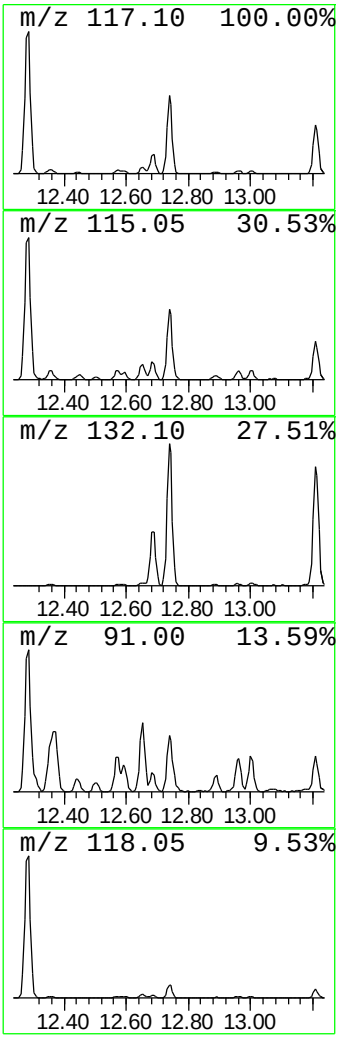
****

Peak Number 9 Indan, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	19.94 ug/l	476954	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052120\
Data File : VX016385.D
Acq On : 21 May 2020 15:49
Operator : JC/SP
Sample : L2684-03 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260

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

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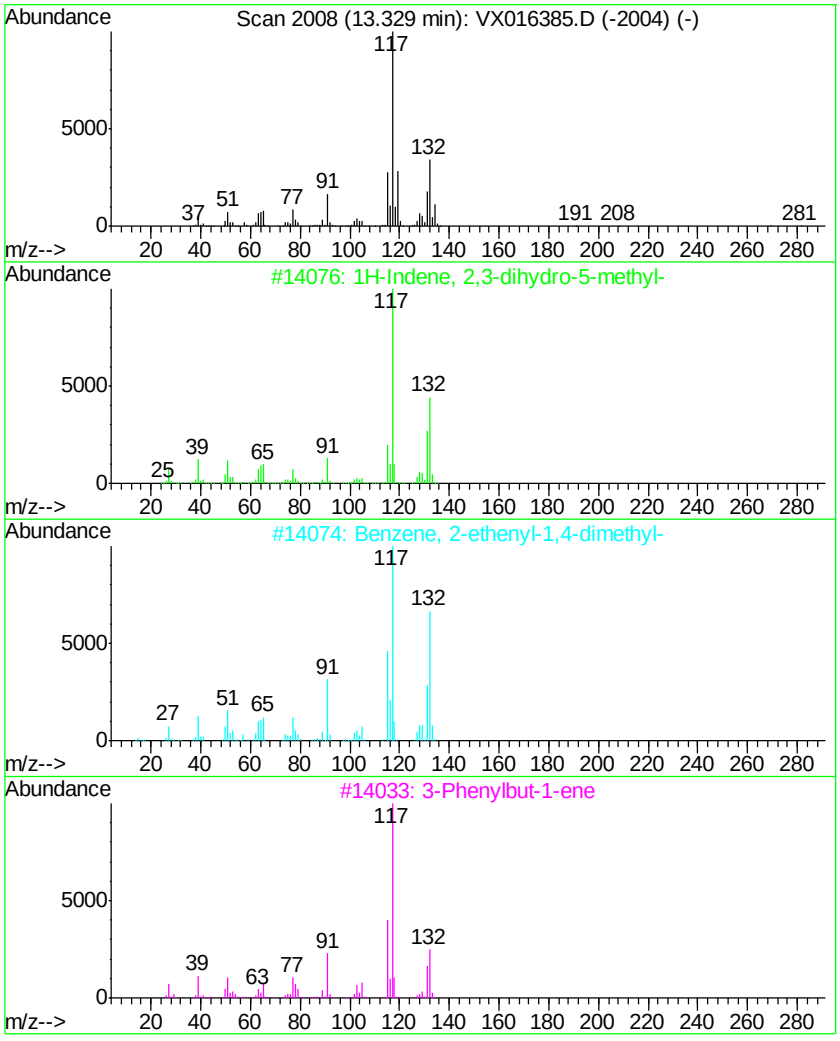
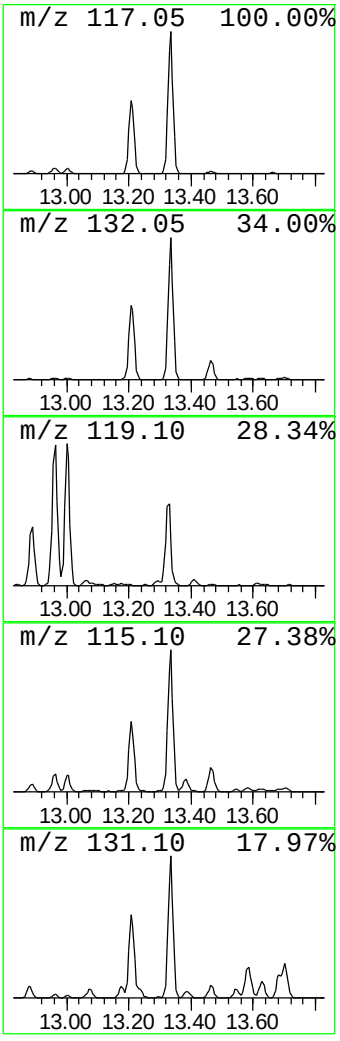
Peak Number 10 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	28.22 ug/l	675139	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052120\
Data File : VX016385.D
Acq On : 21 May 2020 15:49
Operator : JC/SP
Sample : L2684-03 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.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
Butane, 2-methyl-	1.75	41.4	ug/l	594154	1	5.63	717250	50.0
Pentane	1.97	24.8	ug/l	355850	1	5.63	717250	50.0
Cyclopentane, met...	4.37	27.3	ug/l	391305	1	5.63	717250	50.0
Benzene, 1-ethyl-...	11.42	131.2	ug/l	3139000	4	12.06	1196080	50.0
Benzene, 1,2,3-tr...	12.13	46.4	ug/l	1108840	4	12.06	1196080	50.0
Benzene, 1-etheny...	12.29	47.3	ug/l	1131920	4	12.06	1196080	50.0
o-Cymene	12.65	16.1	ug/l	385333	4	12.06	1196080	50.0
Indan, 1-methyl-	12.74	19.9	ug/l	476954	4	12.06	1196080	50.0
1H-Indene, 2,3-di...	13.33	28.2	ug/l	675139	4	12.06	1196080	50.0