LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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	44	49	53	rBV	132905	149128	2.75%	0.546%
2	1.489	59	66	67	rBV2	34623	65192	1.20%	0.239%
3	1.697	96	100	110	rVB2	111981	193173	3.56%	0.708%
4	2.166	172	177	188	rVB	148102	222892	4.11%	0.816%
5	2.343	201	206	218	rVB	231527	373624	6.89%	1.368%
6	2.825	279	285	288	rBV4	33493	67129	1.24%	0.246%
7	2.867	288	292	299	rVB	94465	189249	3.49%	0.693%
8	3.148	329	338	350	rBV	211036	485506	8.95%	1.778%
9	3.495	388	395	404	rBV2	66461	160496	2.96%	0.588%
10	3.824	437	449	468	rBV	647781	1748927	32.24%	6.406%
11	4.373	528	539	550	rBV2	244625	705329	13.00%	2.583%
12	4.556	557	569	582	rBV2	119021	409166	7.54%	1.499%
13	5.141	649	665	678	rBV	154318	503640	9.28%	1.845%
14	5.544	724	731	744	rBV5	28647	87684	1.62%	0.321%
15	6.044	802	813	817	rBV3	350820	952737	17.56%	3.490%
16	6.111	817	824	840	rVB	2047788	5425062	100.00%	19.870%
17	6.830	931	942	949	rBV	351482	854045	15.74%	3.128%
18	7.366	1022	1030	1038	rBV	216889	488299	9.00%	1.788%
19	7.440	1038	1042	1050	rVB6	32497	70640	1.30%	0.259%
20	8.372	1189	1195	1203	rBV	140171	224862	4.14%	0.824%
21	8.695	1242	1248	1255	rBV	577489	882824	16.27%	3.233%
22	8.763	1255	1259	1265	rVB	200229	307037	5.66%	1.125%
23	8.994	1288	1297	1306	rBV	94406	162741	3.00%	0.596%
24	9.427	1362	1368	1380	rBV	699933	977074	18.01%	3.579%
25	10.098	1472	1478	1479	rBV	764621	989975	18.25%	3.626%
26	10.122	1479	1482	1488	rVB	1480781	1936279	35.69%	7.092%
27	10.232	1496	1500	1504	rBV	53633	69629	1.28%	0.255%
28	10.342	1511	1518	1525	rVB	115675	173126	3.19%	0.634%
29	10.683	1570	1574	1583	rVB2	37888	67482	1.24%	0.247%
30	11.000	1621	1626	1631	rBV	88936	122030	2.25%	0.447%
31	11.232	1655	1664	1668	rBV	216204	297326	5.48%	1.089%
32	11.341	1677	1682	1690	rBV2	90458	133014	2.45%	0.487%
33	11.445	1690	1699	1704	rVV4	123331	185601	3.42%	0.680%
34	11.652	1728	1733	1741	rVB	225437	286044	5.27%	1.048%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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	11.750	1741	1749	1753	rBV	40961	60053	1.11%	0.220%
36	11.792	1753	1756	1765	rVB	46477	68602	1.26%	0.251%
37	11.902	1770	1774	1776	rVV	51817	70663	1.30%	0.259%
38	11.927	1776	1778	1783	rVB	53574	66347	1.22%	0.243%
39	12.061	1795	1800	1807	rBV2	858371	1323492	24.40%	4.847%
40	12.122	1807	1810	1815	rVB2	89936	112061	2.07%	0.410%
41	12.219	1821	1826	1829	rBV2	48651	57643	1.06%	0.211%
42	12.280	1829	1836	1843	rVB	430721	576598	10.63%	2.112%
43	12.359	1843	1849	1858	rVB2	727457	1266198	23.34%	4.638%
44	12.652	1888	1897	1900	rBV	108840	154144	2.84%	0.565%
45	12.683	1900	1902	1908	rVB3	52994	84516	1.56%	0.310%
46	12.744	1908	1912	1919	rBV5	43811	84820	1.56%	0.311%
47	12.872	1926	1933	1940	rBV2	389880	571250	10.53%	2.092%
48	12.963	1940	1948	1952	rBV	147923	252925	4.66%	0.926%
49	13.073	1962	1966	1970	rVB3	49896	73832	1.36%	0.270%
50	13.176	1977	1983	1986	rVV2	74839	103343	1.90%	0.379%
51	13.329	2004	2008	2013	rVV2	107528	155756	2.87%	0.570%
52	13.384	2013	2017	2022	rVV4	35529	55264	1.02%	0.202%
53	13.439	2022	2026	2034	rVB8	35472	74091	1.37%	0.271%
54	13.554	2040	2045	2052	rBV6	31900	72551	1.34%	0.266%
55	13.621	2052	2056	2059	rBV3	61355	94030	1.73%	0.344%
56	13.658	2059	2062	2063	rBV	62123	65096	1.20%	0.238%
57	13.682	2063	2066	2068	rVV	65645	66418	1.22%	0.243%
58	13.792	2080	2084	2087	rBV	44647	61250	1.13%	0.224%
59	13.835	2087	2091	2096	rVB5	36982	69918	1.29%	0.256%
60	13.890	2096	2100	2105	rVB2	125149	180193	3.32%	0.660%
61	13.969	2105	2113	2117	rBV2	134840	226782	4.18%	0.831%
62	14.012	2117	2120	2124	rVV2	42691	58287	1.07%	0.213%
63	14.249	2156	2159	2164	rBV2	42391	65830	1.21%	0.241%
64	14.359	2173	2177	2182	rVB	95741	118358	2.18%	0.434%
65	14.414	2182	2186	2190	rVB3	74905	107025	1.97%	0.392%
66	14.524	2200	2204	2209	rBV2	66832	93346	1.72%	0.342%
67	14.597	2213	2216	2220	rVV5	29844	57757	1.06%	0.212%
68	14.652	2220	2225	2227	rVV5	42469	86337	1.59%	0.316%
69	14.713	2231	2235	2238	rVV3	65431	83493	1.54%	0.306%
70	14.822	2249	2253	2258	rVV2	119131	197657	3.64%	0.724%
71	15.225	2313	2319	2327	rBV6	49820	119744	2.21%	0.439%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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

72	15.450	2353	2356	2361	rVB	46888	69487	1.28%	0.255%
73	16.042	2446	2453	2459	rBV3	34395	69510	1.28%	0.255%
74	16.151	2465	2471	2478	rVB	92213	161035	2.97%	0.590%

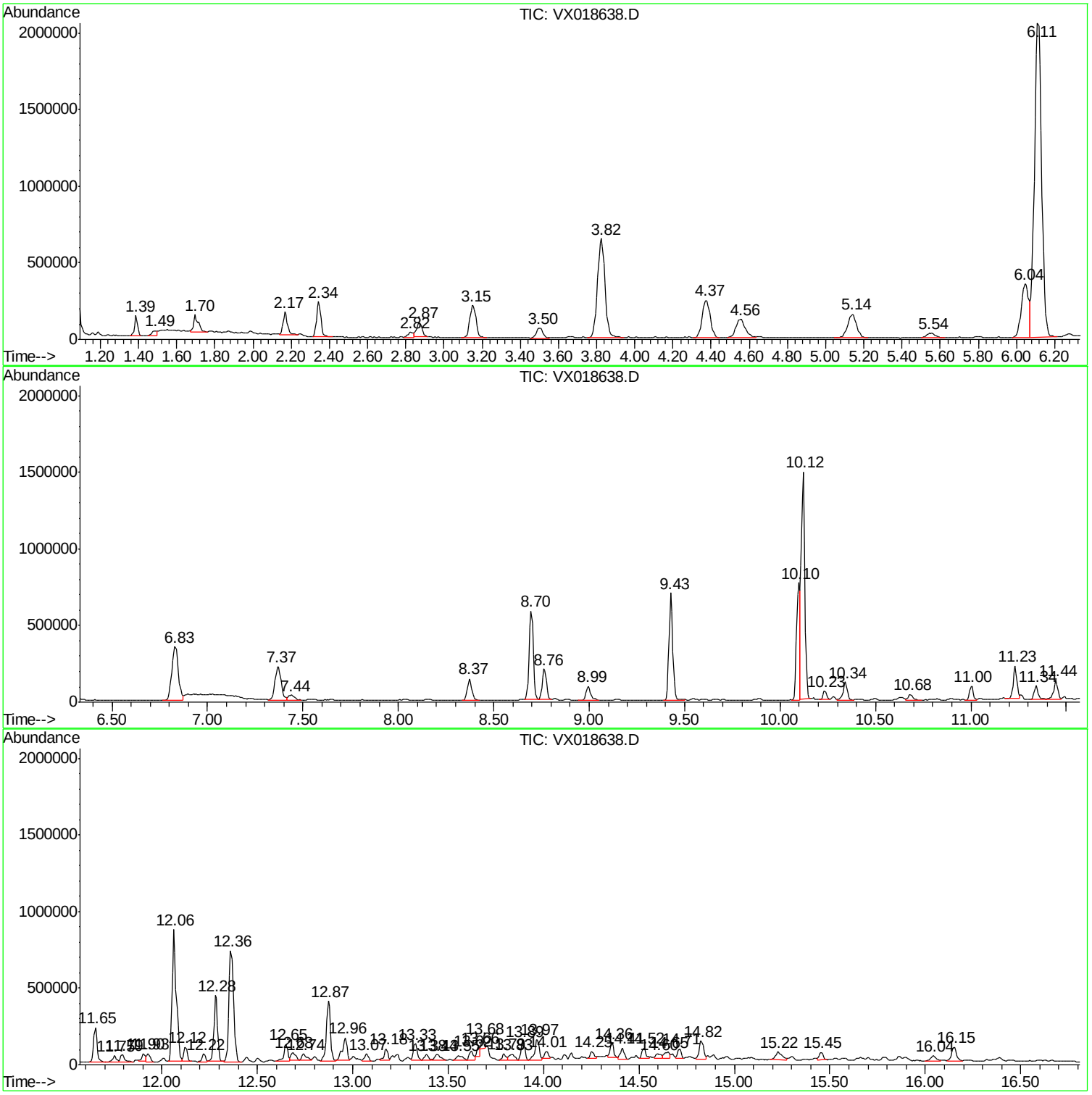
Sum of corrected areas: 27302664

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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

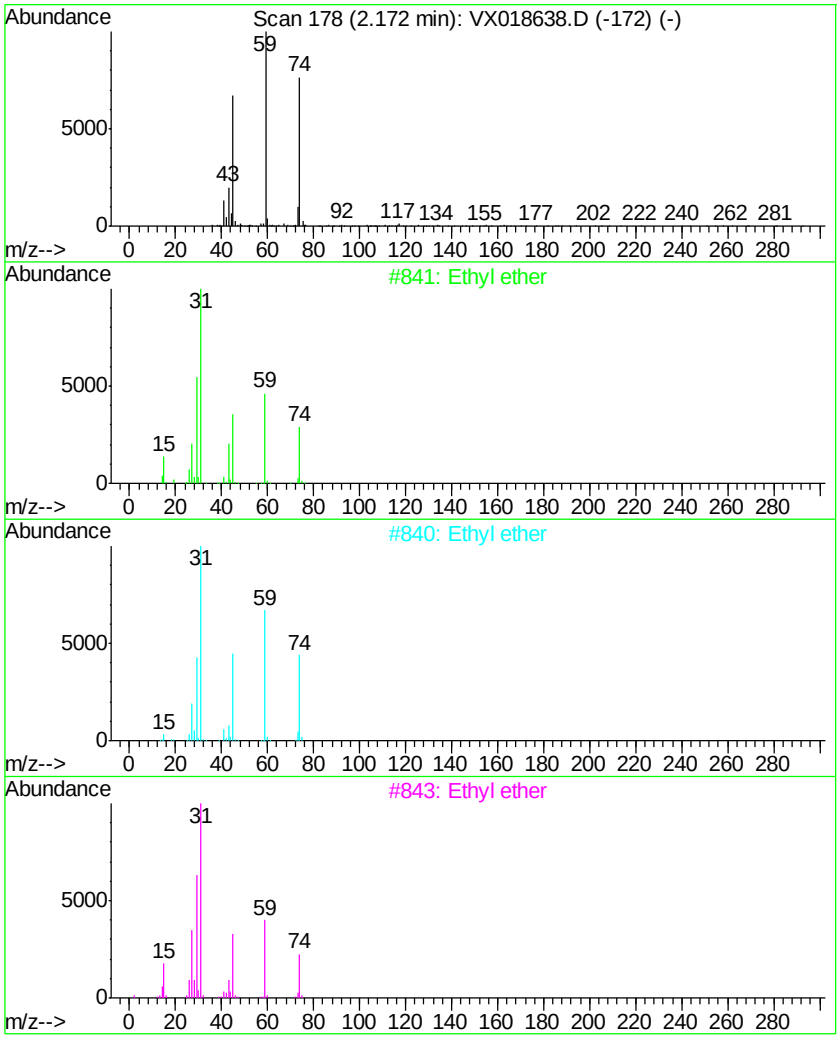
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

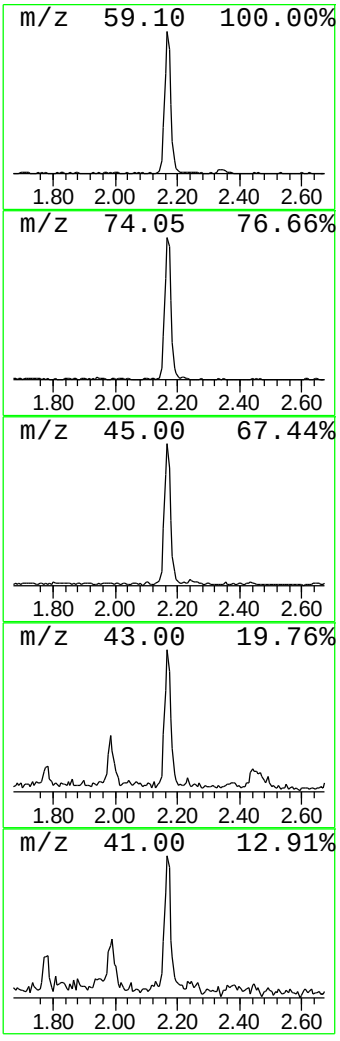
****

Peak Number 1 Ethyl ether Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	1.30 ug/L	222892	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	86
2	Ethyl ether	74	C4H10O	000060-29-7	86
3	Ethyl ether	74	C4H10O	000060-29-7	78
4	Ethyl ether	74	C4H10O	000060-29-7	78
5	Ethyl ether	74	C4H10O	000060-29-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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

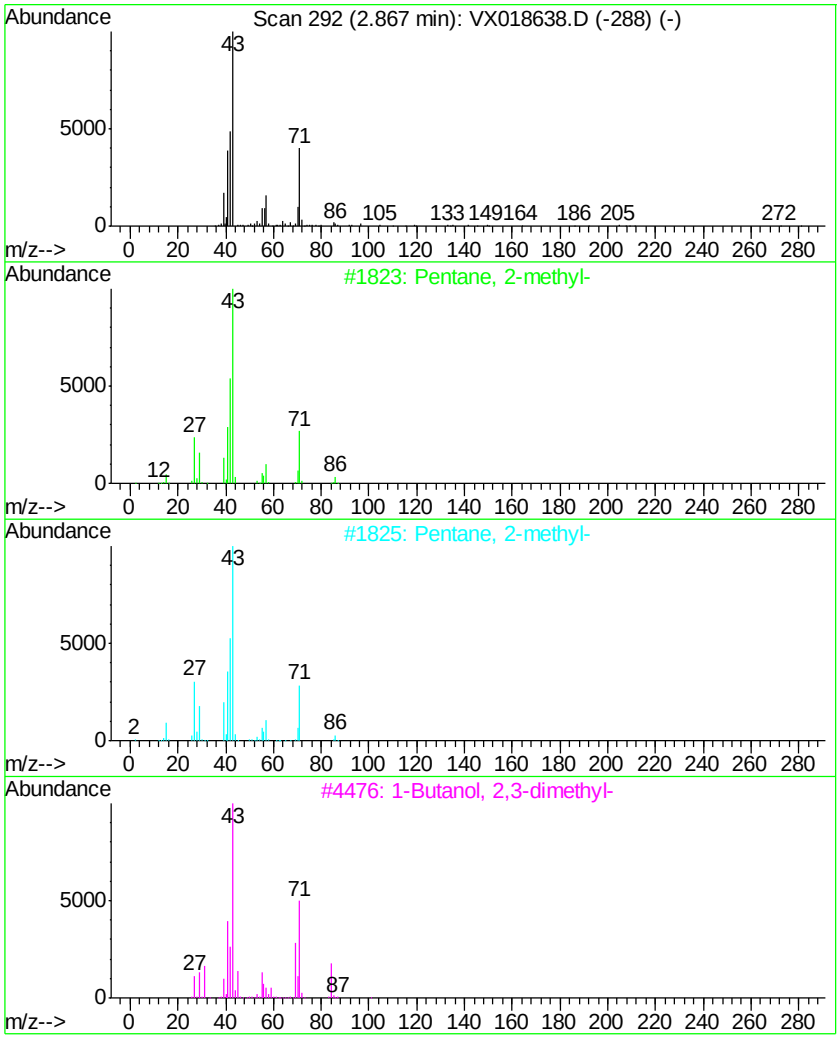
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

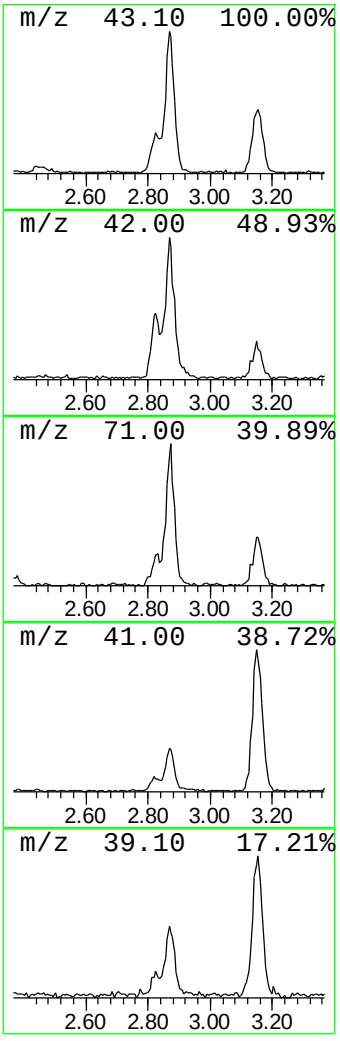
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	1.11 ug/L	189249	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	78
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	38
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
5	Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	25





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

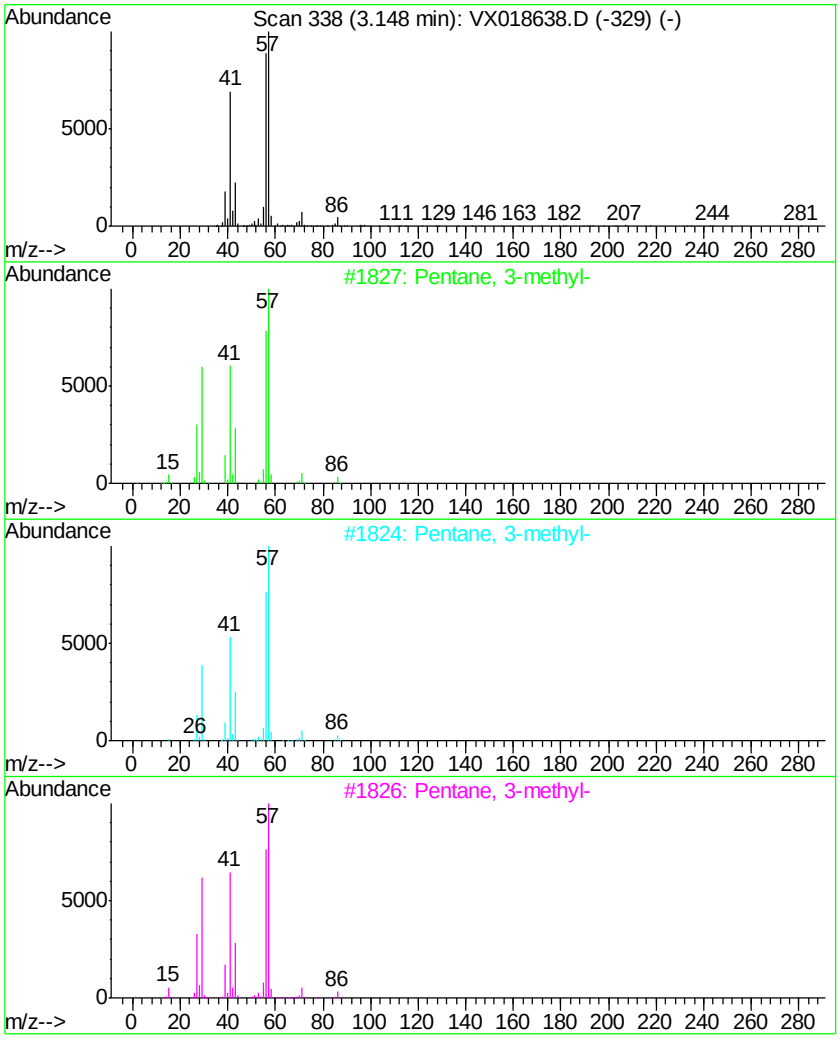
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

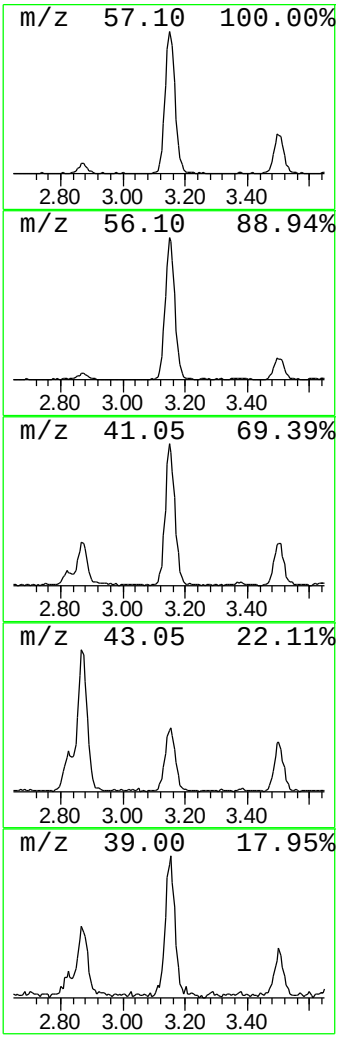
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	2.84 ug/L	485506	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	56
5	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

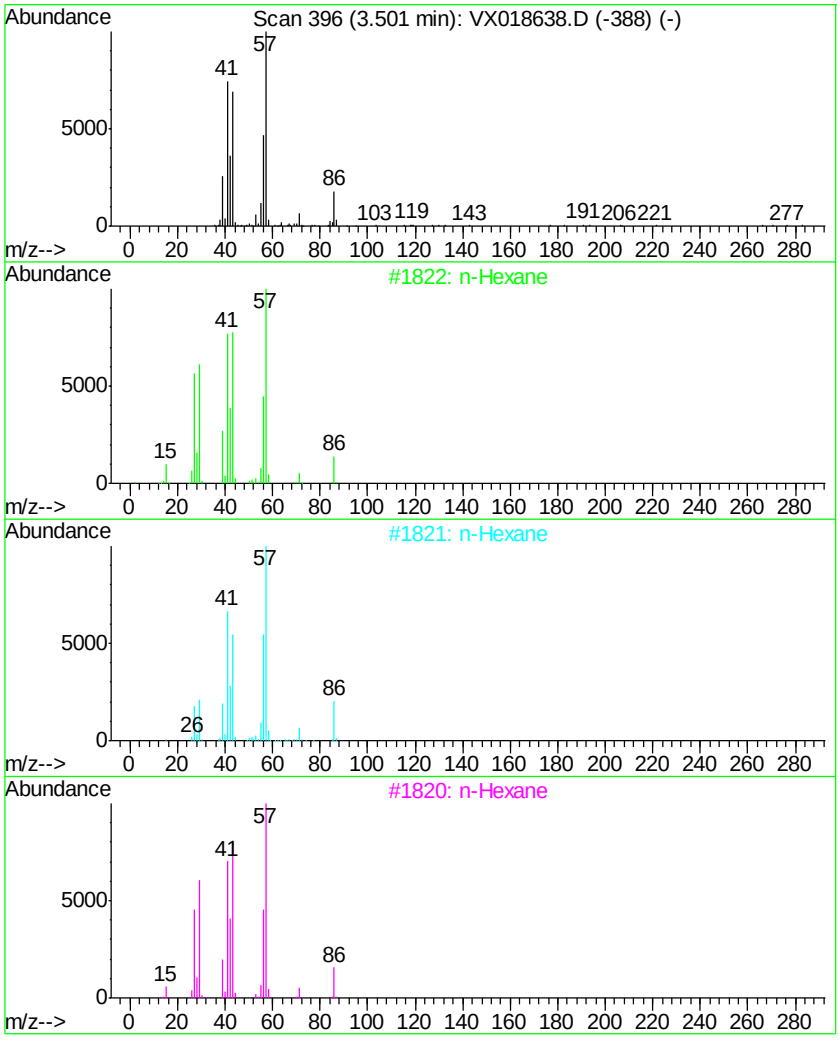
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

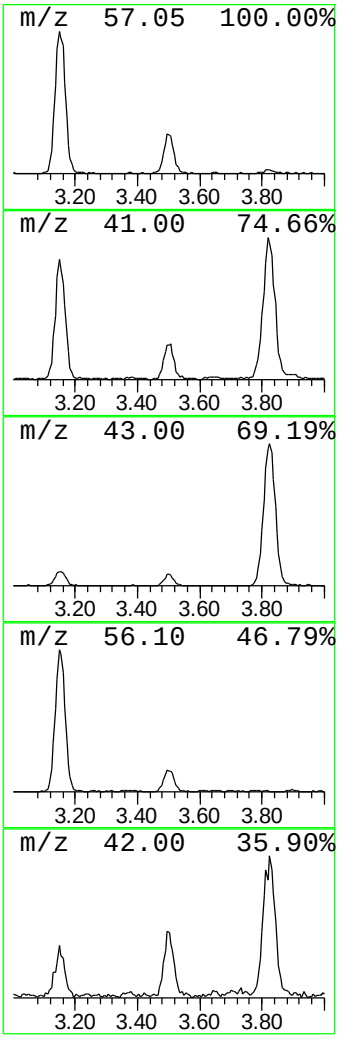
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	0.94 ug/L	160496	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	81
2	n-Hexane	86	C6H14	000110-54-3	81
3	n-Hexane	86	C6H14	000110-54-3	72
4	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	47
5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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

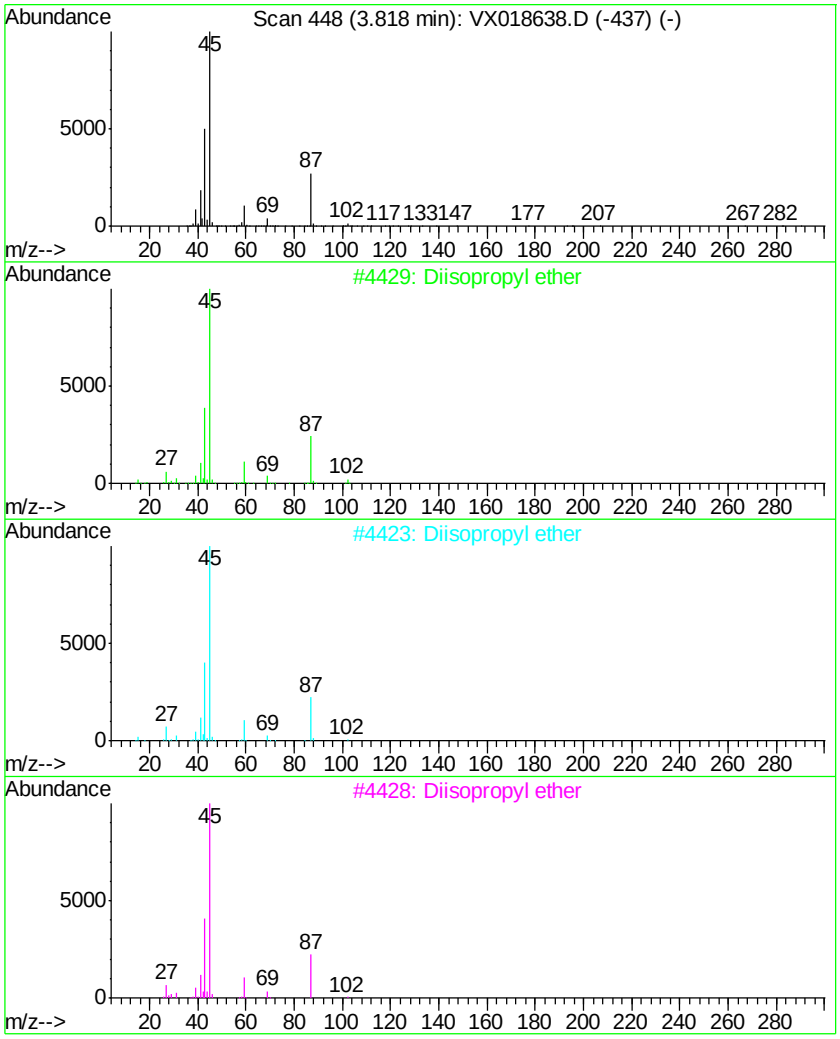
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

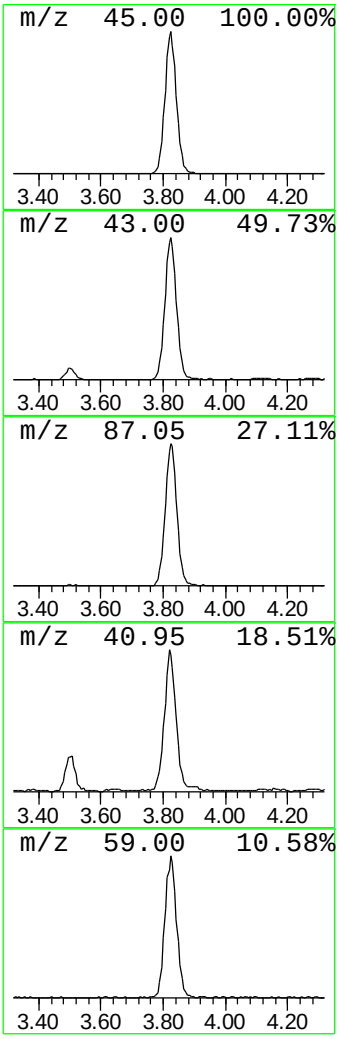
****

Peak Number 5 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	10.24 ug/L	1748930	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	83
4	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	56
5	Acetoin	88	C4H8O2	000513-86-0	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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

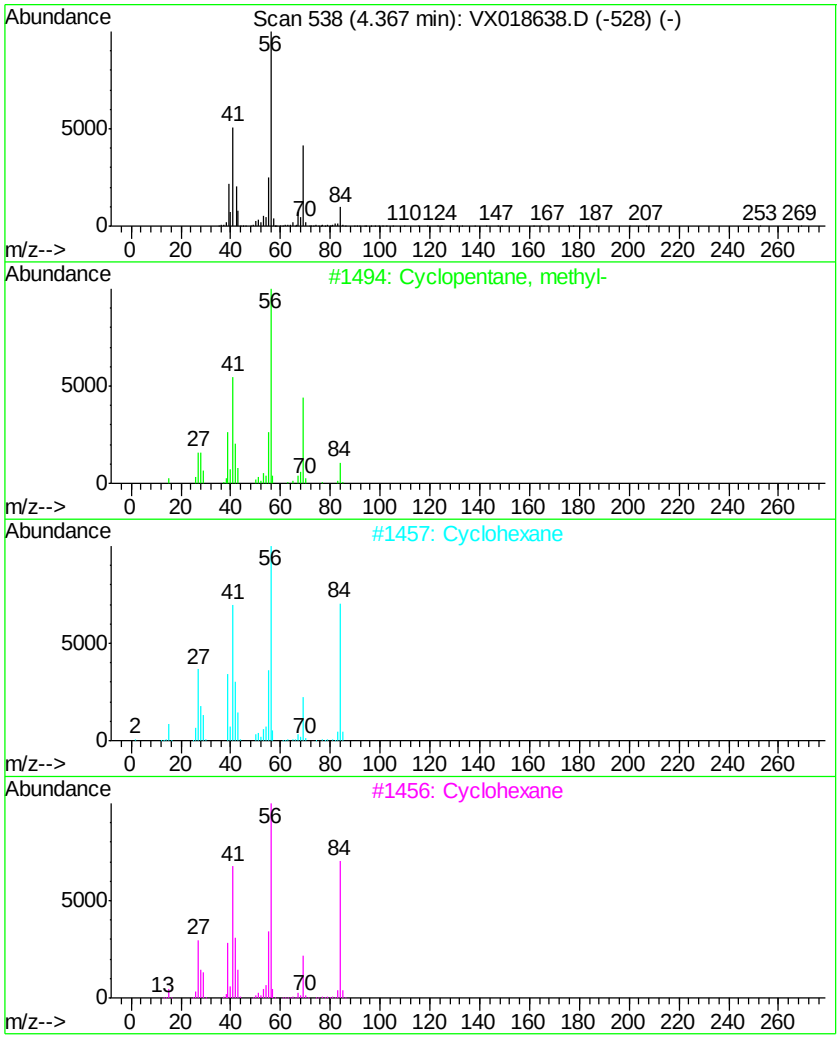
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

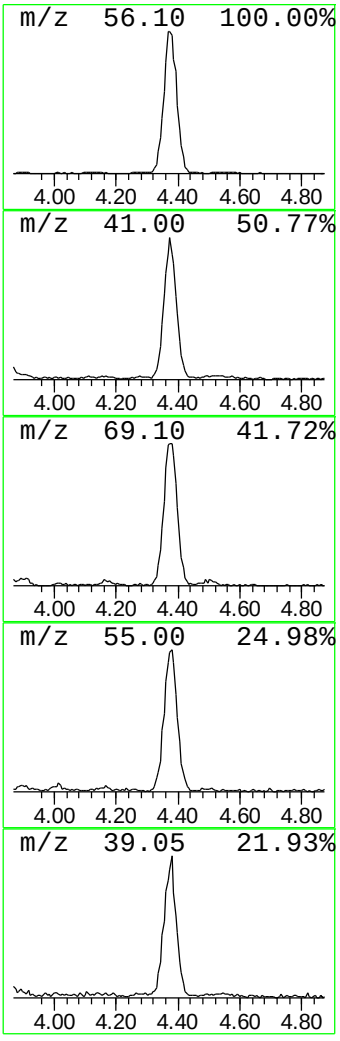
****

Peak Number 6 (DEL) Alkane: Cyclic4.37 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	4.13 ug/L	705329	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclohexane	84	C6H12	000110-82-7	86
3	Cyclohexane	84	C6H12	000110-82-7	86
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
5	Cyclohexane	84	C6H12	000110-82-7	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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

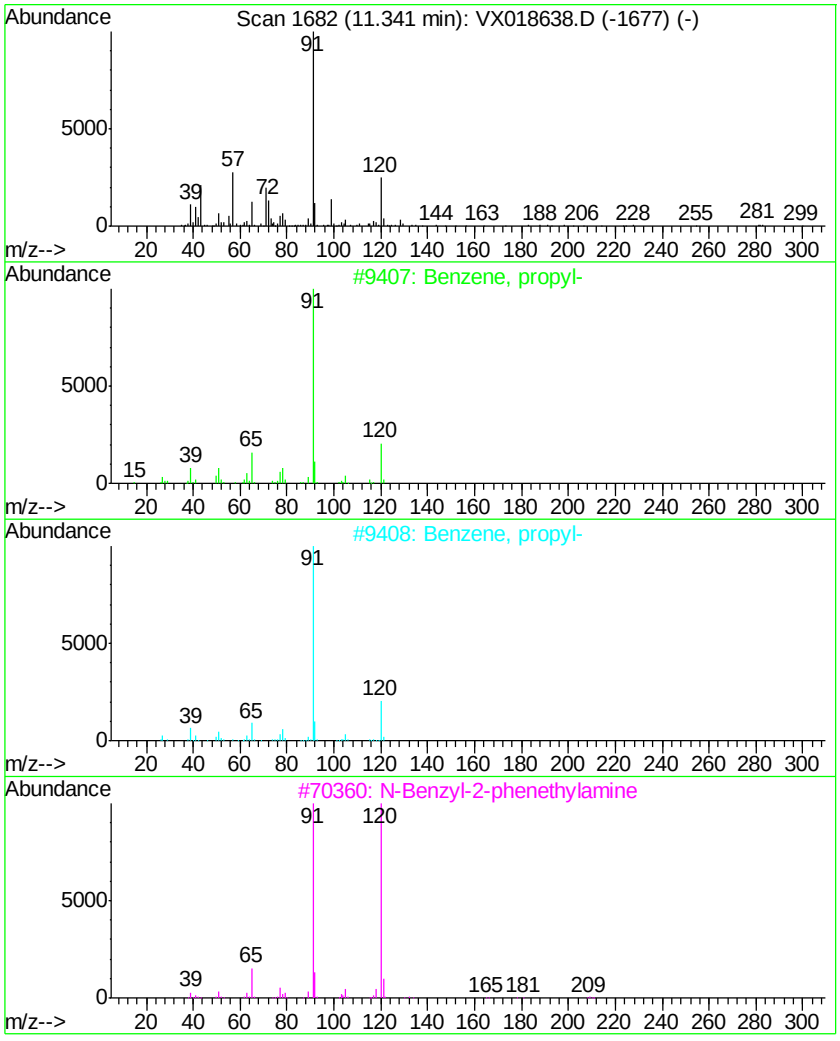
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

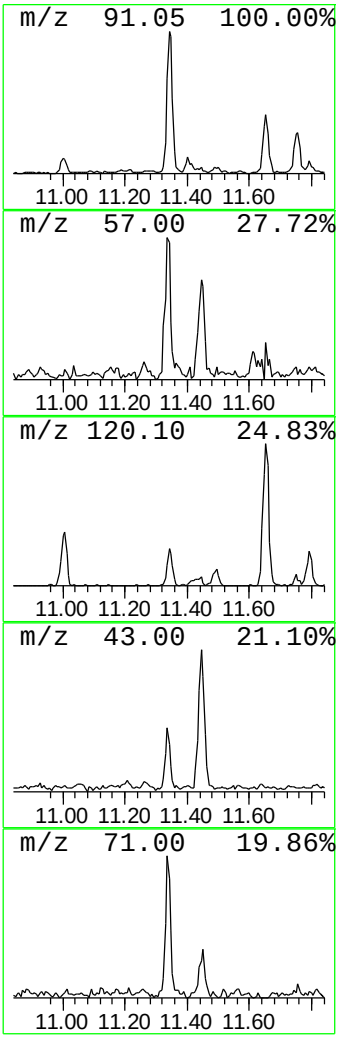
****

Peak Number 8 Benzene, propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.50 ug/L	133014	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	60
2	Benzene, propyl-	120	C9H12	000103-65-1	60
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	47
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	47
5	Benzene, propyl-	120	C9H12	000103-65-1	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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

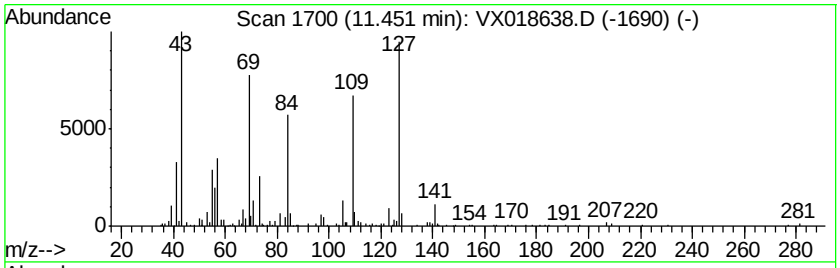
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

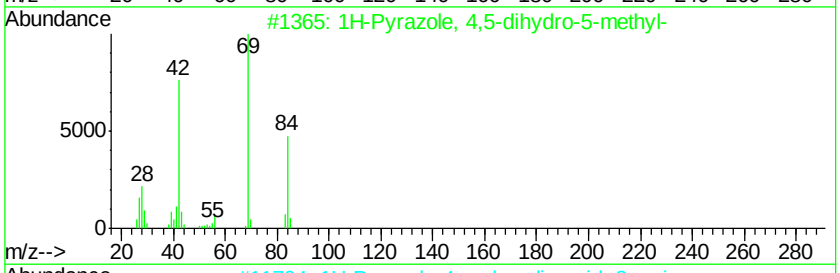
****

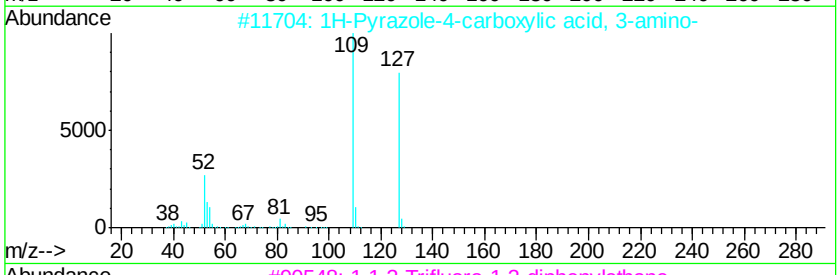
Peak Number 9 unknown-01 Concentration Rank 14

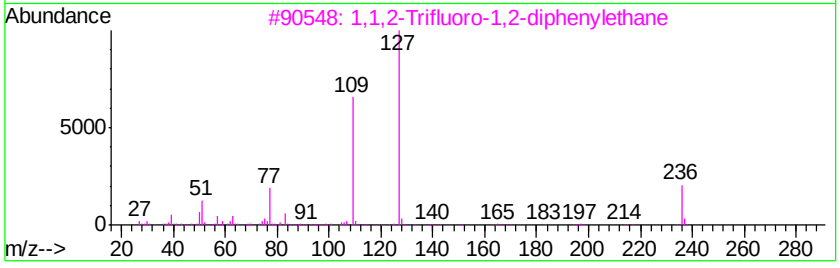
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	0.70 ug/L	185601	1,4-Dichlorobenzene-d4	12.06

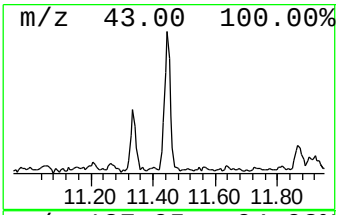
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 4,5-dihydro-5-methyl-	84	C4H8N2	001568-20-3	27
2	1H-Pyrazole-4-carboxylic acid, 3...	127	C4H5N3O2	041680-34-6	27
3	1,1,2-Trifluoro-1,2-diphenylethane	236	C14H11F3	068936-77-6	27
4	Isopropylphosphonic acid, fluoro...	266	C13H28FO2P	333416-36-7	14
5	Geraniol	154	C10H18O	000106-24-1	14

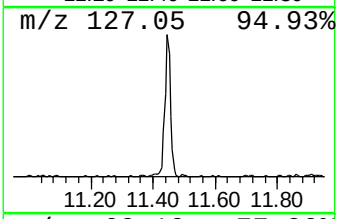


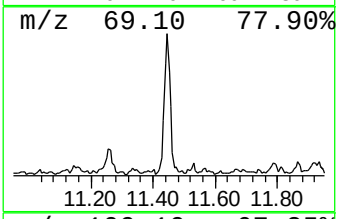


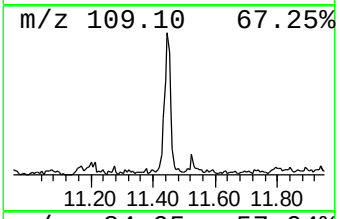


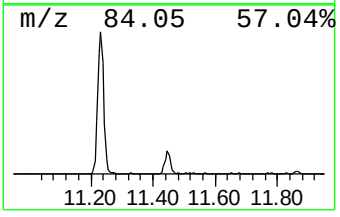












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Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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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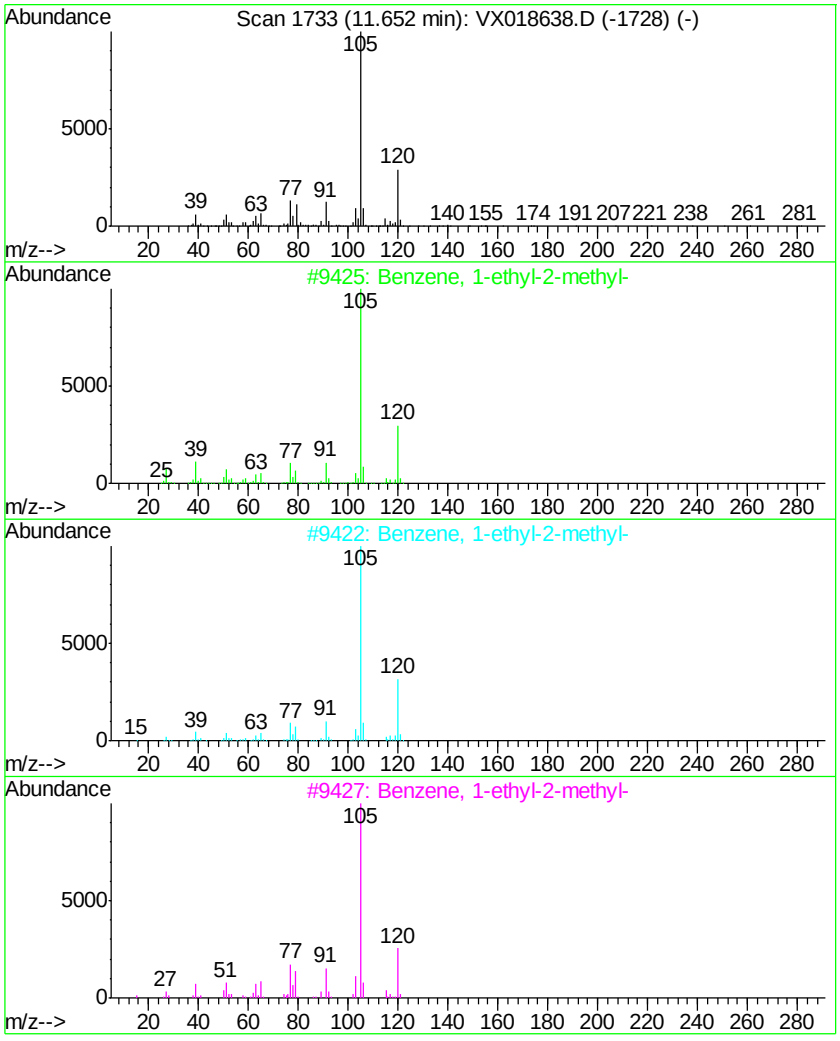
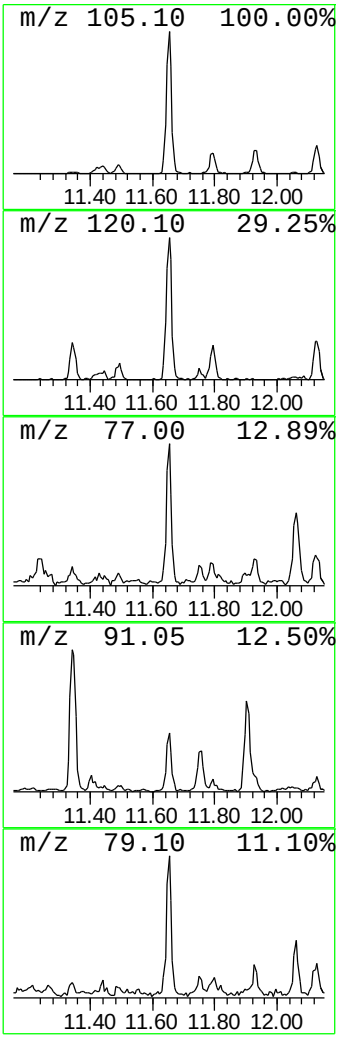
Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	1.08 ug/L	286044	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-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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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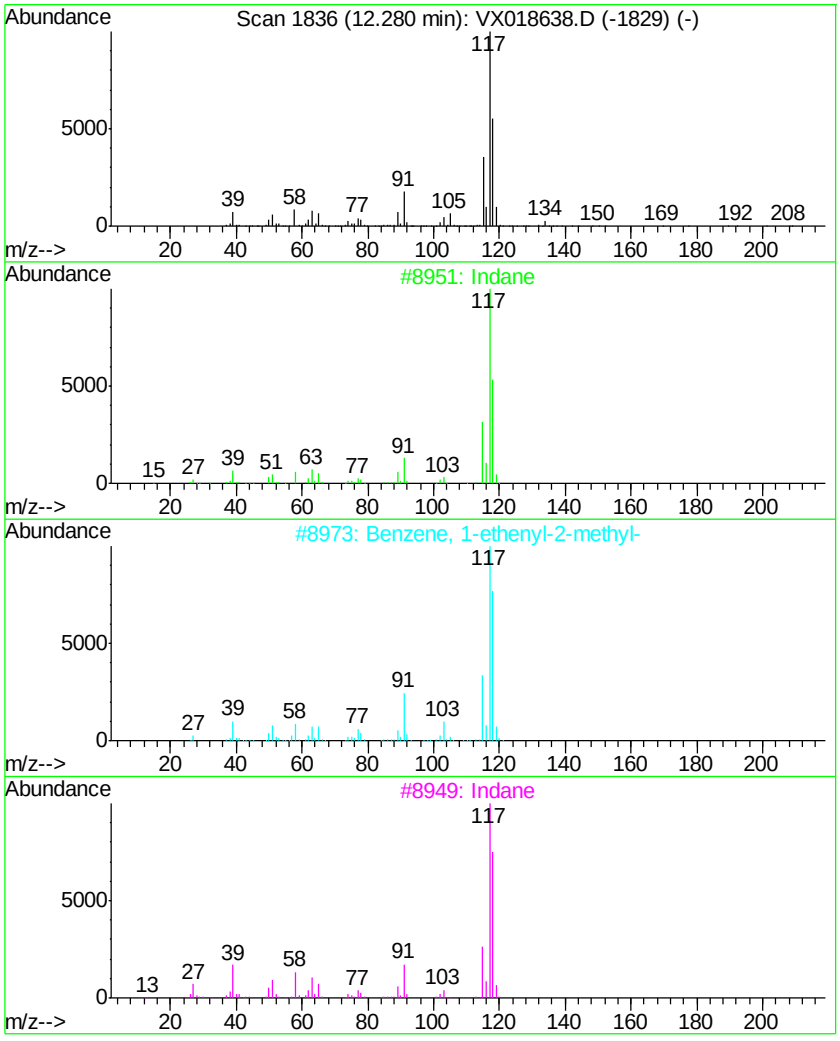
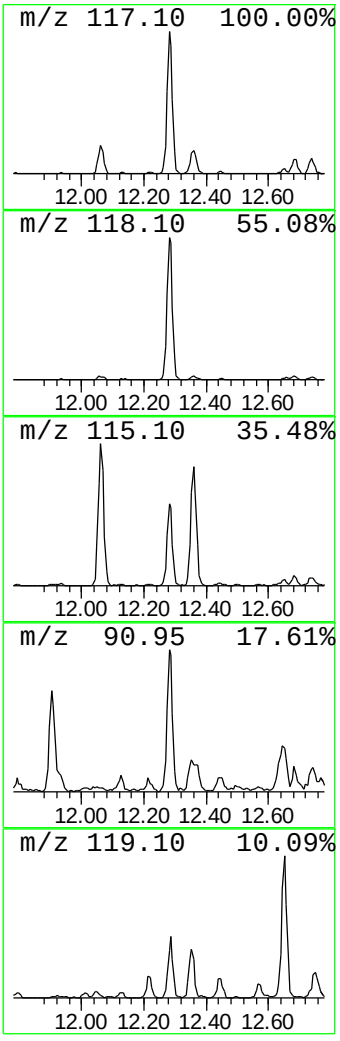
Peak Number 11 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.18 ug/L	576598	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81





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Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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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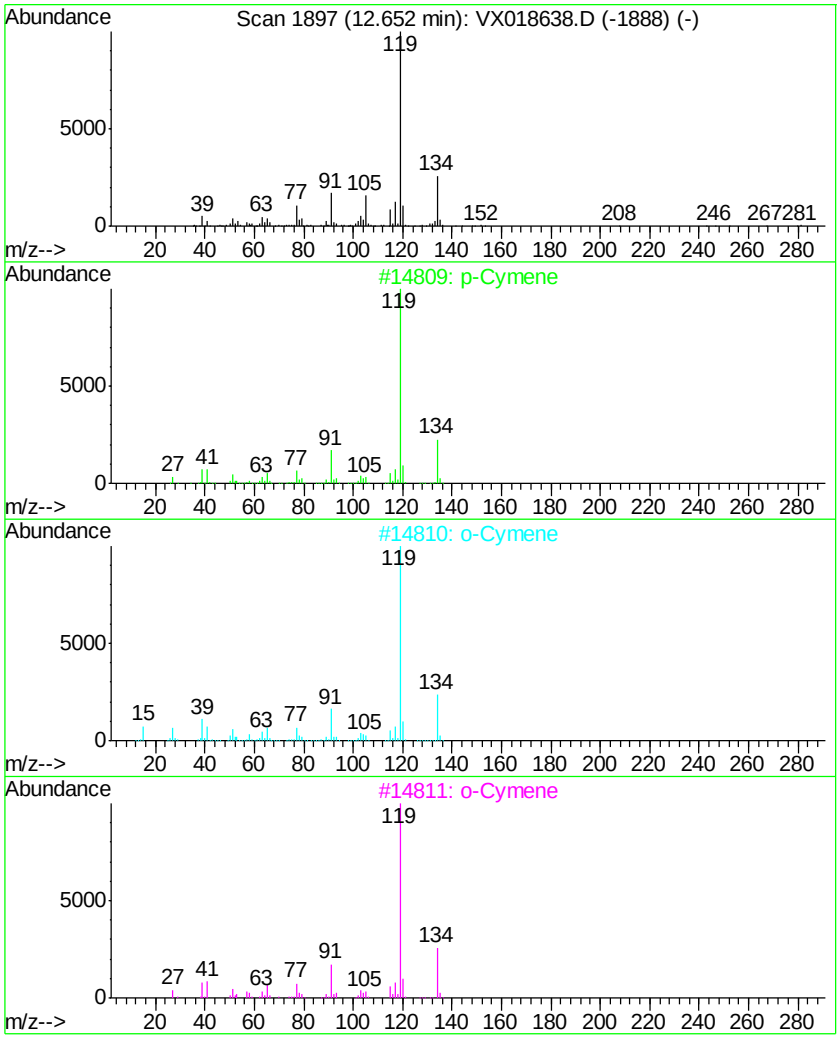
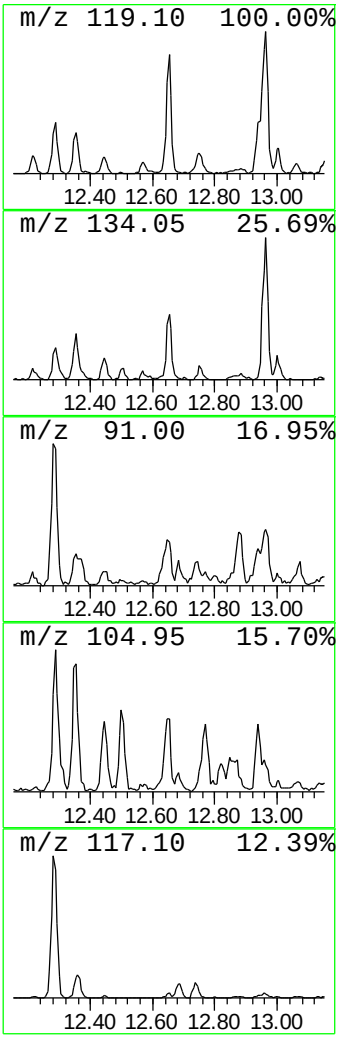
Peak Number 12 p-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	0.58 ug/L	154144	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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

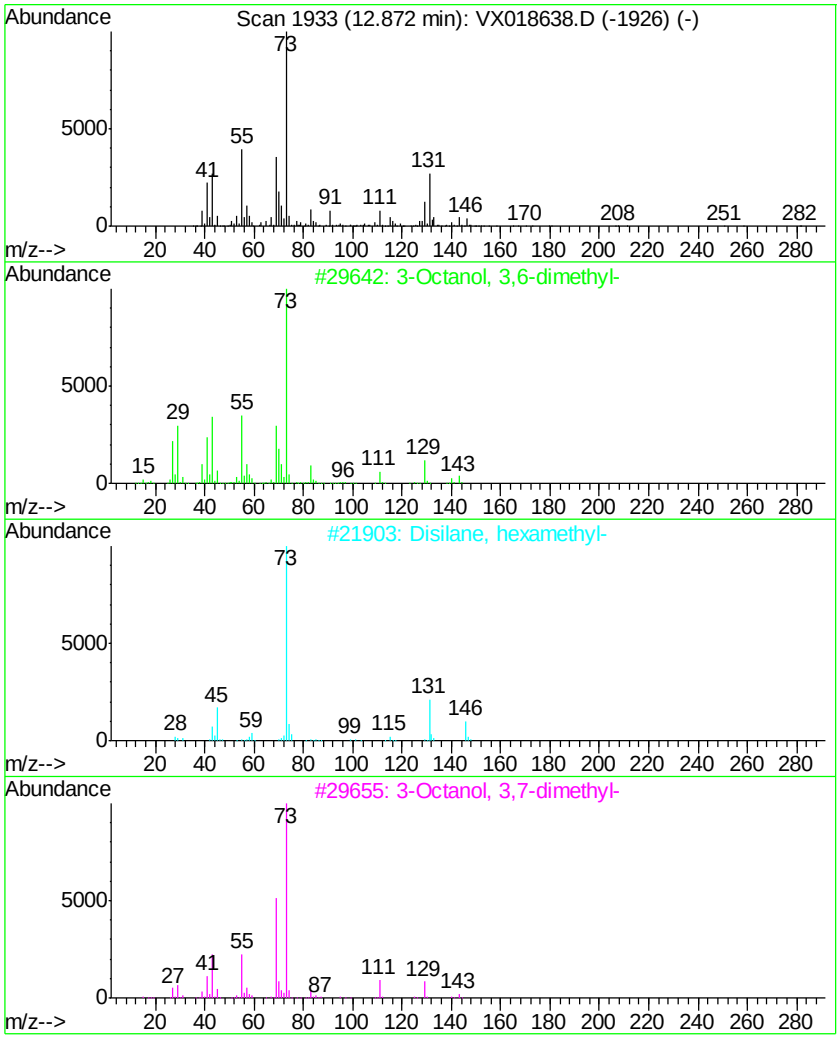
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

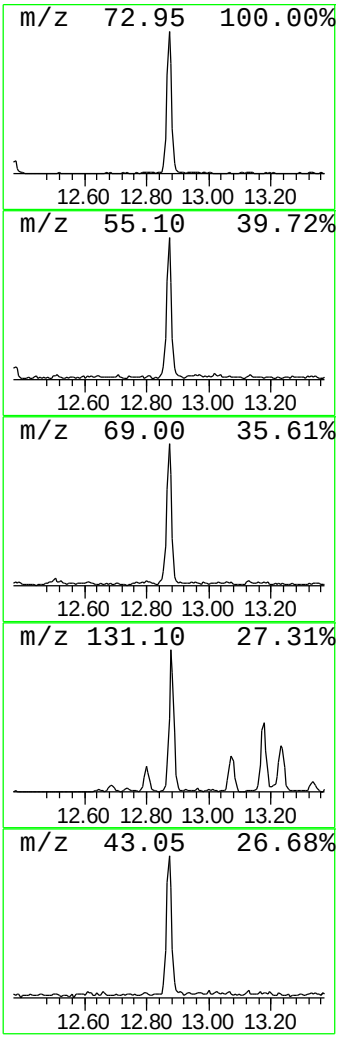
****

Peak Number 13 3-Octanol, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.16 ug/L	571250	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	52
2	Disilane, hexamethyl-	146	C6H18Si2	001450-14-2	32
3	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	27
4	1,2-Butanediol, bis(trimethylsil...	234	C10H26O2Si2	1000099-91-9	17
5	3-Octanol, 3-methyl-	144	C9H20O	005340-36-3	17





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Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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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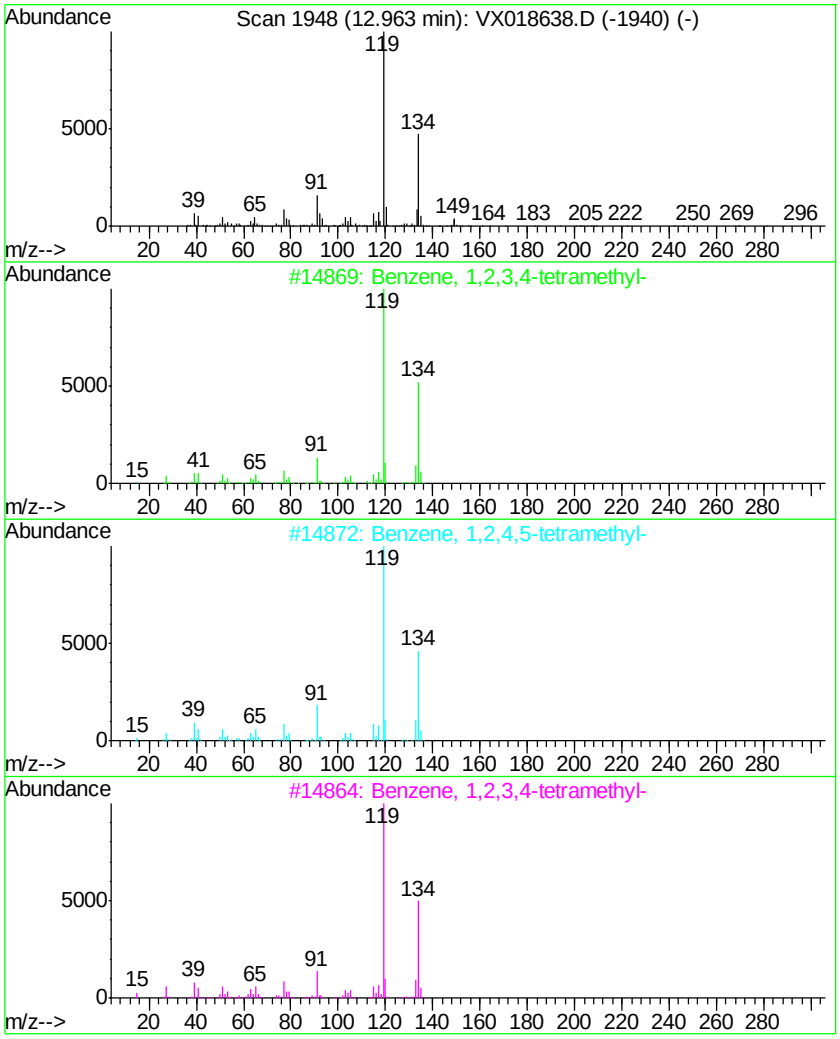
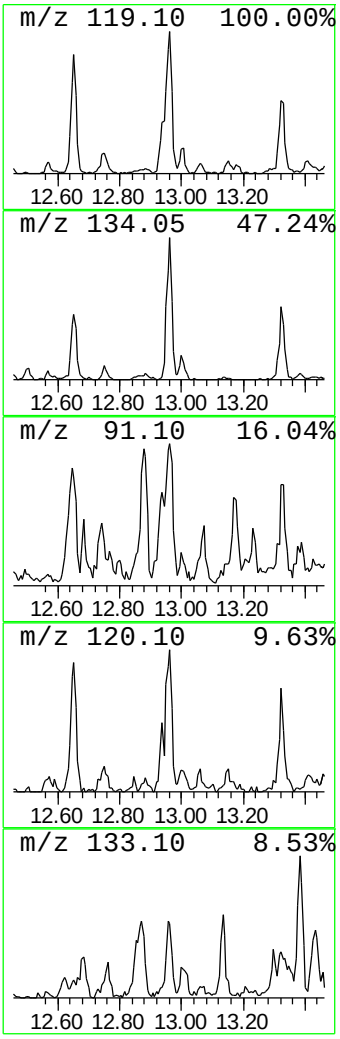
Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	0.96 ug/L	252925	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





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Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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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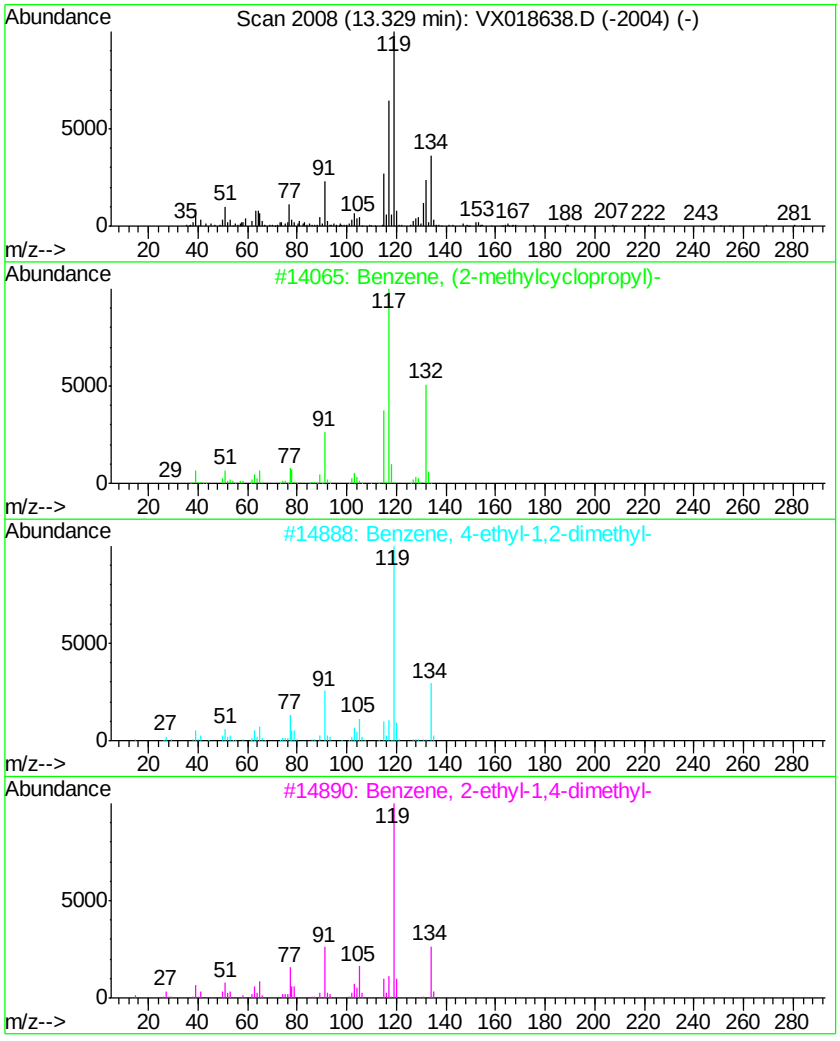
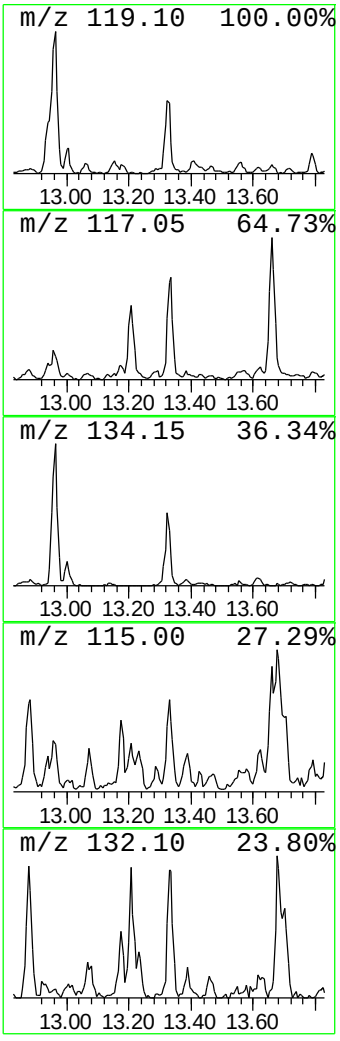
Peak Number 15 Benzene, (2-methylcycloprop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	0.59 ug/L	155756	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	55
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	49
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	49
4	o-Cymene	134	C10H14	000527-84-4	49
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	49





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Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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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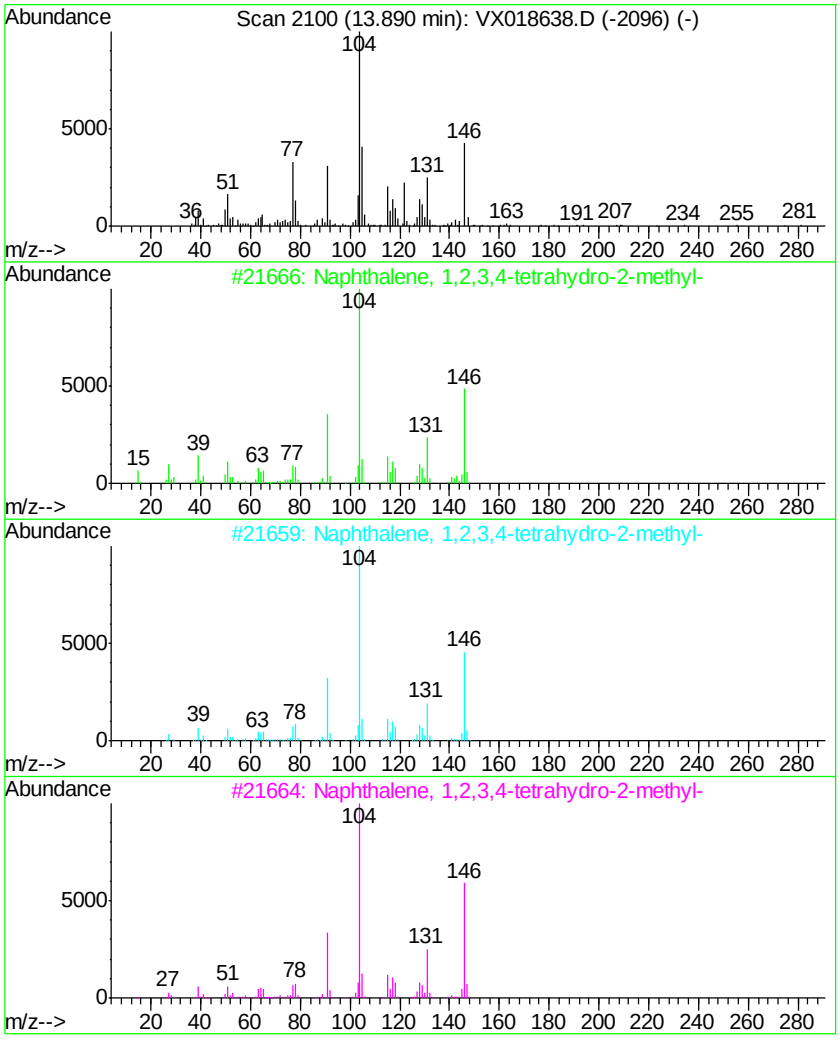
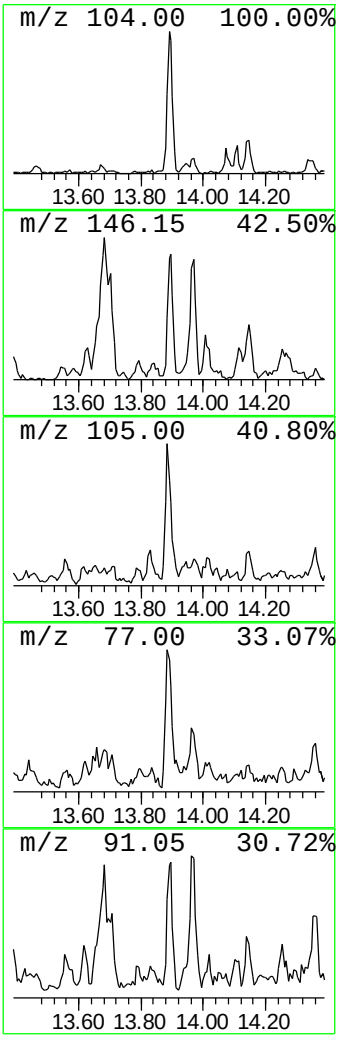
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	0.68 ug/L	180193	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	68
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	68
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

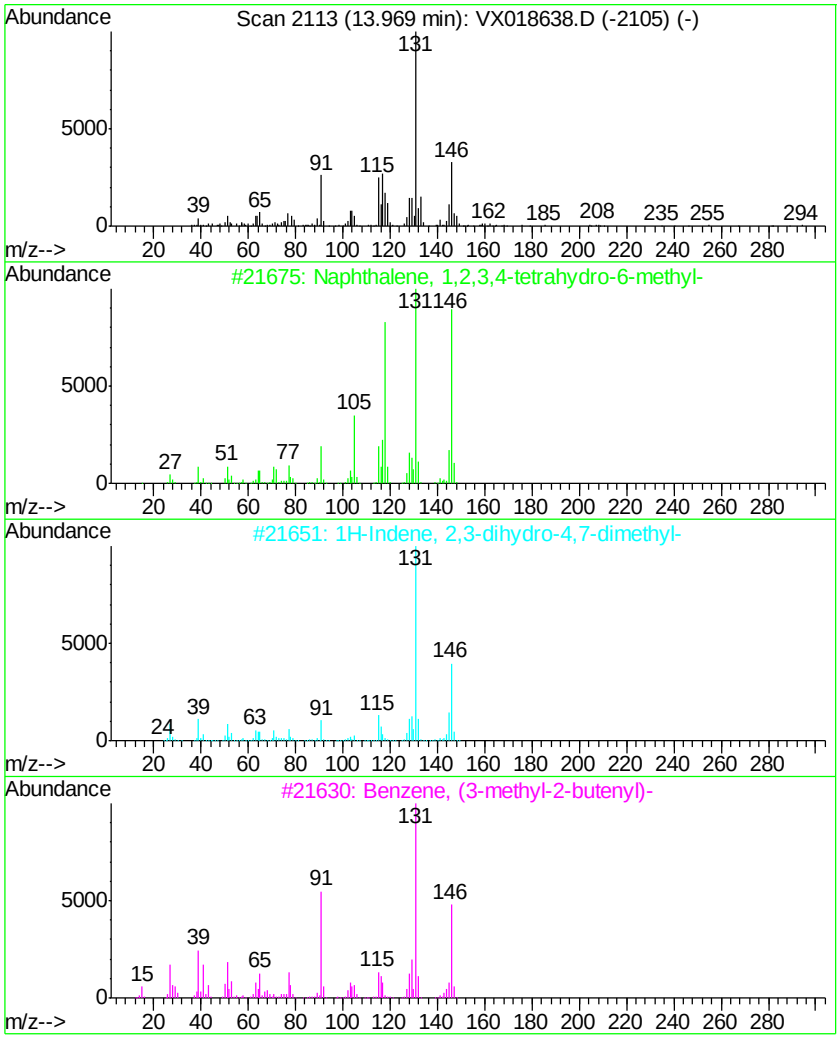
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

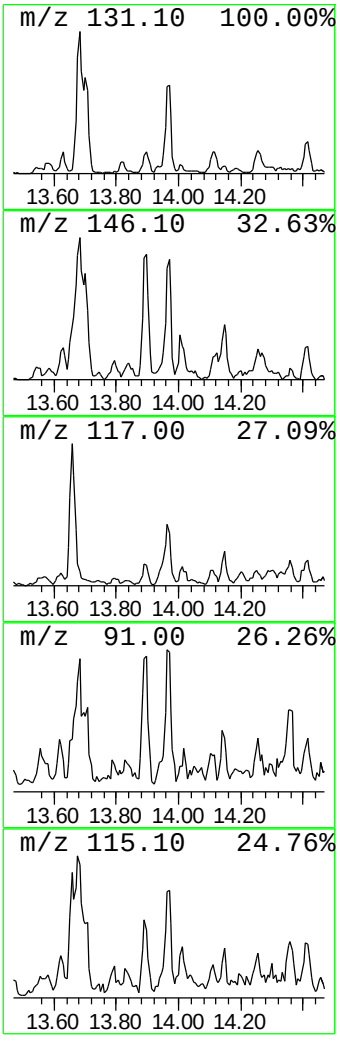
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	0.86 ug/L	226782	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	92
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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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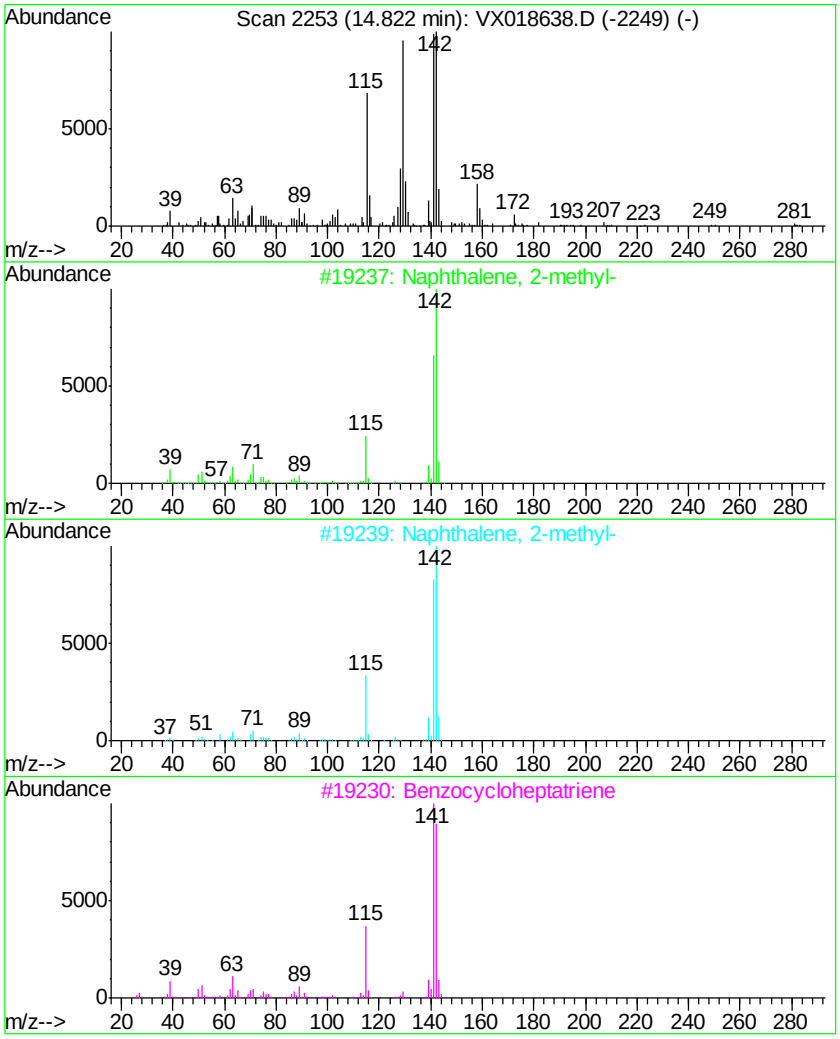
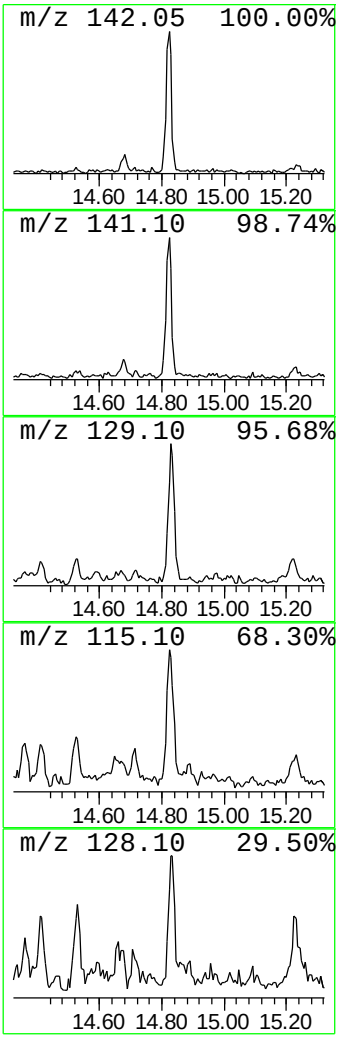
Peak Number 18 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	0.75 ug/L	197657	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	55
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	55
3	Benzocycloheptatriene	142	C11H10	000264-09-5	55
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	55
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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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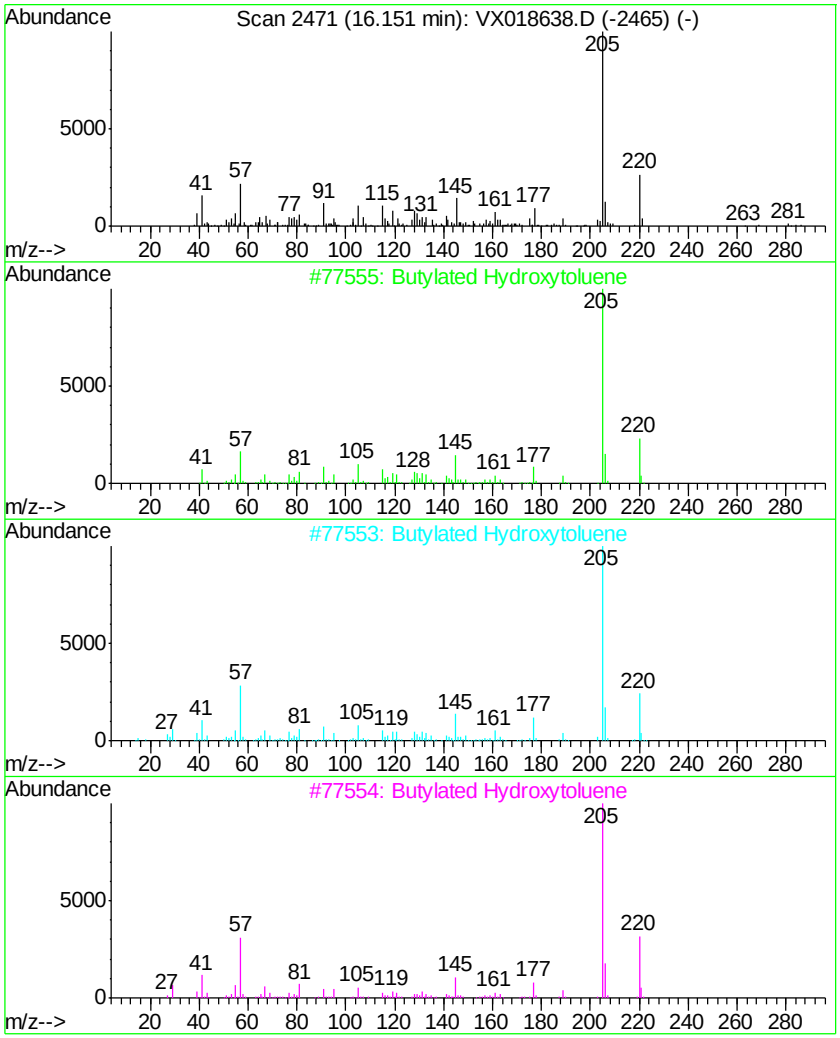
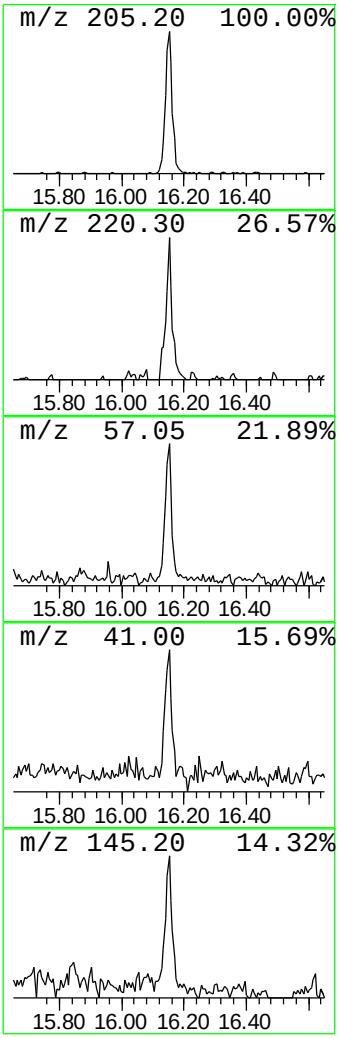
Peak Number 19 Butylated Hydroxytoluene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	0.61 ug/L	161035	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	90
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	90
4	Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	64
5	9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018638.D
Acq On : 29 Sep 2020 00:34
Operator : JC/SP
Sample : L4135-18
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG496

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	1.3	ug/L	222892	1	6.83	854045	5.0
(DEL) Alkane: Str...	2.87	1.1	ug/L	189249	1	6.83	854045	5.0
(DEL) Alkane: Str...	3.15	2.8	ug/L	485506	1	6.83	854045	5.0
(DEL) Alkane: Str...	3.50	0.9	ug/L	160496	1	6.83	854045	5.0
Diisopropyl ether	3.82	10.2	ug/L	1748930	1	6.83	854045	5.0
(DEL) Alkane: Cyc...	4.37	4.1	ug/L	705329	1	6.83	854045	5.0
Benzene, propyl-	11.34	0.5	ug/L	133014	3	12.06	1323490	5.0
unknown-01	11.45	0.7	ug/L	185601	3	12.06	1323490	5.0
Benzene, 1-ethyl-...	11.65	1.1	ug/L	286044	3	12.06	1323490	5.0
Indane	12.28	2.2	ug/L	576598	3	12.06	1323490	5.0
p-Cymene	12.65	0.6	ug/L	154144	3	12.06	1323490	5.0
3-Octanol, 3,6-di...	12.87	2.2	ug/L	571250	3	12.06	1323490	5.0
Benzene, 1,2,3,4-...	12.96	1.0	ug/L	252925	3	12.06	1323490	5.0
Benzene, (2-methy...	13.33	0.6	ug/L	155756	3	12.06	1323490	5.0
Naphthalene, 1,2,...	13.89	0.7	ug/L	180193	3	12.06	1323490	5.0
Naphthalene, 1,2,...	13.97	0.9	ug/L	226782	3	12.06	1323490	5.0
Naphthalene, 1-me...	14.82	0.8	ug/L	197657	3	12.06	1323490	5.0
Butylated Hydroxy...	16.15	0.6	ug/L	161035	3	12.06	1323490	5.0