LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
Data File : VX003798.D
Acq On : 01 Aug 2018 17:08
Operator : JC/SP
Sample : J4143-05
Misc : 11.19G/5.0mL/MSVOA X/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-01(3-5)

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\82X073018S.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	1.075	76	80	93	rBV	204833	261936	51.19%	4.795%
2	2.447	298	305	314	rBV	32531	50585	9.88%	0.926%
3	2.569	319	325	332	rBV	18057	29536	5.77%	0.541%
4	2.855	366	372	383	rVB	9642	19279	3.77%	0.353%
5	4.751	671	683	700	rBV	17819	59092	11.55%	1.082%
6	5.507	795	807	818	rBV	49555	137573	26.88%	2.519%
7	5.666	821	833	850	rVB	137923	388319	75.88%	7.109%
8	6.074	890	900	908	rBV	64940	164163	32.08%	3.005%
9	6.147	908	912	922	rVB	6097	13190	2.58%	0.241%
10	6.867	1020	1030	1043	rBV	213089	489942	95.74%	8.970%
11	8.720	1327	1334	1341	rBV	327851	503800	98.45%	9.223%
12	8.787	1341	1345	1351	rVB	3896	5750	1.12%	0.105%
13	9.336	1429	1435	1441	rBV	12162	23220	4.54%	0.425%
14	10.116	1557	1563	1573	rBV	390183	511739	100.00%	9.369%
15	10.256	1582	1586	1590	rVB	5229	6748	1.32%	0.124%
16	10.360	1597	1603	1609	rVB	4447	6157	1.20%	0.113%
17	11.140	1726	1731	1742	rBV	238285	292628	57.18%	5.357%
18	11.372	1762	1769	1775	rBV2	7889	14299	2.79%	0.262%
19	11.439	1775	1780	1781	rBV	9490	12052	2.36%	0.221%
20	11.457	1781	1783	1787	rVV	10073	11015	2.15%	0.202%
21	11.506	1787	1791	1795	rVV	14085	17713	3.46%	0.324%
22	11.671	1812	1818	1825	rBV	44873	57274	11.19%	1.049%
23	11.811	1837	1841	1846	rVB	12993	15932	3.11%	0.292%
24	12.030	1873	1877	1880	rBV	7417	8441	1.65%	0.155%
25	12.079	1880	1885	1891	rVV	323570	408864	79.90%	7.485%
26	12.146	1891	1896	1901	rVV	30401	36579	7.15%	0.670%
27	12.305	1913	1922	1928	rBV	29219	43687	8.54%	0.800%
28	12.378	1929	1934	1944	rVB2	15340	22757	4.45%	0.417%
29	12.475	1944	1950	1954	rBV3	5510	8463	1.65%	0.155%
30	12.591	1962	1969	1971	rBV2	8881	13393	2.62%	0.245%
31	12.609	1971	1972	1978	rVB	8567	7932	1.55%	0.145%
32	12.670	1978	1982	1986	rBV	22800	25802	5.04%	0.472%
33	12.756	1992	1996	2001	rBV2	22060	33215	6.49%	0.608%
34	12.811	2001	2005	2010	rVV2	11526	18995	3.71%	0.348%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
Data File : VX003798.D
Acq On : 01 Aug 2018 17:08
Operator : JC/SP
Sample : J4143-05
Misc : 11.19G/5.0mL/MSVOA X/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-01(3-5)

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\82X073018S.M
Title : SW846 8260

35	12.853	2010	2012	2017	rVV4	4115	5916	1.16%	0.108%
36	12.908	2017	2021	2025	rVB	10507	13261	2.59%	0.243%
37	12.981	2025	2033	2036	rBV	14727	19483	3.81%	0.357%
38	13.024	2036	2040	2046	rVV	29279	39301	7.68%	0.720%
39	13.097	2046	2052	2054	rVV2	5429	10395	2.03%	0.190%
40	13.152	2058	2061	2065	rVB2	8021	9441	1.84%	0.173%
41	13.225	2069	2073	2078	rVB	12508	16068	3.14%	0.294%
42	13.347	2084	2093	2099	rBV3	85571	143799	28.10%	2.633%
43	13.402	2099	2102	2109	rVB3	9072	11855	2.32%	0.217%
44	13.487	2109	2116	2120	rBV	62148	83322	16.28%	1.525%
45	13.603	2131	2135	2138	rBV	14445	18375	3.59%	0.336%
46	13.640	2138	2141	2149	rVB5	7691	14329	2.80%	0.262%
47	13.731	2149	2156	2161	rVB2	5882	11797	2.31%	0.216%
48	13.810	2165	2169	2171	rBV	12528	16915	3.31%	0.310%
49	13.835	2171	2173	2181	rVB	29878	42431	8.29%	0.777%
50	13.914	2181	2186	2191	rBV4	4097	7591	1.48%	0.139%
51	13.987	2195	2198	2202	rVB3	7402	9937	1.94%	0.182%
52	14.097	2210	2216	2218	rBV	5602	6398	1.25%	0.117%
53	14.134	2218	2222	2225	rBV2	8273	10720	2.09%	0.196%
54	14.188	2228	2231	2237	rBV4	6548	11976	2.34%	0.219%
55	14.280	2242	2246	2250	rVV2	28620	45120	8.82%	0.826%
56	14.316	2250	2252	2256	rVV	13329	16961	3.31%	0.311%
57	14.377	2256	2262	2268	rVV	32968	56712	11.08%	1.038%
58	14.432	2268	2271	2275	rVB2	8712	10616	2.07%	0.194%
59	14.585	2292	2296	2302	rVV3	8380	13148	2.57%	0.241%
60	14.658	2304	2308	2311	rVV	19557	26606	5.20%	0.487%
61	14.701	2311	2315	2326	rVB	52166	69325	13.55%	1.269%
62	14.841	2332	2338	2351	rBV	369690	460786	90.04%	8.436%
63	15.274	2401	2409	2414	rBV	9869	19039	3.72%	0.349%
64	15.328	2414	2418	2425	rVB8	4036	7935	1.55%	0.145%
65	15.420	2425	2433	2435	rBV	10811	17892	3.50%	0.328%
66	15.444	2435	2437	2441	rVB	11929	13265	2.59%	0.243%
67	15.481	2441	2443	2448	rVB2	11045	13346	2.61%	0.244%
68	15.554	2448	2455	2459	rBV	55574	95631	18.69%	1.751%
69	15.658	2467	2472	2473	rBV	7574	10973	2.14%	0.201%
70	15.688	2473	2477	2481	rVV	97184	155186	30.33%	2.841%
71	15.731	2481	2484	2491	rVV	37793	57282	11.19%	1.049%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080118\
Data File : VX003798.D
Acq On : 01 Aug 2018 17:08
Operator : JC/SP
Sample : J4143-05
Misc : 11.19G/5.0mL/MSVOA_X/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-01(3-5)

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\82X073018S.M
Title : SW846 8260

72	15.810	2493	2497	2504	rVB2	4277	7743	1.51%	0.142%
73	15.895	2505	2511	2513	rVV3	15913	27574	5.39%	0.505%
74	15.920	2513	2515	2525	rVB2	16860	28601	5.59%	0.524%
75	16.072	2535	2540	2547	rBV	10389	17486	3.42%	0.320%
76	16.176	2552	2557	2564	rBV2	3088	5441	1.06%	0.100%
77	16.420	2587	2597	2605	rBV	32671	62199	12.15%	1.139%

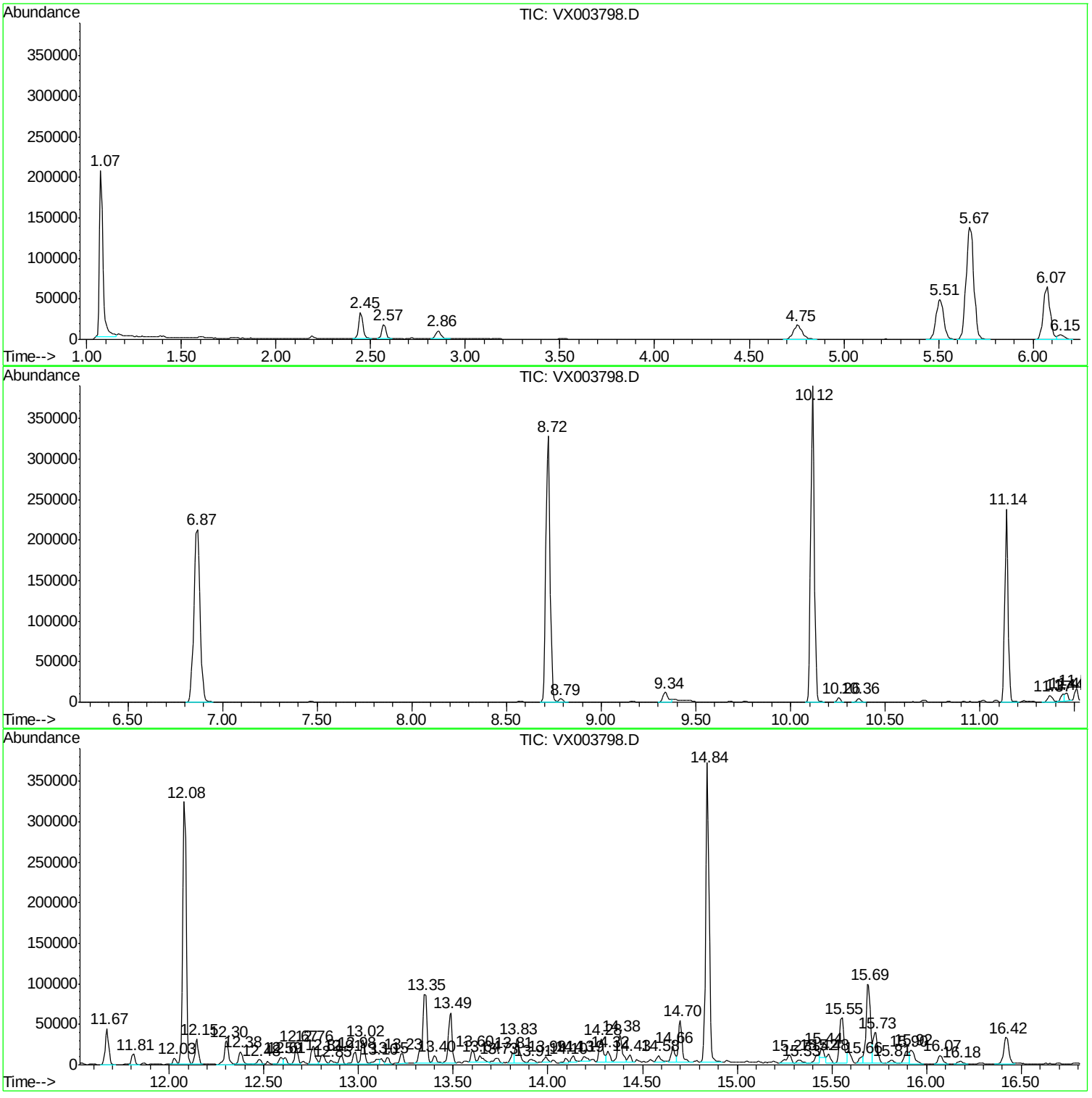
Sum of corrected areas: 5462247

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080118\
Data File : VX003798.D
Acq On : 01 Aug 2018 17:08
Operator : JC/SP
Sample : J4143-05
Misc : 11.19G/5.0mL/MSVOA_X/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW-01(3-5)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080118\
Data File : VX003798.D
Acq On : 01 Aug 2018 17:08
Operator : JC/SP
Sample : J4143-05
Misc : 11.19G/5.0mL/MSVOA_X/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-01(3-5)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260

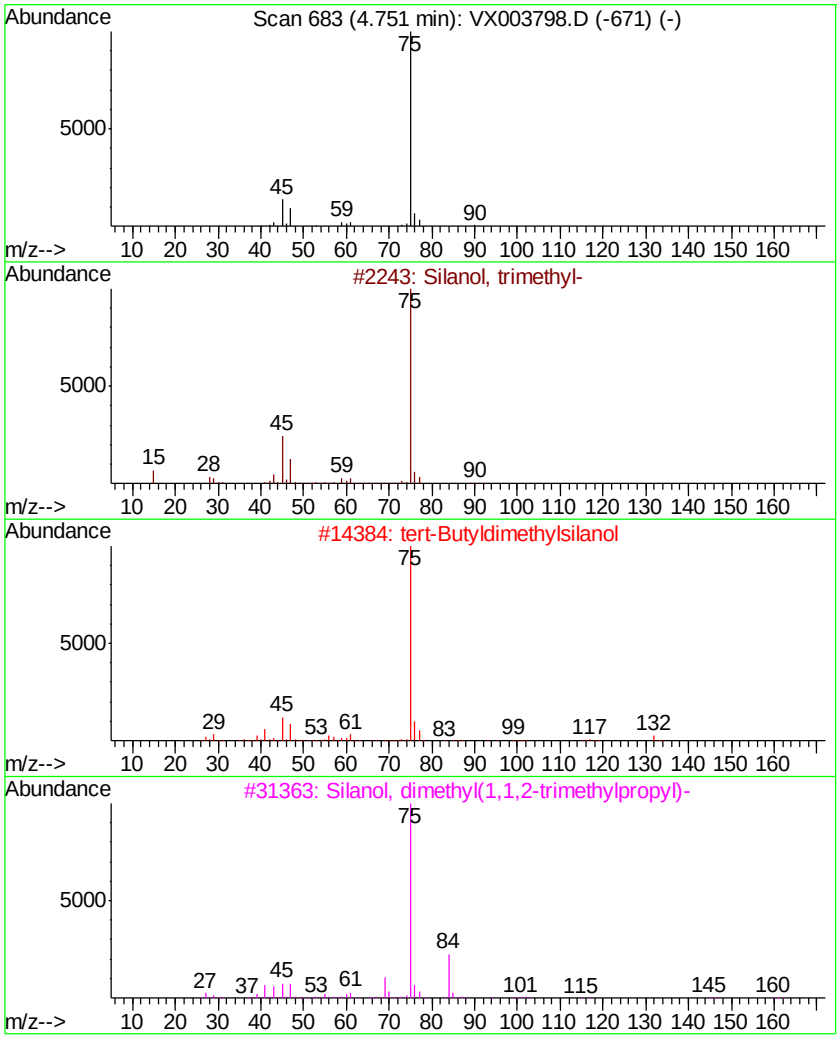
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

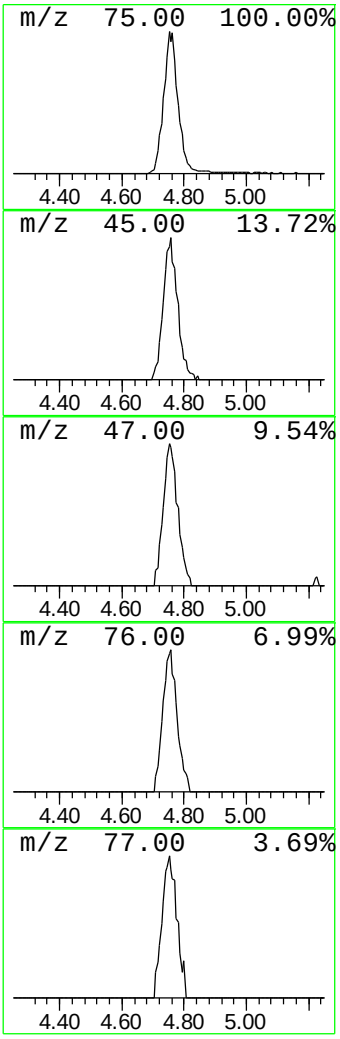
****

Peak Number 2 Silanol, trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	7.61 ug/l	59092	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	90
2	tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	64
3	Silanol, dimethyl(1,1,2-trimethy...	160	C8H20OSi	055644-10-5	64
4	Ethanol, 2-(trimethylsilyl)-	118	C5H14OSi	002916-68-9	64
5	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
Data File : VX003798.D
Acq On : 01 Aug 2018 17:08
Operator : JC/SP
Sample : J4143-05
Misc : 11.19G/5.0mL/MSVOA X/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-01(3-5)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260

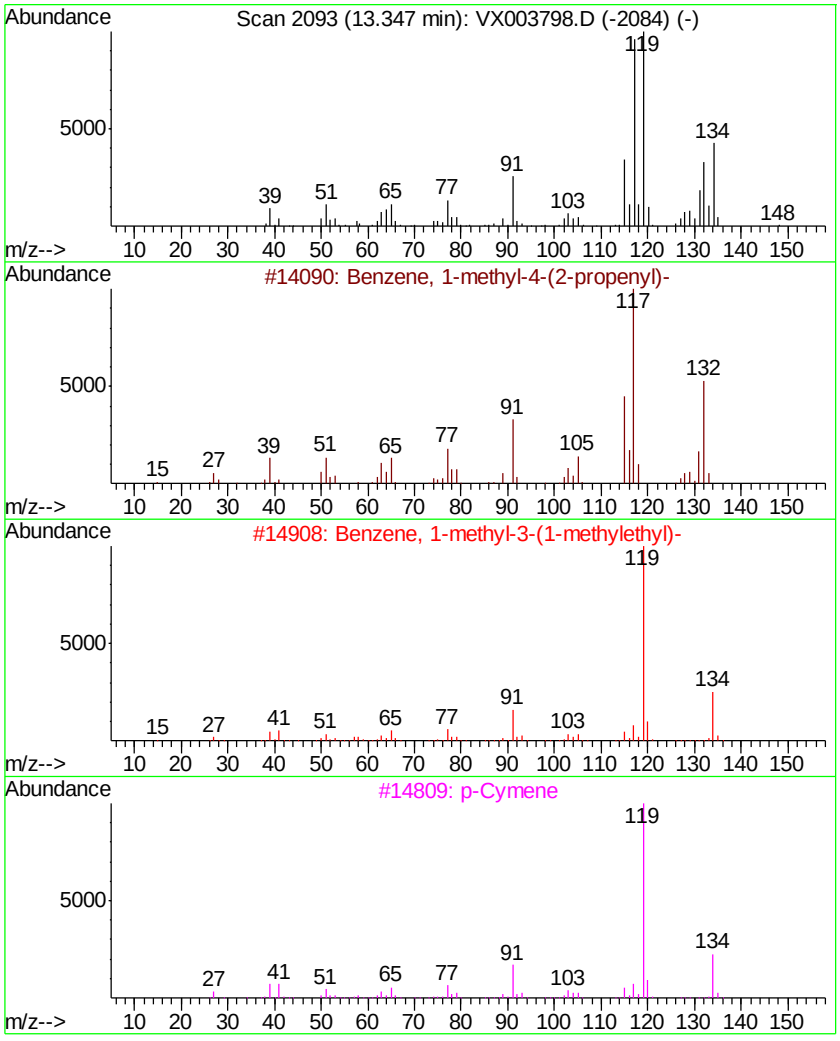
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

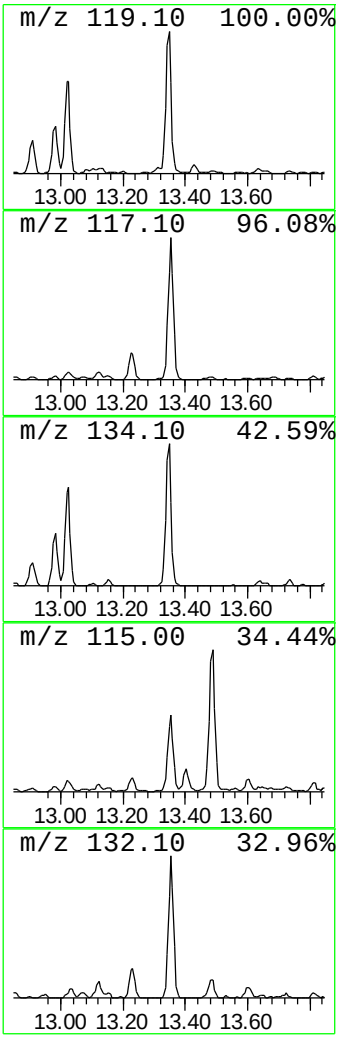
****

Peak Number 3 Benzene, 1-methyl-4-(2-prop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	17.59 ug/l	143799	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
3	p-Cymene	134	C10H14	000099-87-6	50
4	o-Cymene	134	C10H14	000527-84-4	50
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
Data File : VX003798.D
Acq On : 01 Aug 2018 17:08
Operator : JC/SP
Sample : J4143-05
Misc : 11.19G/5.0mL/MSVOA X/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-01(3-5)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260

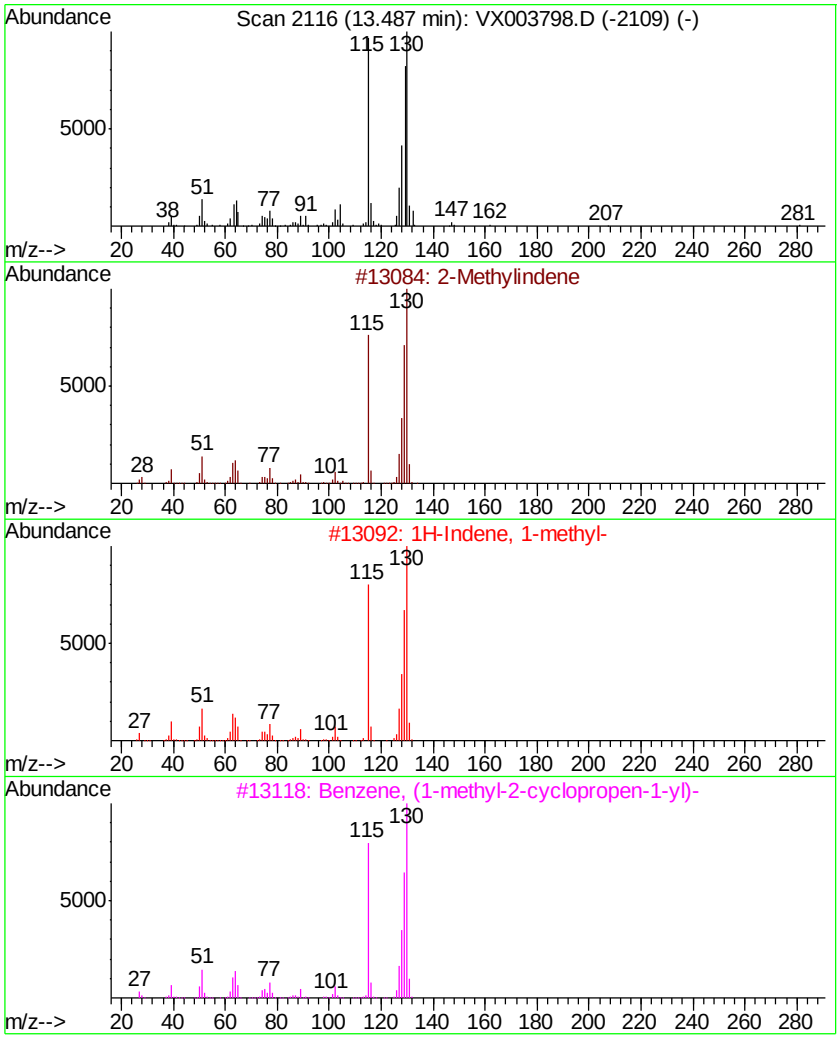
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

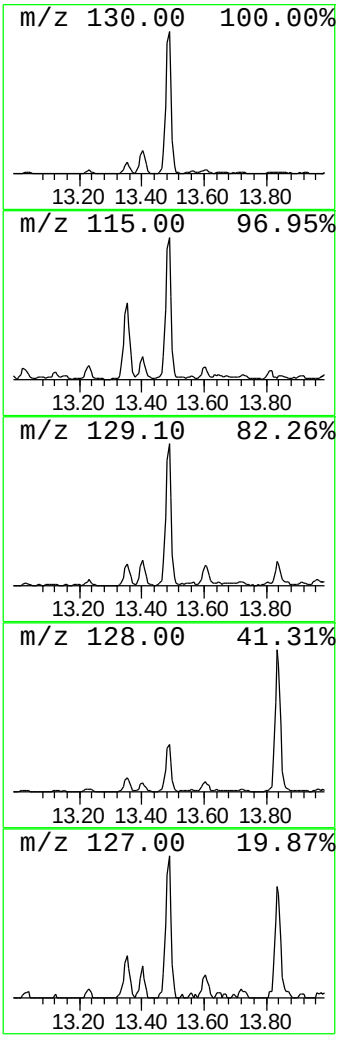
****

Peak Number 4 2-Methylindene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	10.19 ug/l	83322	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
Data File : VX003798.D
Acq On : 01 Aug 2018 17:08
Operator : JC/SP
Sample : J4143-05
Misc : 11.19G/5.0mL/MSVOA X/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-01(3-5)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260

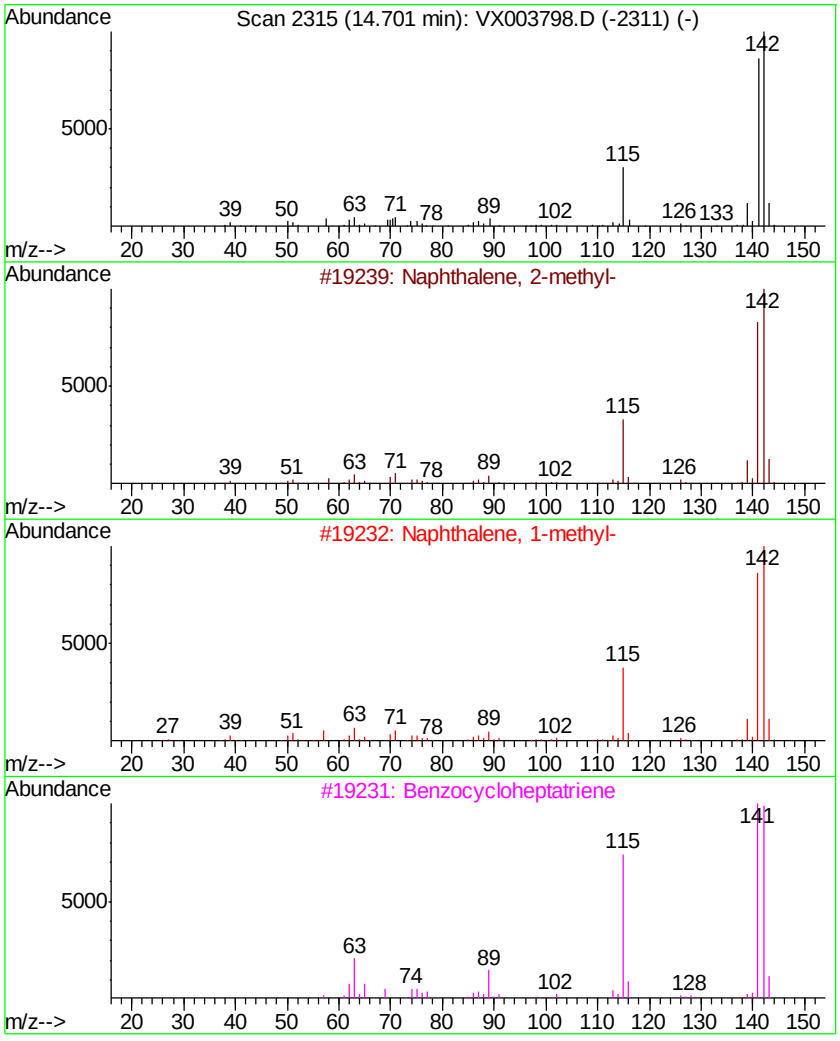
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

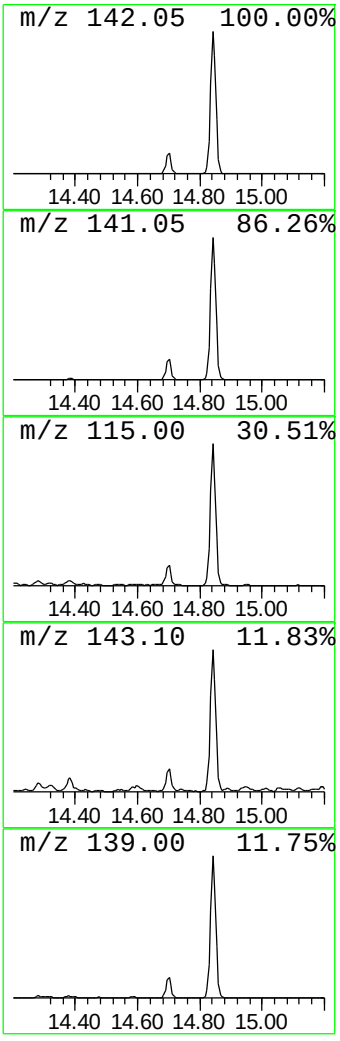
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	8.48 ug/l	69325	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080118\
Data File : VX003798.D
Acq On : 01 Aug 2018 17:08
Operator : JC/SP
Sample : J4143-05
Misc : 11.19G/5.0mL/MSVOA_X/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-01(3-5)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260

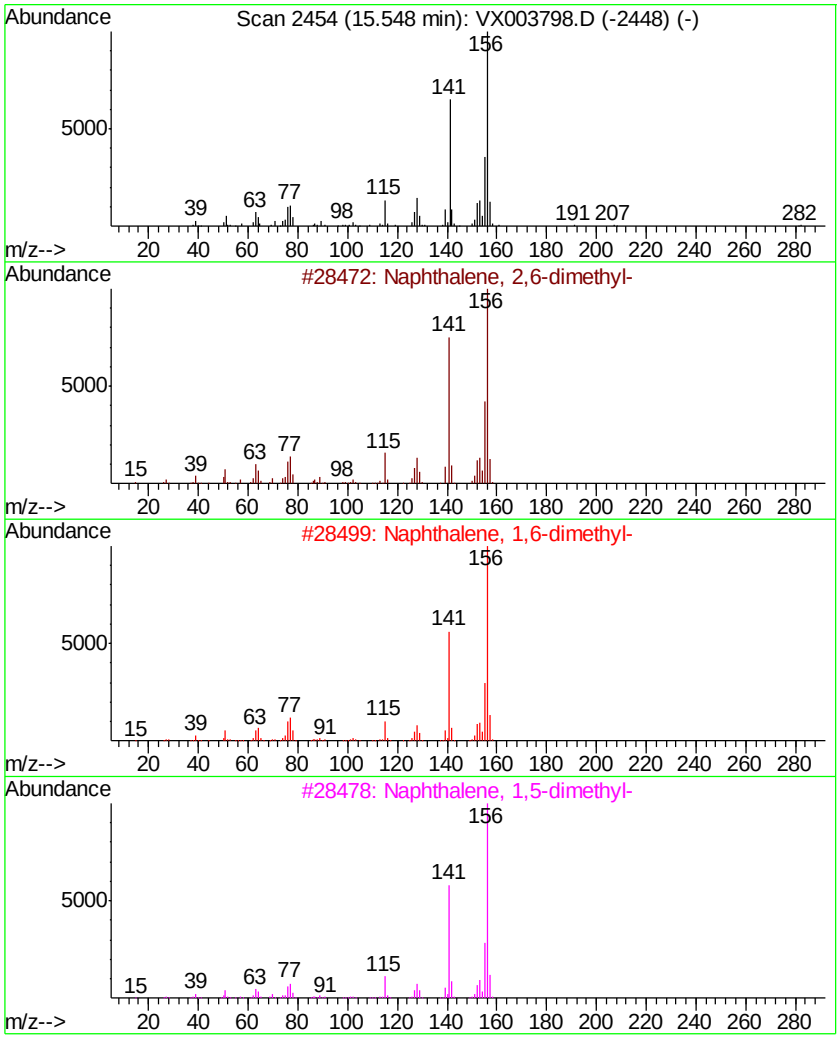
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

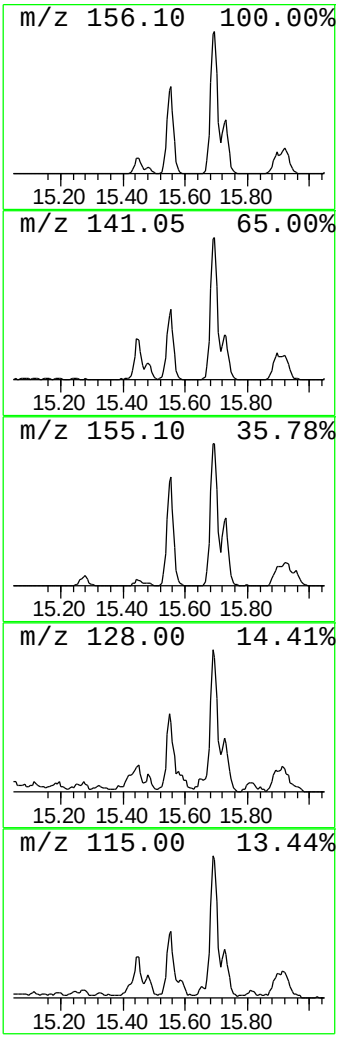
****

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	11.69 ug/l	95631	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080118\
Data File : VX003798.D
Acq On : 01 Aug 2018 17:08
Operator : JC/SP
Sample : J4143-05
Misc : 11.19G/5.0mL/MSVOA_X/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-01(3-5)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260

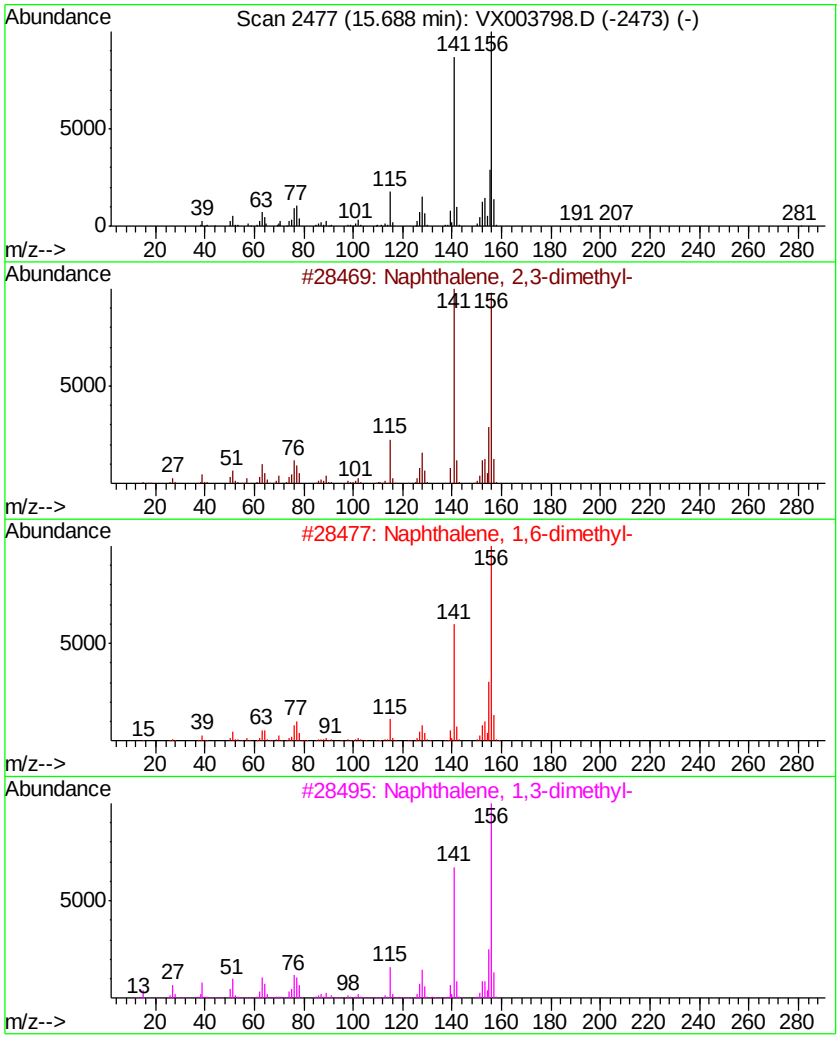
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

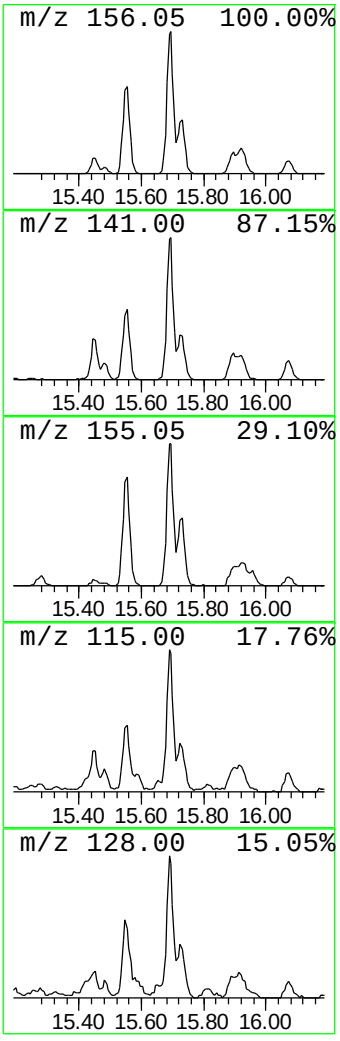
****

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	18.98 ug/l	155186	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
Data File : VX003798.D
Acq On : 01 Aug 2018 17:08
Operator : JC/SP
Sample : J4143-05
Misc : 11.19G/5.0mL/MSVOA X/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-01(3-5)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260

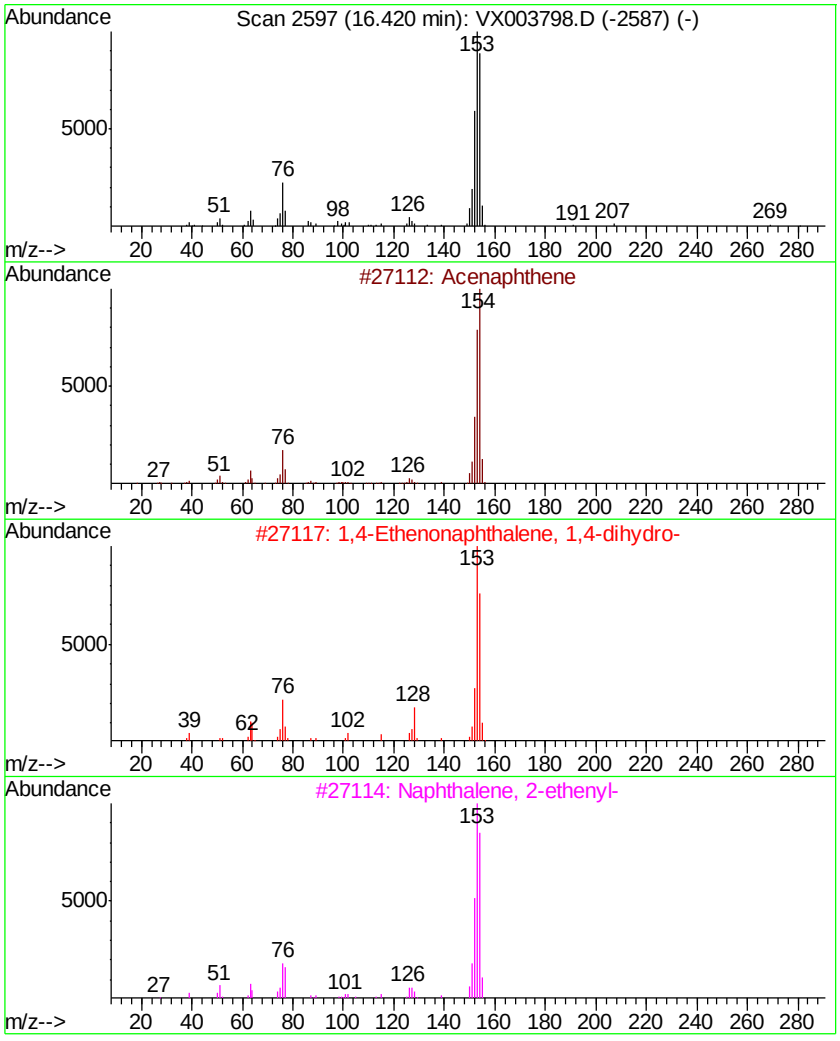
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

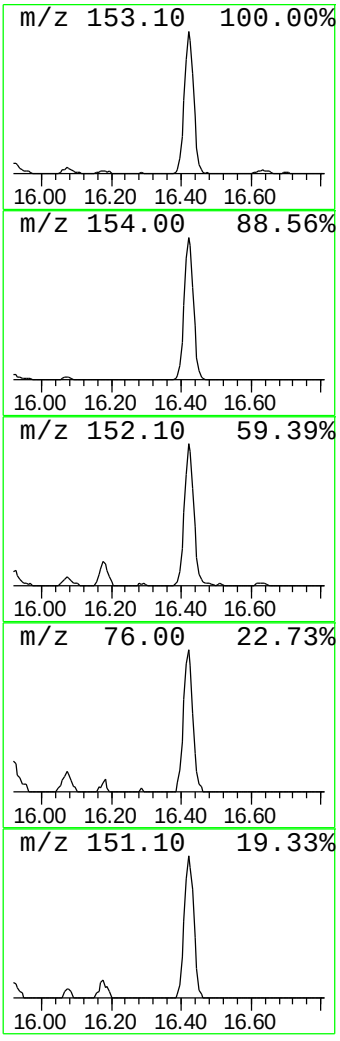
****

Peak Number 10 Acenaphthene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	7.61 ug/l	62199	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	93
2	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	59
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	53
4	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50
5	Biphenyl	154	C12H10	000092-52-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080118\
Data File : VX003798.D
Acq On : 01 Aug 2018 17:08
Operator : JC/SP
Sample : J4143-05
Misc : 11.19G/5.0mL/MSVOA_X/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW-01(3-5)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.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
Silanol, trimethyl-	4.75	7.6	ug/l	59092	1	5.67	388319	50.0
Benzene, 1-methyl...	13.35	17.6	ug/l	143799	4	12.08	408864	50.0
2-Methylindene	13.49	10.2	ug/l	83322	4	12.08	408864	50.0
Naphthalene, 1-me...	14.70	8.5	ug/l	69325	4	12.08	408864	50.0
Naphthalene, 2,6-...	15.55	11.7	ug/l	95631	4	12.08	408864	50.0
Naphthalene, 2,3-...	15.69	19.0	ug/l	155186	4	12.08	408864	50.0
Acenaphthene	16.42	7.6	ug/l	62199	4	12.08	408864	50.0