LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
Data File : VX003118.D
Acq On : 01 Jul 2018 09:59
Operator : JC/MD
Sample : J3799-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ULMW-02

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\82X062518W.M
Title : SW846 8260

Signal : TIC: VX003117.D

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	90	rBV	1632189	1983087	64.21%	7.035%
2	1.148	90	92	103	rVB2	30513	66796	2.16%	0.237%
3	1.319	108	120	146	rBV	648013	3088638	100.00%	10.957%
4	2.623	328	334	343	rBV2	44981	104686	3.39%	0.371%
5	5.507	795	807	823	rBV	188800	555087	17.97%	1.969%
6	5.665	823	833	848	rVB	277530	782394	25.33%	2.776%
7	6.074	890	900	920	rBV	193159	513094	16.61%	1.820%
8	6.866	1018	1030	1049	rBV	392226	931321	30.15%	3.304%
9	7.464	1117	1128	1139	rVB3	25268	64368	2.08%	0.228%
10	8.720	1328	1334	1343	rVB	962133	1473081	47.69%	5.226%
11	10.116	1557	1563	1570	rBV	854135	1112869	36.03%	3.948%
12	10.256	1580	1586	1591	rBV	31914	49499	1.60%	0.176%
13	10.360	1595	1603	1609	rVB2	55778	102786	3.33%	0.365%
14	10.646	1637	1650	1657	rBV6	25803	72213	2.34%	0.256%
15	10.841	1673	1682	1685	rBV2	36829	61204	1.98%	0.217%
16	10.915	1690	1694	1697	rVV3	29792	47171	1.53%	0.167%
17	11.018	1705	1711	1715	rBV	49554	70794	2.29%	0.251%
18	11.140	1725	1731	1736	rBV	888415	1122590	36.35%	3.982%
19	11.280	1750	1754	1762	rVB5	28678	51721	1.67%	0.183%
20	11.366	1763	1768	1771	rBV	72713	96958	3.14%	0.344%
21	11.439	1776	1780	1785	rBV	69325	95118	3.08%	0.337%
22	11.506	1785	1791	1795	rBV	74130	113661	3.68%	0.403%
23	11.677	1814	1819	1825	rBV4	35305	70162	2.27%	0.249%
24	11.774	1831	1835	1837	rVV	47551	61854	2.00%	0.219%
25	11.811	1837	1841	1851	rVB	525013	647327	20.96%	2.296%
26	11.951	1860	1864	1868	rVB	61490	84538	2.74%	0.300%
27	12.030	1874	1877	1880	rVB	47718	54413	1.76%	0.193%
28	12.079	1880	1885	1891	rBV	1060305	1343618	43.50%	4.766%
29	12.146	1891	1896	1900	rBV	171302	222497	7.20%	0.789%
30	12.305	1915	1922	1929	rBV2	211131	344463	11.15%	1.222%
31	12.378	1929	1934	1940	rVB3	155168	258103	8.36%	0.916%
32	12.463	1945	1948	1955	rVV2	47940	88930	2.88%	0.315%
33	12.524	1955	1958	1964	rVB4	40137	68132	2.21%	0.242%
34	12.591	1964	1969	1971	rBV	135016	189905	6.15%	0.674%

LSC Area Percent Report

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Sample : J3799-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ULMW-02

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\82X062518W.M
Title : SW846 8260

35	12.615	1971	1973	1976	rVV	114232	126541	4.10%	0.449%
36	12.670	1978	1982	1985	rVV	219364	261083	8.45%	0.926%
37	12.707	1985	1988	1991	rVV	40650	53899	1.75%	0.191%
38	12.756	1992	1996	2000	rVV	158967	262578	8.50%	0.931%
39	12.853	2009	2012	2014	rBV2	29634	37922	1.23%	0.135%
40	12.878	2014	2016	2018	rVV2	50066	59472	1.93%	0.211%
41	12.902	2018	2020	2024	rVB3	54647	67792	2.19%	0.240%
42	12.951	2024	2028	2029	rBV2	44560	53741	1.74%	0.191%
43	12.981	2029	2033	2036	rVV	174307	211385	6.84%	0.750%
44	13.024	2036	2040	2046	rVB	306432	415381	13.45%	1.474%
45	13.103	2046	2053	2055	rBV4	58296	117314	3.80%	0.416%
46	13.152	2059	2061	2066	rVB2	30107	33685	1.09%	0.119%
47	13.201	2066	2069	2071	rBV2	59135	76817	2.49%	0.273%
48	13.225	2071	2073	2077	rVB	100225	118025	3.82%	0.419%
49	13.268	2077	2080	2083	rVB4	36335	44490	1.44%	0.158%
50	13.317	2083	2088	2090	rBV3	97614	165750	5.37%	0.588%
51	13.353	2090	2094	2099	rVB2	558058	807334	26.14%	2.864%
52	13.402	2099	2102	2105	rBV3	45553	61590	1.99%	0.218%
53	13.432	2105	2107	2111	rVV2	52782	79651	2.58%	0.283%
54	13.481	2111	2115	2123	rVB	426993	635040	20.56%	2.253%
55	13.566	2124	2129	2132	rBV2	66134	106692	3.45%	0.378%
56	13.603	2132	2135	2138	rBV	120619	151800	4.91%	0.539%
57	13.646	2138	2142	2147	rVV3	169087	320718	10.38%	1.138%
58	13.701	2149	2151	2152	rVV	68652	66626	2.16%	0.236%
59	13.725	2152	2155	2160	rVB2	146995	226995	7.35%	0.805%
60	13.859	2174	2177	2180	rVB2	65828	81122	2.63%	0.288%
61	13.914	2180	2186	2191	rVB2	329833	474646	15.37%	1.684%
62	13.987	2191	2198	2202	rBV2	362892	507625	16.44%	1.801%
63	14.036	2202	2206	2208	rBV	65633	85301	2.76%	0.303%
64	14.097	2213	2216	2218	rVB3	49838	54220	1.76%	0.192%
65	14.133	2218	2222	2226	rBV2	158229	211225	6.84%	0.749%
66	14.292	2241	2248	2256	rVB3	431239	786742	25.47%	2.791%
67	14.383	2259	2263	2268	rBV	145057	194814	6.31%	0.691%
68	14.432	2268	2271	2276	rVB	227813	269774	8.73%	0.957%
69	14.481	2276	2279	2284	rVB4	63291	93549	3.03%	0.332%
70	14.542	2284	2289	2294	rBV2	517790	693524	22.45%	2.460%
71	14.676	2307	2311	2313	rBV2	456151	572673	18.54%	2.032%

LSC Area Percent Report

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ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ULMW-02

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
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Title : SW846 8260

72	14.731	2318	2320	2325	rVB2	228933	275968	8.93%	0.979%
73	14.792	2325	2330	2332	rBV2	84605	128714	4.17%	0.457%
74	14.816	2332	2334	2335	rVV	59117	52431	1.70%	0.186%
75	14.847	2335	2339	2342	rVV2	170861	262111	8.49%	0.930%
76	14.883	2342	2345	2347	rVV	148855	199305	6.45%	0.707%
77	14.908	2347	2349	2355	rVB2	160309	190856	6.18%	0.677%
78	14.969	2355	2359	2366	rBV3	129233	251336	8.14%	0.892%
79	15.115	2377	2383	2387	rBV3	63907	114967	3.72%	0.408%
80	15.255	2401	2406	2408	rBV	304150	455295	14.74%	1.615%
81	15.395	2425	2429	2433	rVB5	43391	74020	2.40%	0.263%
82	15.450	2433	2438	2441	rBV3	80796	132027	4.27%	0.468%
83	15.554	2451	2455	2460	rBV2	185267	305705	9.90%	1.084%
84	15.603	2460	2463	2468	rVV4	83662	169113	5.48%	0.600%
85	15.645	2468	2470	2473	rVV3	60050	90965	2.95%	0.323%
86	15.688	2473	2477	2481	rVV2	236659	415658	13.46%	1.475%
87	15.731	2481	2484	2492	rVB2	124513	212807	6.89%	0.755%
88	15.926	2513	2516	2521	rVB2	64453	89898	2.91%	0.319%
89	16.078	2537	2541	2545	rBV	43033	68685	2.22%	0.244%
90	16.176	2553	2557	2561	rBV3	26124	51050	1.65%	0.181%
91	16.755	2648	2652	2657	rVB	40923	67279	2.18%	0.239%

Sum of corrected areas: 28188804

LSC Report - Integrated Chromatogram

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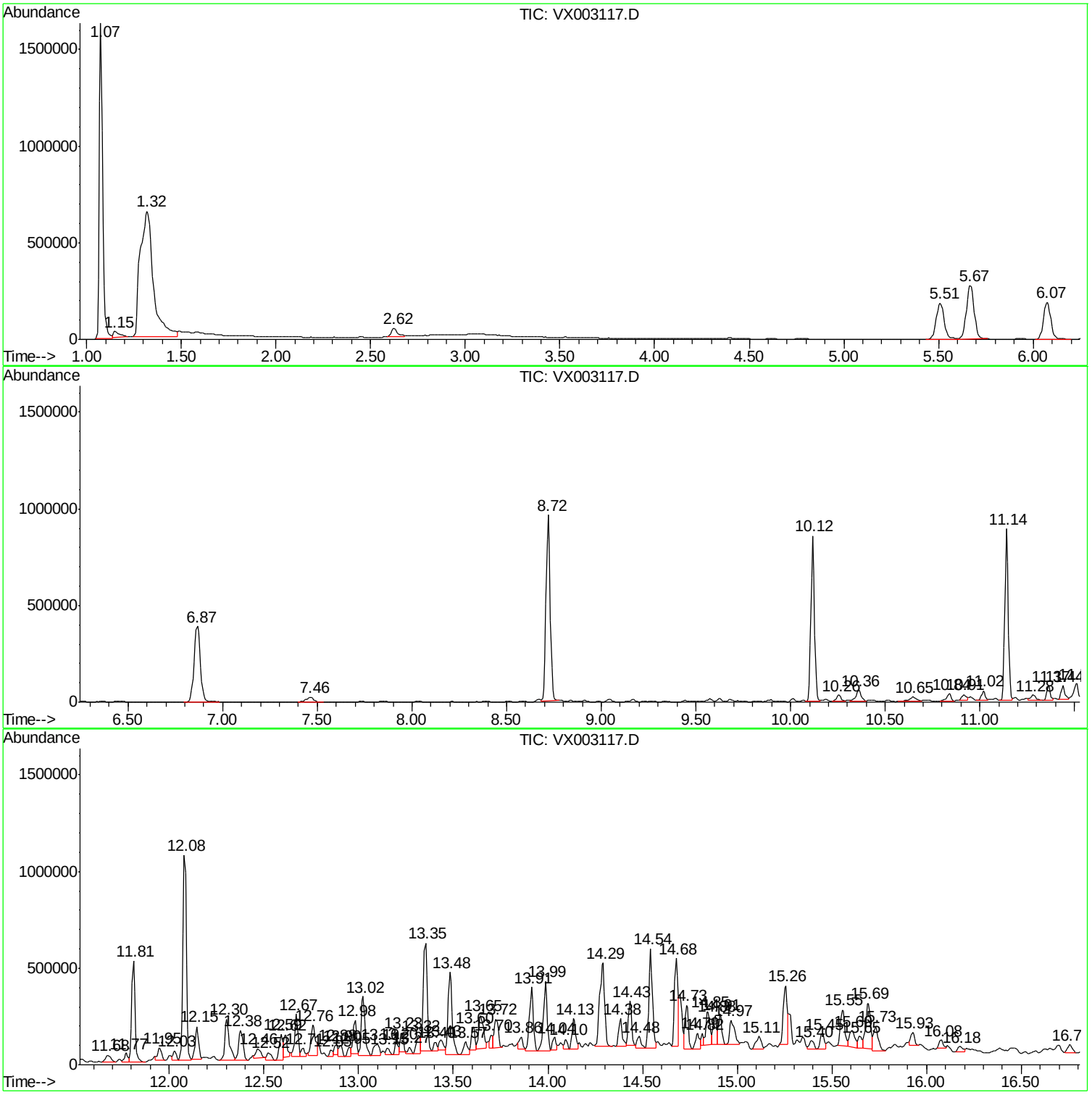
Acq On : 01 Jul 2018 09:59
Operator : JC/MD
Sample : J3799-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ULMW-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX063018\
Data File : VX003118.D
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Quant Title : SW846 8260

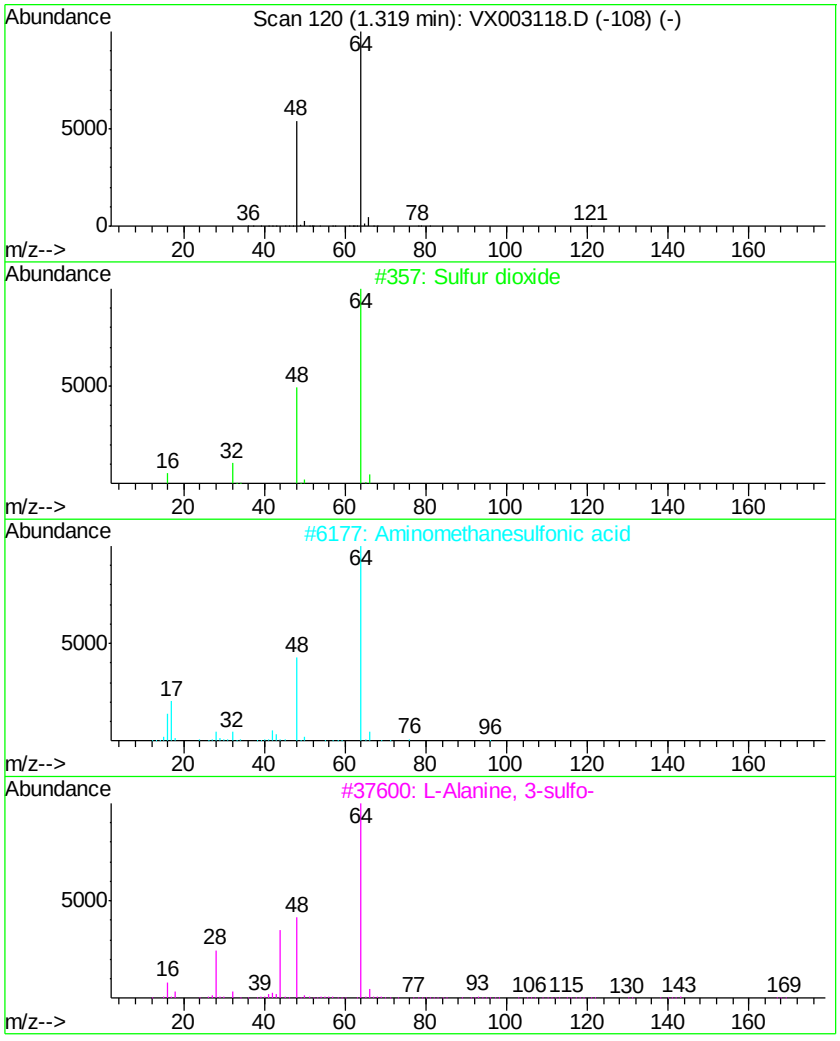
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

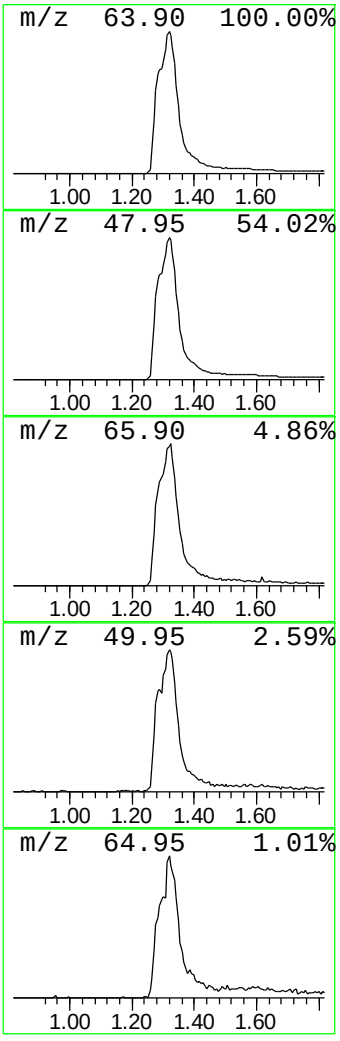
****

Peak Number 2 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.32	197.38 ug/l	3088640	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX063018\
Data File : VX003118.D
Acq On : 01 Jul 2018 09:59
Operator : JC/MD
Sample : J3799-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ULMW-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

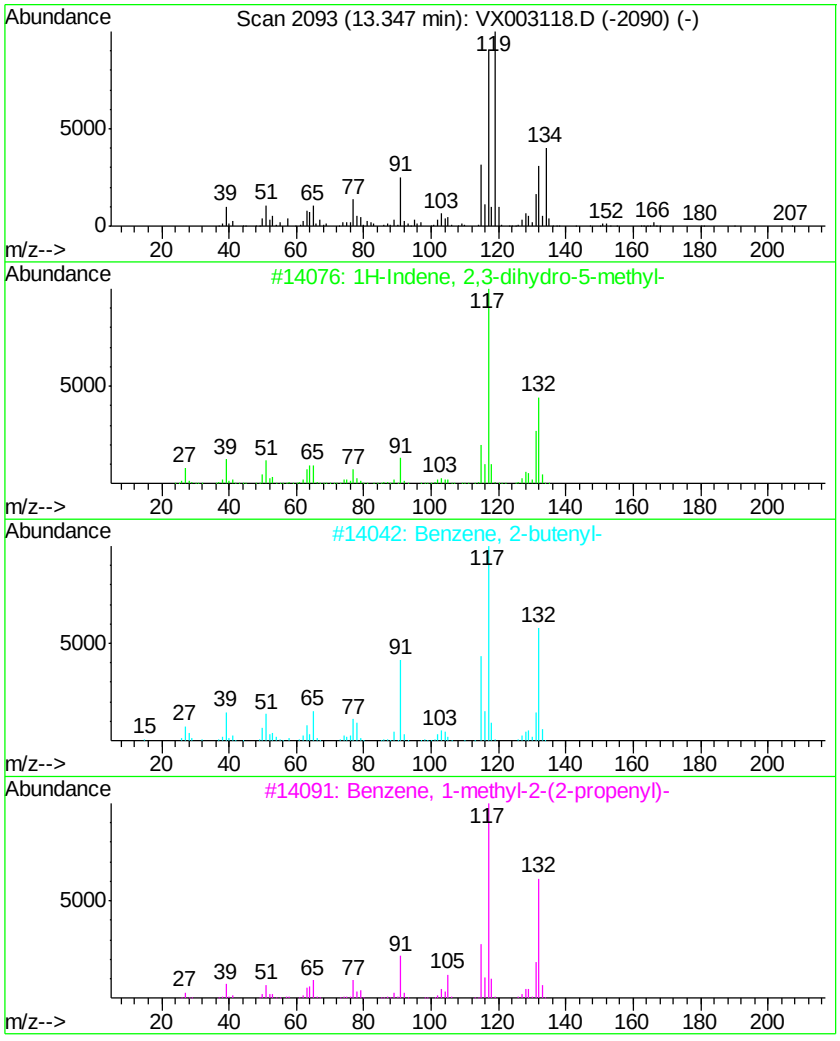
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

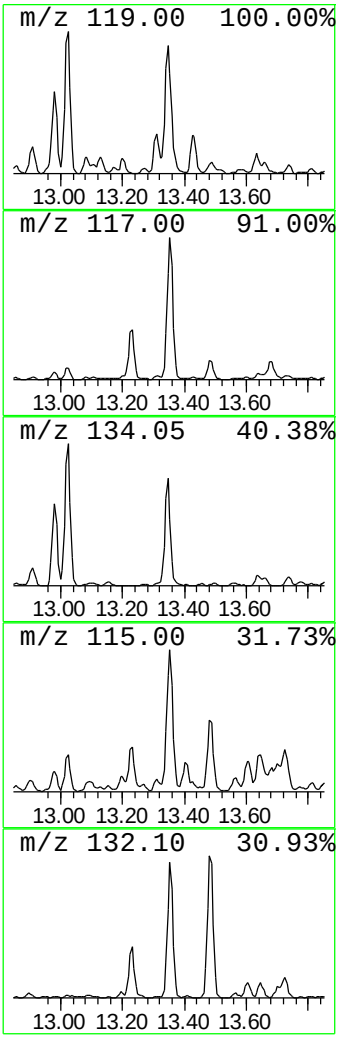
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	30.04 ug/l	807334	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	89
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
5	Indan, 1-methyl-	132	C10H12	000767-58-8	76





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Quant Title : SW846 8260

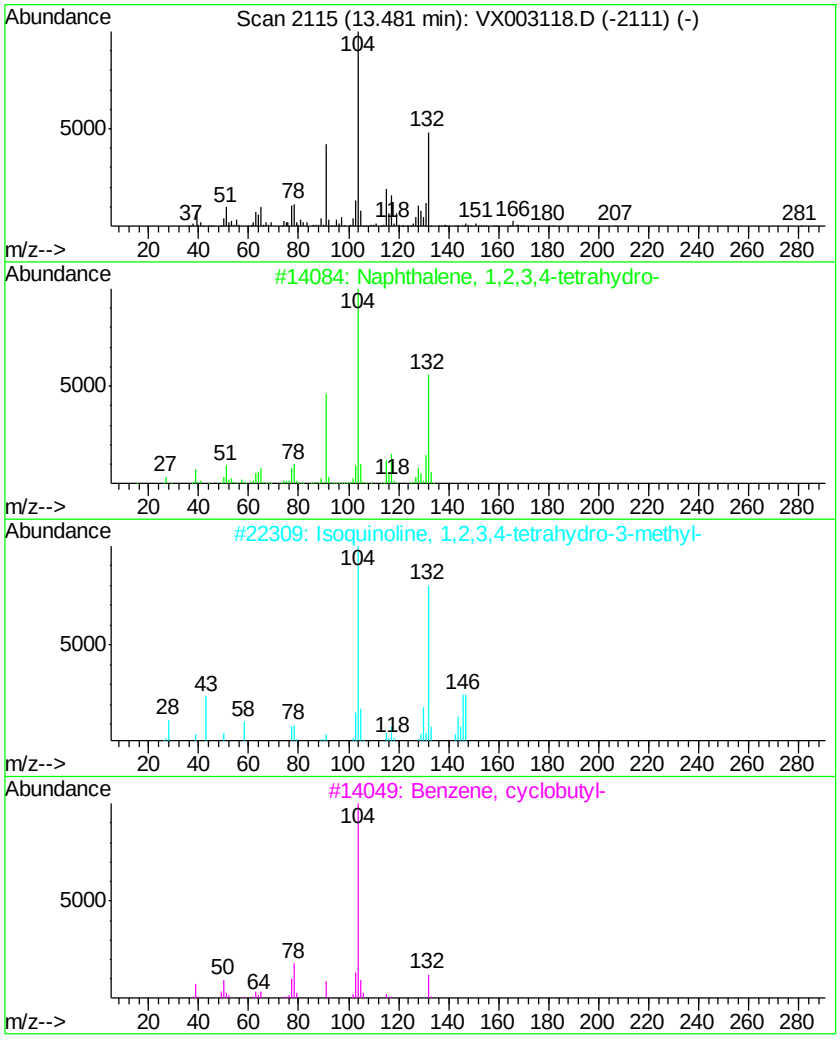
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

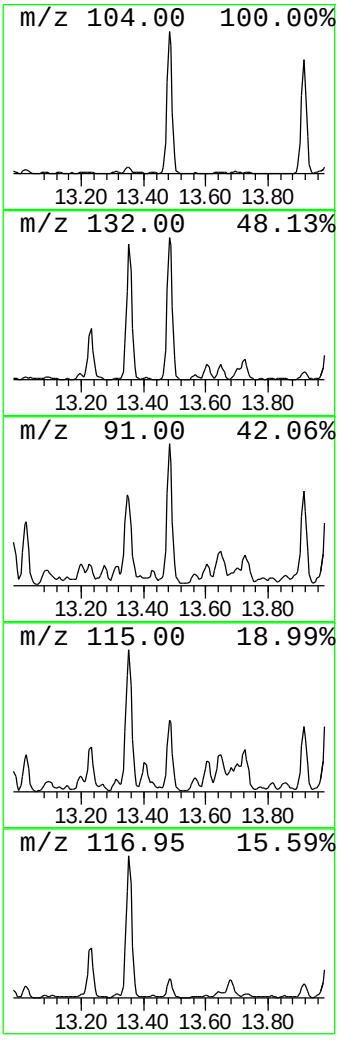
****

Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	23.63 ug/l	635040	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Isoquinoline, 1,2,3,4-tetrahydro...	147	C10H13N	029726-60-1	59
3	Benzene, cyclobutyl-	132	C10H12	004392-30-7	53
4	Indan, epoxide	132	C9H8O	000768-22-9	52
5	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	50





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Sample : J3799-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_X
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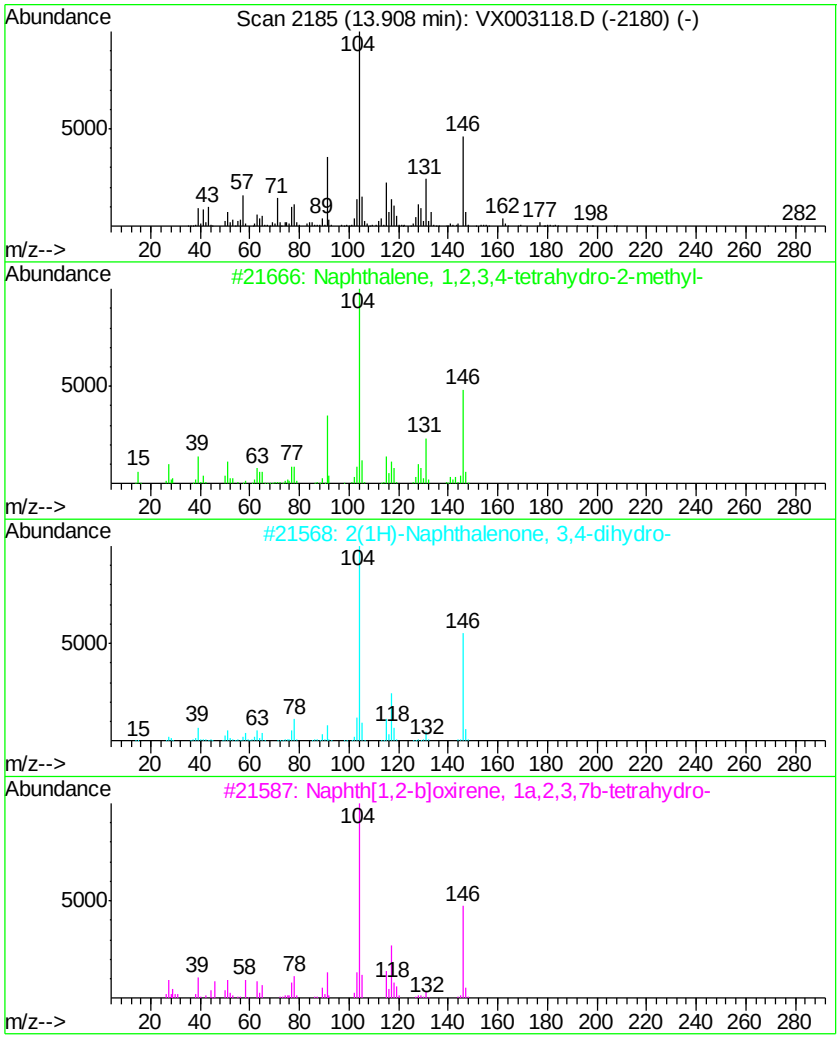
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

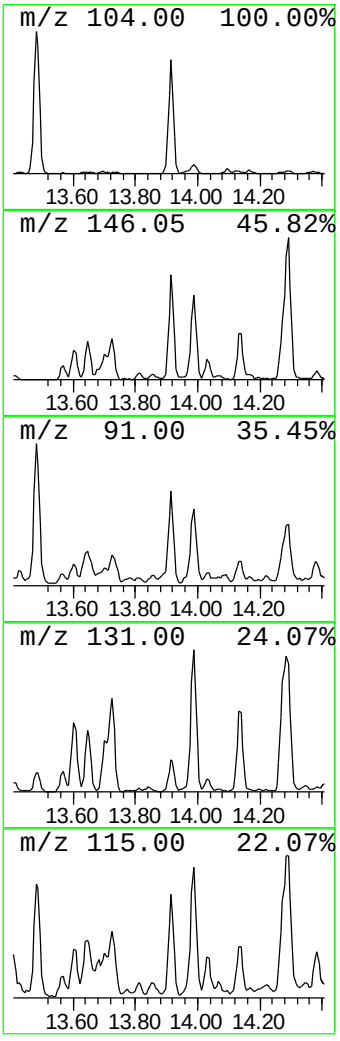
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	17.66 ug/l	474646	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	47
5	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	38





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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ULMW-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

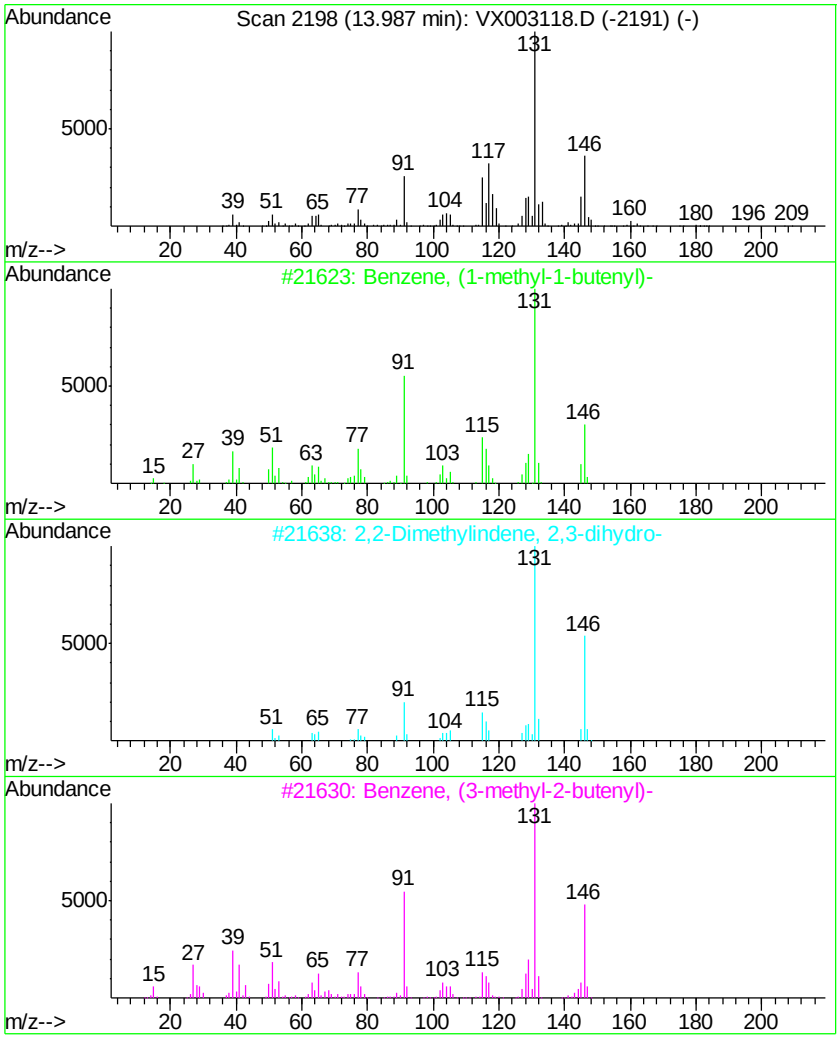
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

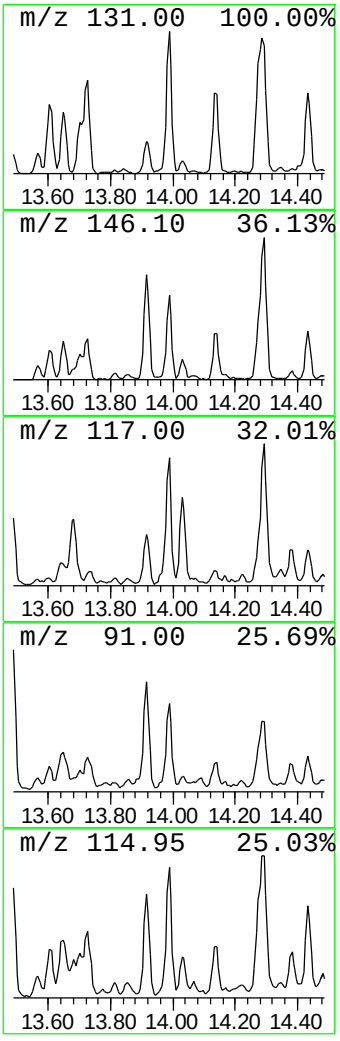
****

Peak Number 6 Benzene, (1-methyl-1-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	18.89 ug/l	507625	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	86
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	83
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81





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ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ULMW-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

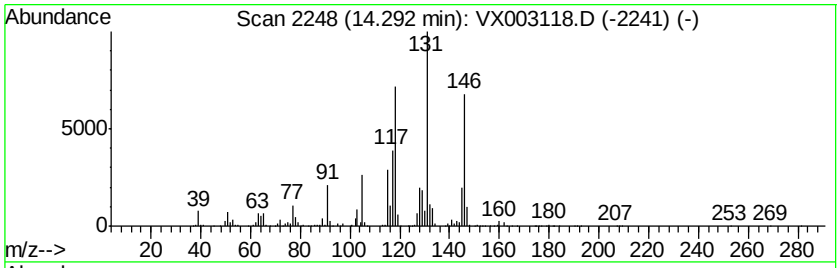
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

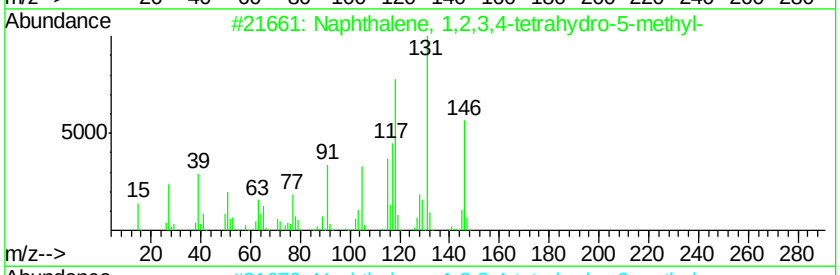
****

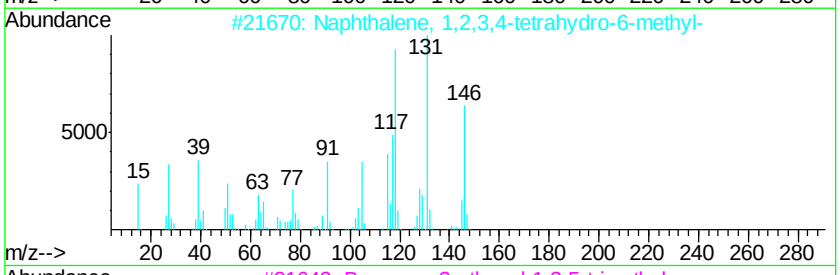
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

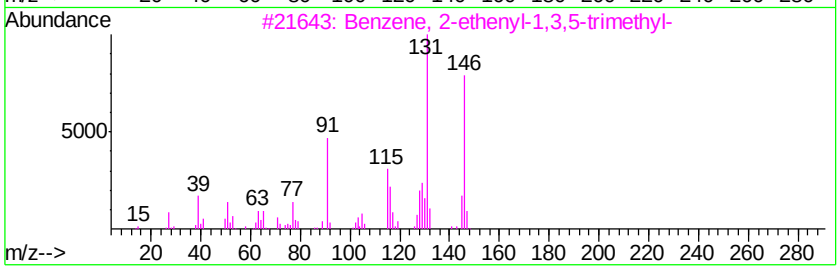
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	29.28 ug/l	786742	1,4-Dichlorobenzene-d4	12.08

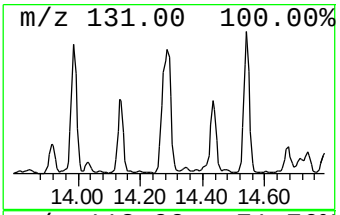
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	76
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64

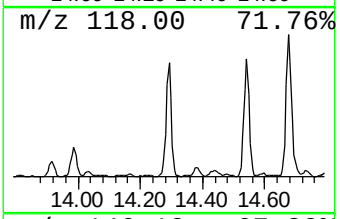


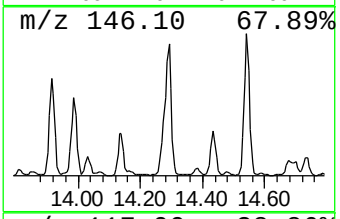


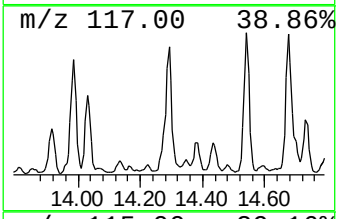


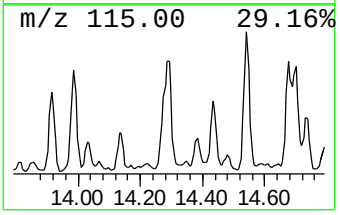












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX063018\
Data File : VX003118.D
Acq On : 01 Jul 2018 09:59
Operator : JC/MD
Sample : J3799-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ULMW-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

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

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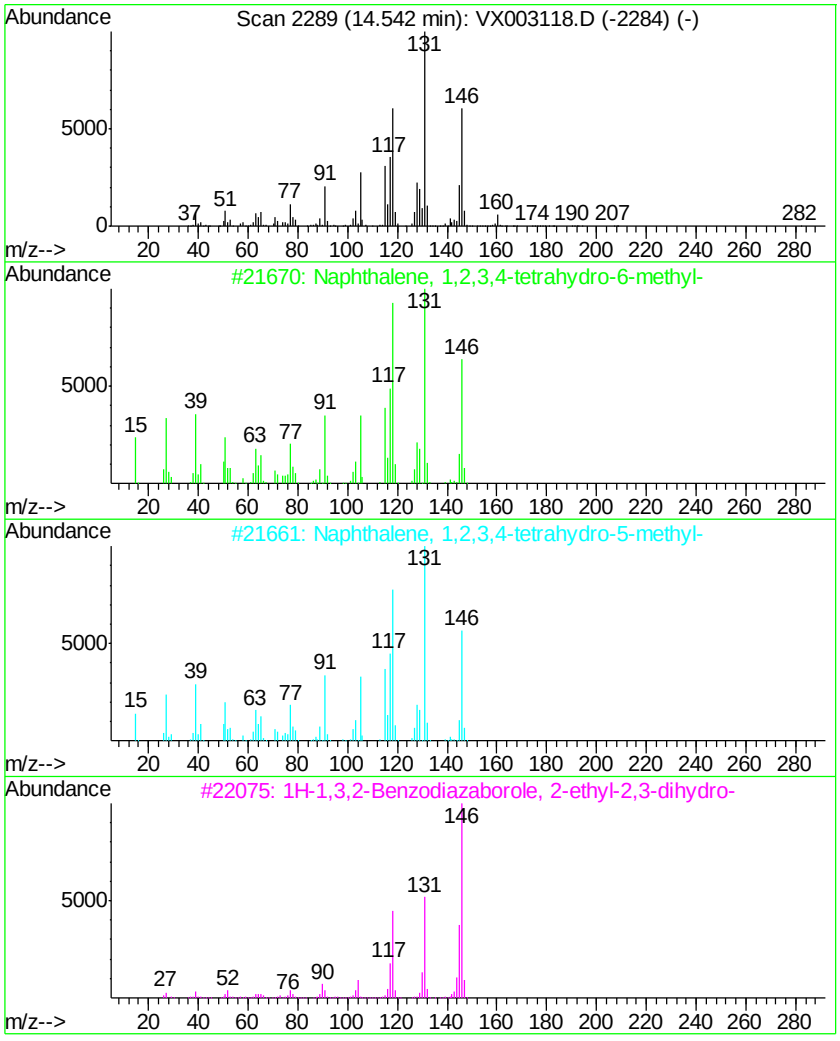
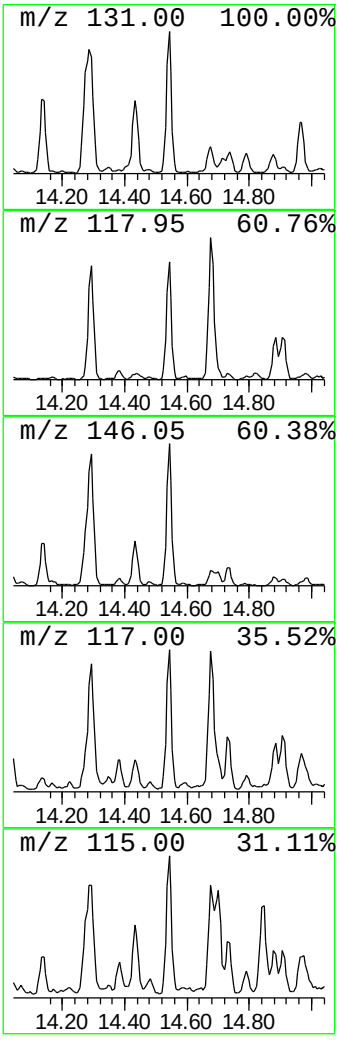
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	25.81 ug/l	693524	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	83
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX063018\
Data File : VX003118.D
Acq On : 01 Jul 2018 09:59
Operator : JC/MD
Sample : J3799-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ULMW-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

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

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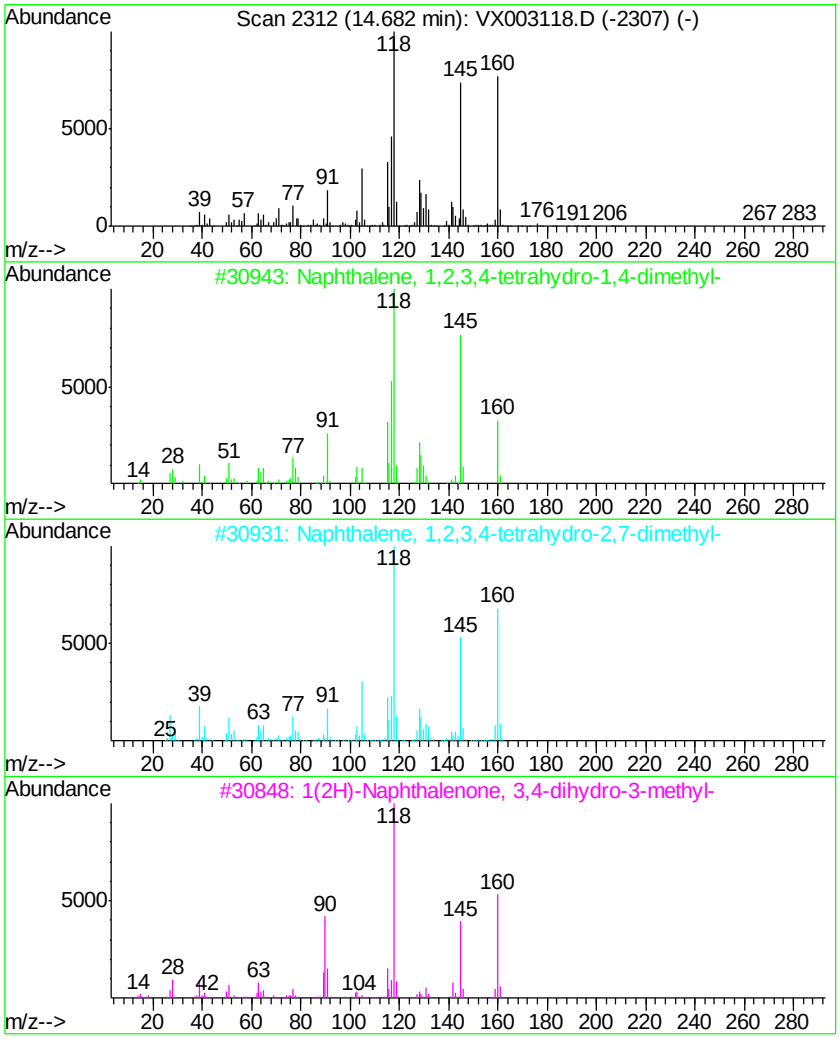
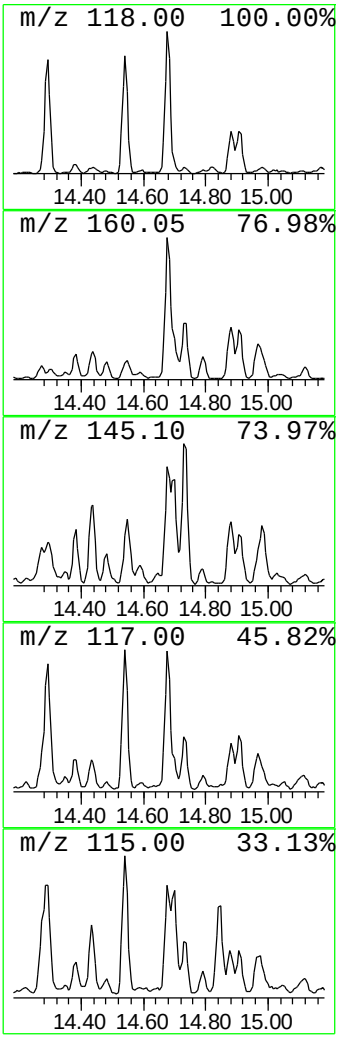
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	21.31 ug/l	572673	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
3	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	64
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX063018\
Data File : VX003118.D
Acq On : 01 Jul 2018 09:59
Operator : JC/MD
Sample : J3799-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ULMW-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

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

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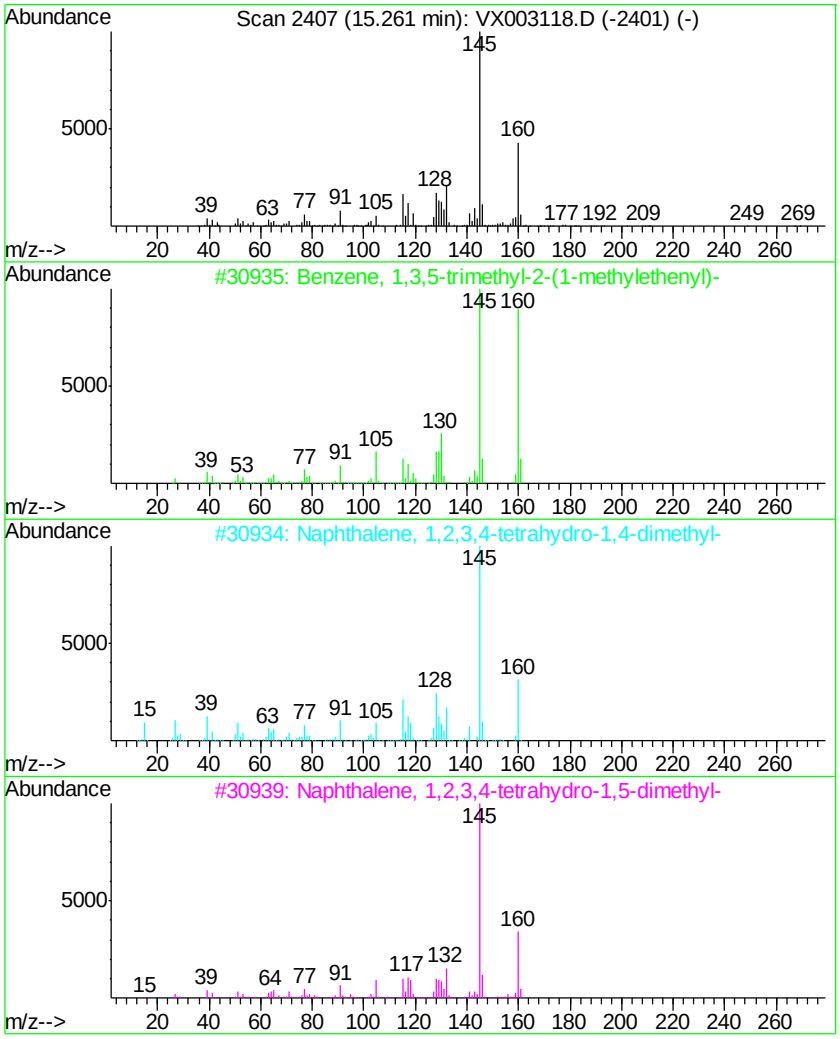
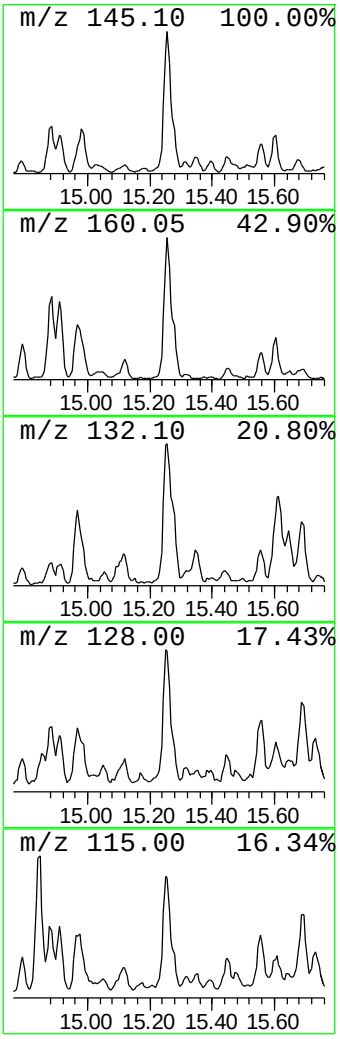
Peak Number 10 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	16.94 ug/l	455295	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX063018\
Data File : VX003118.D
Acq On : 01 Jul 2018 09:59
Operator : JC/MD
Sample : J3799-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ULMW-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.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
Sulfur dioxide	1.32	197.4	ug/l	3088640	1	5.67	782394	50.0
1H-Indene, 2,3-di...	13.35	30.0	ug/l	807334	4	12.08	1343620	50.0
Naphthalene, 1,2,...	13.48	23.6	ug/l	635040	4	12.08	1343620	50.0
Naphthalene, 1,2,...	13.91	17.7	ug/l	474646	4	12.08	1343620	50.0
Benzene, (1-methy...	13.99	18.9	ug/l	507625	4	12.08	1343620	50.0
Naphthalene, 1,2,...	14.29	29.3	ug/l	786742	4	12.08	1343620	50.0
Naphthalene, 1,2,...	14.54	25.8	ug/l	693524	4	12.08	1343620	50.0
Naphthalene, 1,2,...	14.68	21.3	ug/l	572673	4	12.08	1343620	50.0
Benzene, 1,3,5-tr...	15.26	16.9	ug/l	455295	4	12.08	1343620	50.0