LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
Data File : VW006525.D
Acq On : 31 Oct 2018 14:52
Operator : SY/AP
Sample : J5711-03
Misc : 6.21G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-3

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_W\METHOD\82W101518S.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	2.178	36	45	59	rBV	85853	151536	6.67%	0.433%
2	2.355	63	74	85	rVV	600531	1281127	56.38%	3.661%
3	2.453	85	90	100	rVV	83011	171264	7.54%	0.489%
4	2.575	103	110	126	rVB	53004	108066	4.76%	0.309%
5	2.867	151	158	168	rVB2	25505	49833	2.19%	0.142%
6	3.032	175	185	203	rBV	698680	1741268	76.62%	4.976%
7	3.300	221	229	235	rBV	134564	282156	12.42%	0.806%
8	3.385	235	243	258	rVB	969848	2272509	100.00%	6.495%
9	3.580	266	275	285	rVB	100340	230961	10.16%	0.660%
10	3.745	293	302	310	rBV	39620	98051	4.31%	0.280%
11	3.843	310	318	335	rVB	127469	332277	14.62%	0.950%
12	4.111	347	362	377	rBV4	17704	69784	3.07%	0.199%
13	4.775	451	471	481	rBV6	50187	214994	9.46%	0.614%
14	4.952	481	500	530	rVV3	262858	1395825	61.42%	3.989%
15	5.434	565	579	600	rBV	166033	566359	24.92%	1.619%
16	5.775	620	635	649	rBV3	48568	178280	7.85%	0.510%
17	5.940	649	662	676	rVB	366517	1089167	47.93%	3.113%
18	6.226	697	709	713	rBV3	22187	66372	2.92%	0.190%
19	6.287	713	719	732	rVB	37021	109336	4.81%	0.312%
20	6.531	749	759	769	rBV3	15595	70269	3.09%	0.201%
21	6.726	781	791	805	rVB3	22605	70788	3.11%	0.202%
22	6.867	805	814	822	rBV2	14223	43556	1.92%	0.124%
23	6.982	822	833	844	rBV	332366	967461	42.57%	2.765%
24	7.159	853	862	874	rVB3	8921	32956	1.45%	0.094%
25	7.696	943	950	958	rVB	66824	157865	6.95%	0.451%
26	7.952	973	992	1000	rBV5	440201	1534122	67.51%	4.384%
27	8.031	1000	1005	1017	rVB2	71500	193738	8.53%	0.554%
28	8.159	1017	1026	1032	rBV	202907	470262	20.69%	1.344%
29	8.220	1032	1036	1044	rVB	41329	92654	4.08%	0.265%
30	8.324	1044	1053	1062	rVB	564272	1312277	57.75%	3.750%
31	8.433	1062	1071	1078	rBV3	163657	431536	18.99%	1.233%
32	8.506	1078	1083	1088	rVV	111621	213064	9.38%	0.609%
33	8.573	1088	1094	1104	rVB	234675	552947	24.33%	1.580%
34	8.695	1104	1114	1127	rVB	434039	859297	37.81%	2.456%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
Data File : VW006525.D
Acq On : 31 Oct 2018 14:52
Operator : SY/AP
Sample : J5711-03
Misc : 6.21G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-3

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_W\METHOD\82W101518S.M
Title : SW846 8260

35	8.842	1127	1138	1144	rBV	207149	461473	20.31%	1.319%
36	9.116	1170	1183	1195	rVB6	18333	77495	3.41%	0.221%
37	9.336	1203	1219	1226	rBV	707689	1690287	74.38%	4.831%
38	9.518	1236	1249	1255	rBV	101307	195405	8.60%	0.558%
39	9.610	1255	1264	1271	rVB	96842	194839	8.57%	0.557%
40	9.750	1278	1287	1297	rVB2	133692	287980	12.67%	0.823%
41	9.854	1297	1304	1308	rBV2	54627	106814	4.70%	0.305%
42	9.903	1308	1312	1316	rVV2	48002	85121	3.75%	0.243%
43	9.957	1316	1321	1335	rVB2	233751	532321	23.42%	1.521%
44	10.098	1335	1344	1355	rBV2	139161	339380	14.93%	0.970%
45	10.207	1355	1362	1366	rBV3	61793	120814	5.32%	0.345%
46	10.323	1374	1381	1386	rBV	570589	1086515	47.81%	3.105%
47	10.390	1386	1392	1398	rVV	969609	1821881	80.17%	5.207%
48	10.445	1398	1401	1404	rVV3	59157	103570	4.56%	0.296%
49	10.506	1404	1411	1418	rVV2	467400	904506	39.80%	2.585%
50	10.622	1425	1430	1433	rVV3	44910	83525	3.68%	0.239%
51	10.665	1433	1437	1444	rVB	155033	275799	12.14%	0.788%
52	10.756	1444	1452	1459	rBV3	102806	268882	11.83%	0.768%
53	10.847	1463	1467	1472	rVB2	33929	58178	2.56%	0.166%
54	10.939	1472	1482	1487	rBV	84398	157246	6.92%	0.449%
55	11.036	1487	1498	1505	rBV5	39946	161781	7.12%	0.462%
56	11.110	1505	1510	1513	rVV2	54930	92656	4.08%	0.265%
57	11.146	1513	1516	1517	rVV2	53783	69138	3.04%	0.198%
58	11.183	1517	1522	1526	rVV	178519	321303	14.14%	0.918%
59	11.232	1526	1530	1536	rVV	226123	397490	17.49%	1.136%
60	11.286	1536	1539	1543	rVV4	35468	52387	2.31%	0.150%
61	11.335	1543	1547	1552	rVB2	80301	136772	6.02%	0.391%
62	11.439	1552	1564	1572	rVB5	89880	311085	13.69%	0.889%
63	11.518	1572	1577	1581	rBV	94187	155363	6.84%	0.444%
64	11.555	1581	1583	1590	rVB3	22403	36027	1.59%	0.103%
65	11.634	1590	1596	1602	rBV	240754	400931	17.64%	1.146%
66	11.731	1607	1612	1617	rVV	270424	467854	20.59%	1.337%
67	11.841	1621	1630	1640	rVV2	705510	1580117	69.53%	4.516%
68	11.920	1640	1643	1648	rVB3	69727	112806	4.96%	0.322%
69	12.036	1657	1662	1666	rBV3	19451	40240	1.77%	0.115%
70	12.170	1673	1684	1691	rBV2	249074	590718	25.99%	1.688%
71	12.256	1691	1698	1702	rVB2	46993	99296	4.37%	0.284%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
Data File : VW006525.D
Acq On : 31 Oct 2018 14:52
Operator : SY/AP
Sample : J5711-03
Misc : 6.21G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-3

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_W\METHOD\82W101518S.M
Title : SW846 8260

72	12.305	1702	1706	1707	rBV3	28930	38386	1.69%	0.110%
73	12.341	1708	1712	1716	rBV	80235	141014	6.21%	0.403%
74	12.469	1728	1733	1737	rVB	48851	73096	3.22%	0.209%
75	12.622	1752	1758	1766	rBV	252751	425691	18.73%	1.217%
76	12.701	1767	1771	1776	rVB4	29545	48997	2.16%	0.140%
77	12.804	1780	1788	1793	rVB2	88712	226917	9.99%	0.649%
78	12.872	1793	1799	1802	rBV	156618	259496	11.42%	0.742%
79	12.908	1802	1805	1807	rVV	79884	127736	5.62%	0.365%
80	12.945	1807	1811	1817	rVB3	108266	215501	9.48%	0.616%
81	13.109	1830	1838	1844	rVB	85026	171662	7.55%	0.491%
82	13.176	1845	1849	1857	rVB5	26975	65021	2.86%	0.186%
83	13.256	1857	1862	1867	rBV	178011	281418	12.38%	0.804%
84	13.384	1878	1883	1888	rVV4	25637	49331	2.17%	0.141%
85	13.451	1888	1894	1898	rVV4	38061	72299	3.18%	0.207%
86	13.560	1907	1912	1922	rVB2	232346	458182	20.16%	1.309%
87	13.725	1934	1939	1942	rBV	66318	102851	4.53%	0.294%
88	13.762	1942	1945	1949	rVB2	68542	96875	4.26%	0.277%
89	13.884	1960	1965	1971	rBV2	76267	125037	5.50%	0.357%
90	14.103	1996	2001	2007	rVB	45389	73234	3.22%	0.209%
91	14.213	2013	2019	2025	rVB2	103149	175997	7.74%	0.503%
92	14.274	2025	2029	2035	rVB7	15299	33000	1.45%	0.094%
93	14.390	2045	2048	2051	rVV3	28723	45228	1.99%	0.129%
94	14.426	2051	2054	2058	rVB2	39726	56127	2.47%	0.160%
95	14.505	2063	2067	2070	rBV	26458	38277	1.68%	0.109%
96	14.548	2070	2074	2081	rVB5	31179	59754	2.63%	0.171%
97	14.707	2094	2100	2103	rBV4	33554	69185	3.04%	0.198%
98	14.804	2110	2116	2123	rBV5	26905	75298	3.31%	0.215%
99	15.078	2155	2161	2165	rBV3	33257	60322	2.65%	0.172%
100	15.670	2250	2258	2264	rBV4	13607	35102	1.54%	0.100%

Sum of corrected areas: 34990986

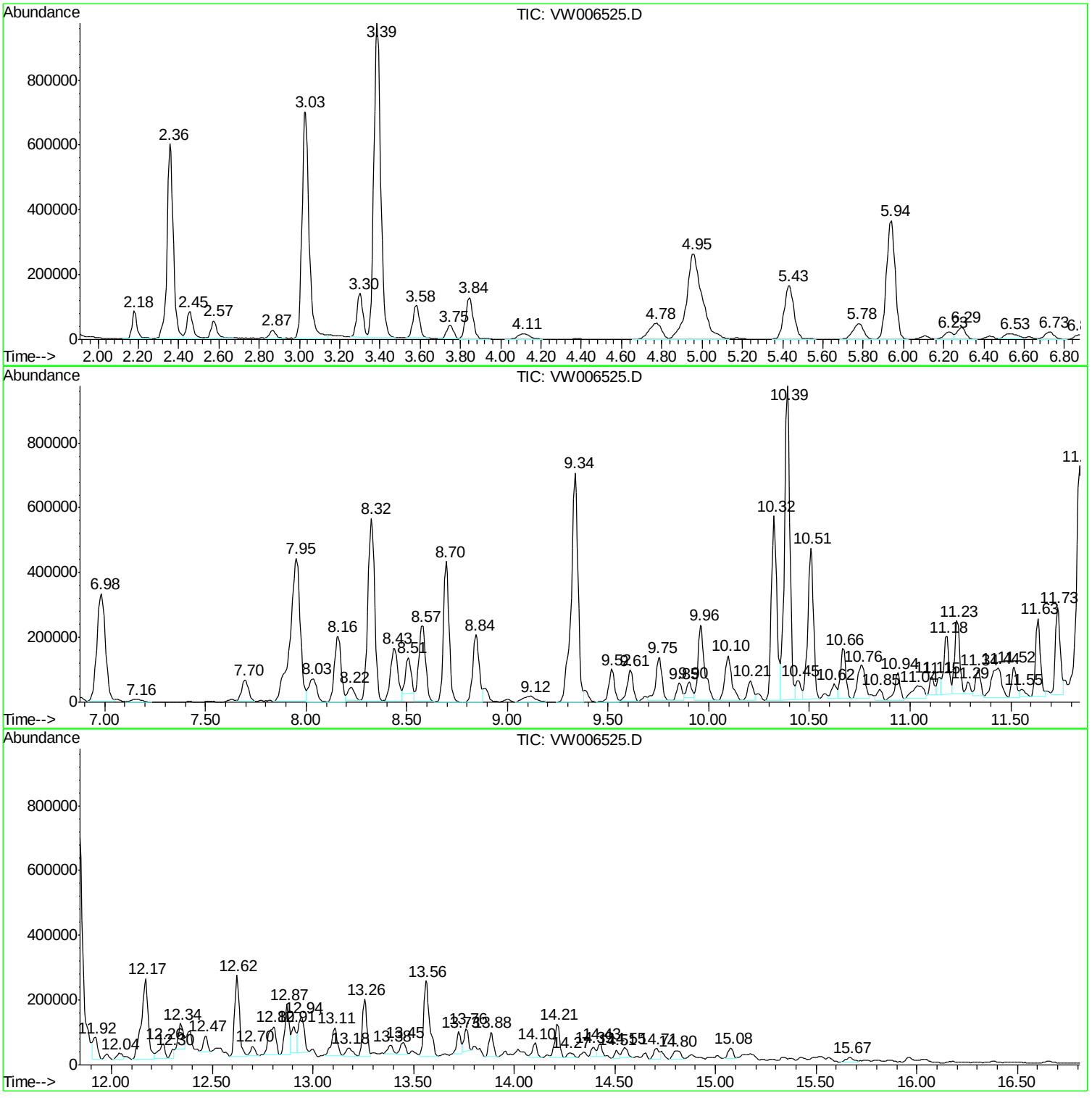
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
Data File : VW006525.D
Acq On : 31 Oct 2018 14:52
Operator : SY/AP
Sample : J5711-03
Misc : 6.21G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.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 W\DATA\VW110118\
Data File : VW006525.D
Acq On : 31 Oct 2018 14:52
Operator : SY/AP
Sample : J5711-03
Misc : 6.21G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

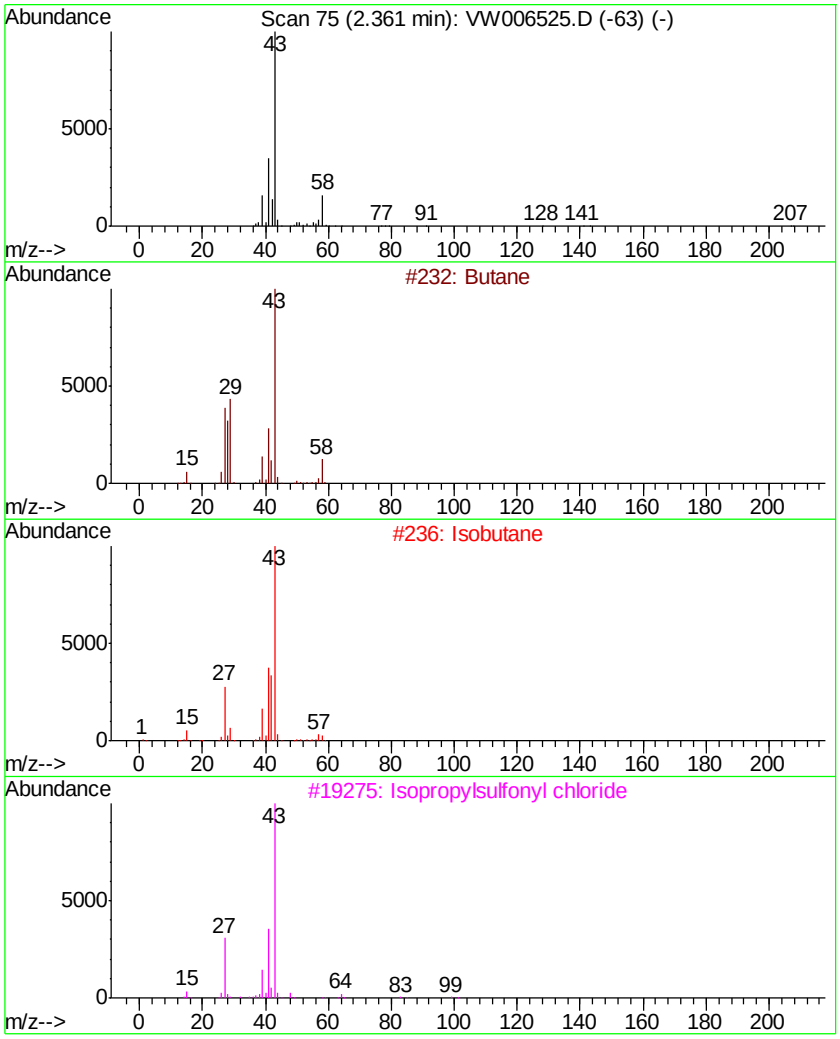
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

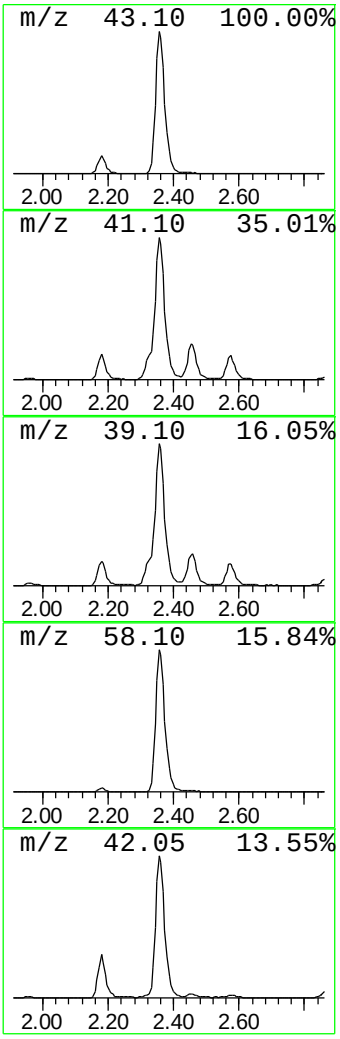
****

Peak Number 1 Butane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.36	41.75 ug/l	1281130	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	72
2	Isobutane	58	C4H10	000075-28-5	9
3	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
4	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9
5	Acetone	58	C3H6O	000067-64-1	7





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
Data File : VW006525.D
Acq On : 31 Oct 2018 14:52
Operator : SY/AP
Sample : J5711-03
Misc : 6.21G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

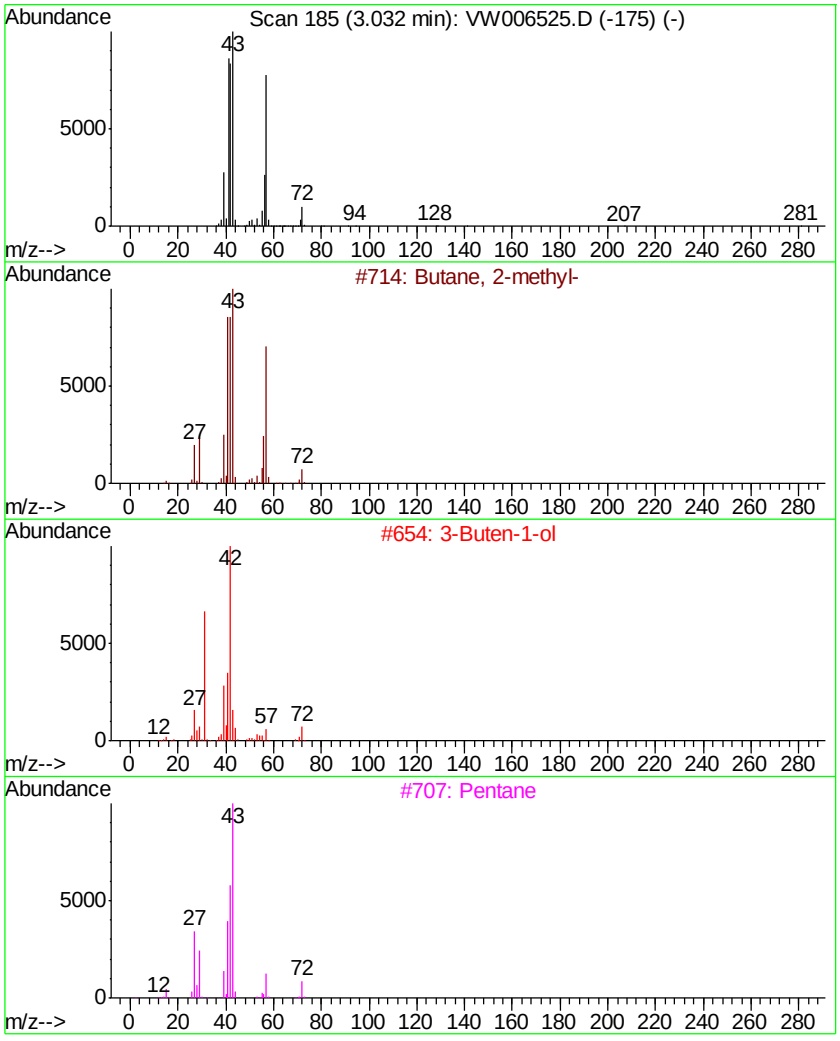
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

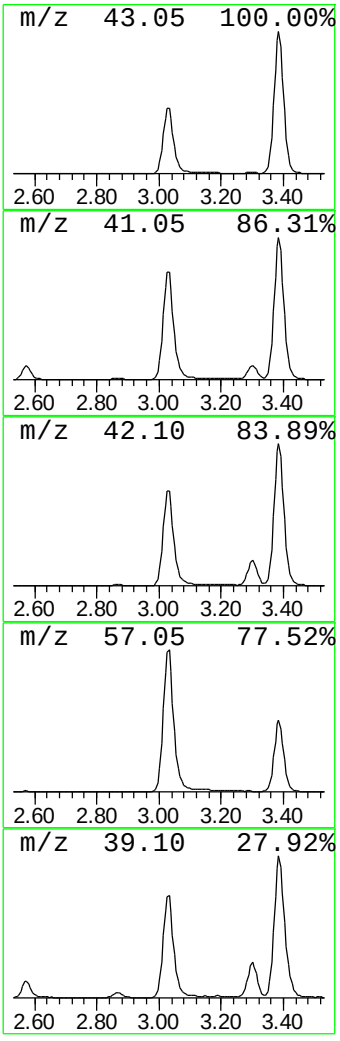
****

Peak Number 2 Butane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	56.75 ug/l	1741270	Pentafluorobenzene	7.95

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	43
3	Pentane	72	C5H12	000109-66-0	42
4	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	10
5	Butane, 2-nitro-	103	C4H9NO2	000600-24-8	10





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
Data File : VW006525.D
Acq On : 31 Oct 2018 14:52
Operator : SY/AP
Sample : J5711-03
Misc : 6.21G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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

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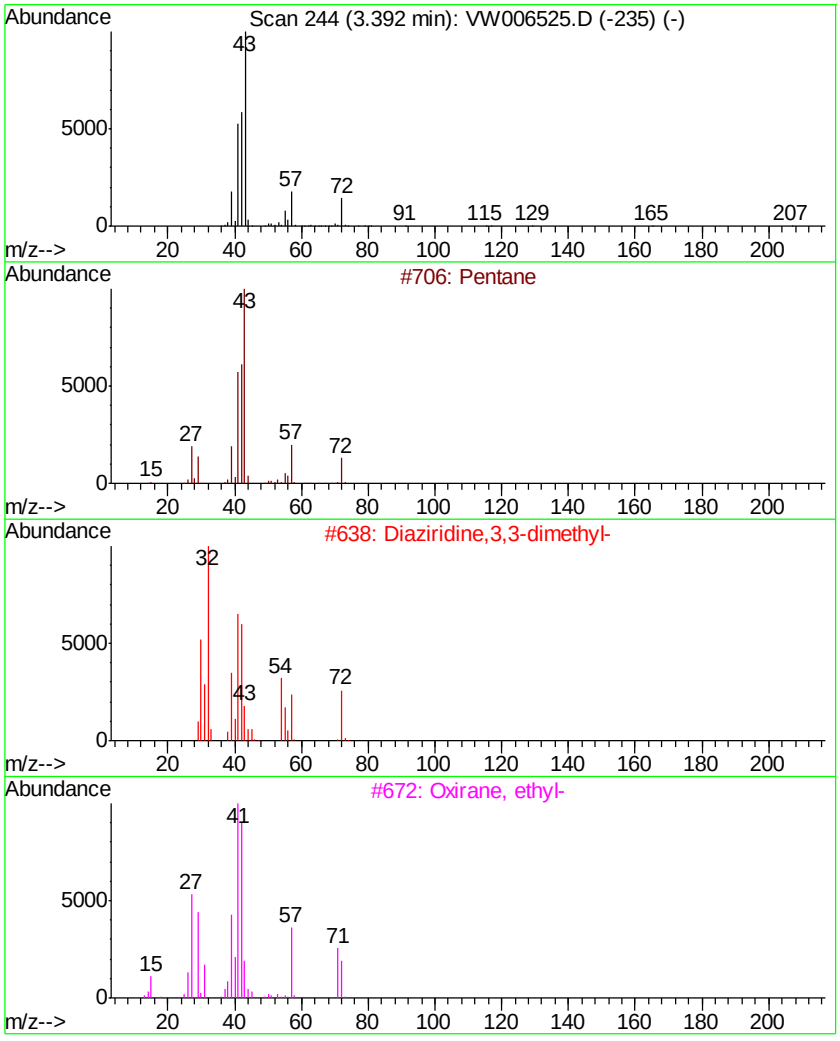
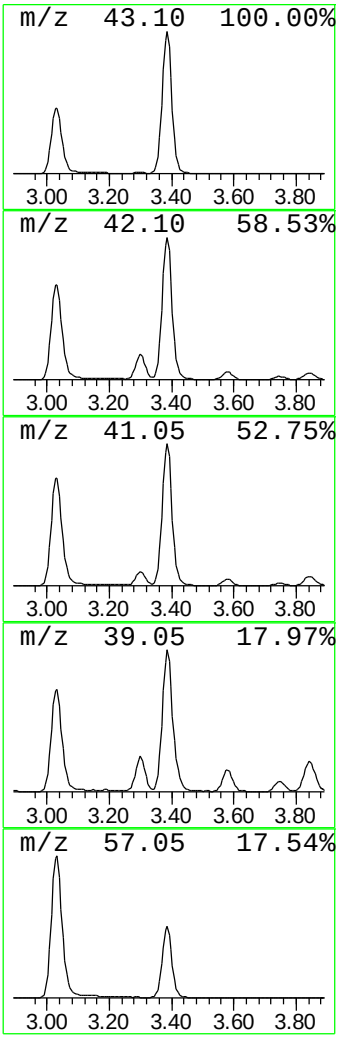
Peak Number 3 Pentane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	74.07 ug/l	2272510	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	32
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	9
4	Butane, 2-methyl-	72	C5H12	000078-78-4	9
5	Butanal, 2,2-dimethyl-	100	C6H12O	002094-75-9	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
Data File : VW006525.D
Acq On : 31 Oct 2018 14:52
Operator : SY/AP
Sample : J5711-03
Misc : 6.21G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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

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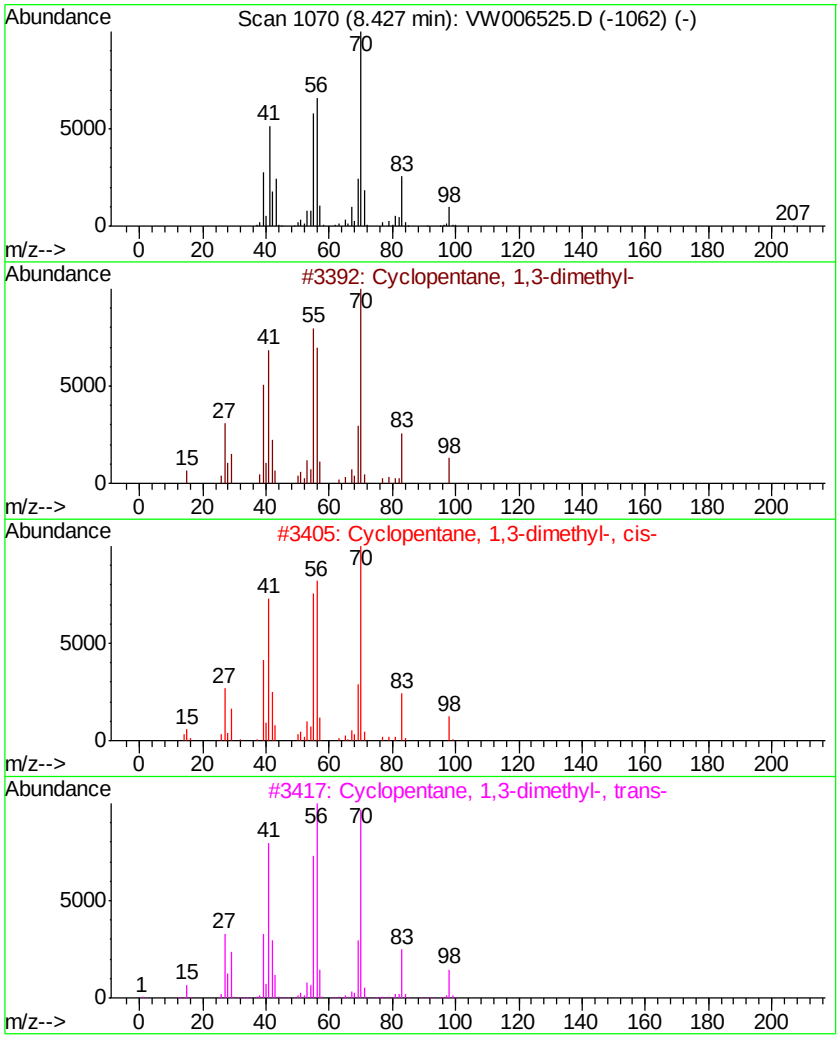
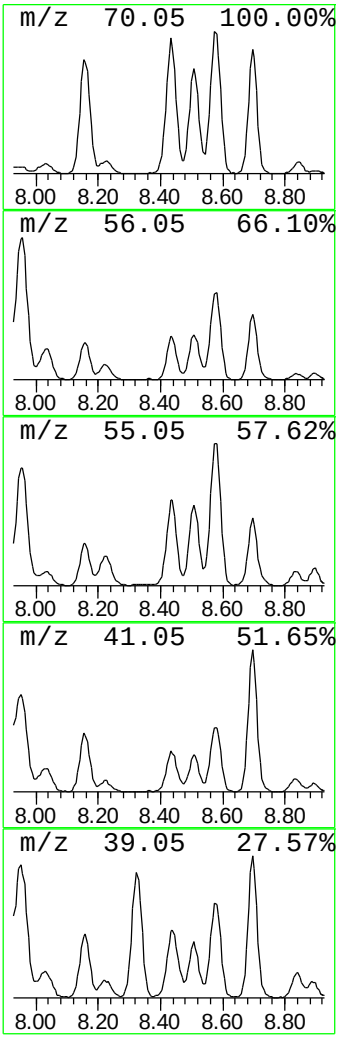
Peak Number 4 Cyclopentane, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	46.76 ug/l	431536	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	87
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	64
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64
5	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110118\
Data File : VW006525.D
Acq On : 31 Oct 2018 14:52
Operator : SY/AP
Sample : J5711-03
Misc : 6.21G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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

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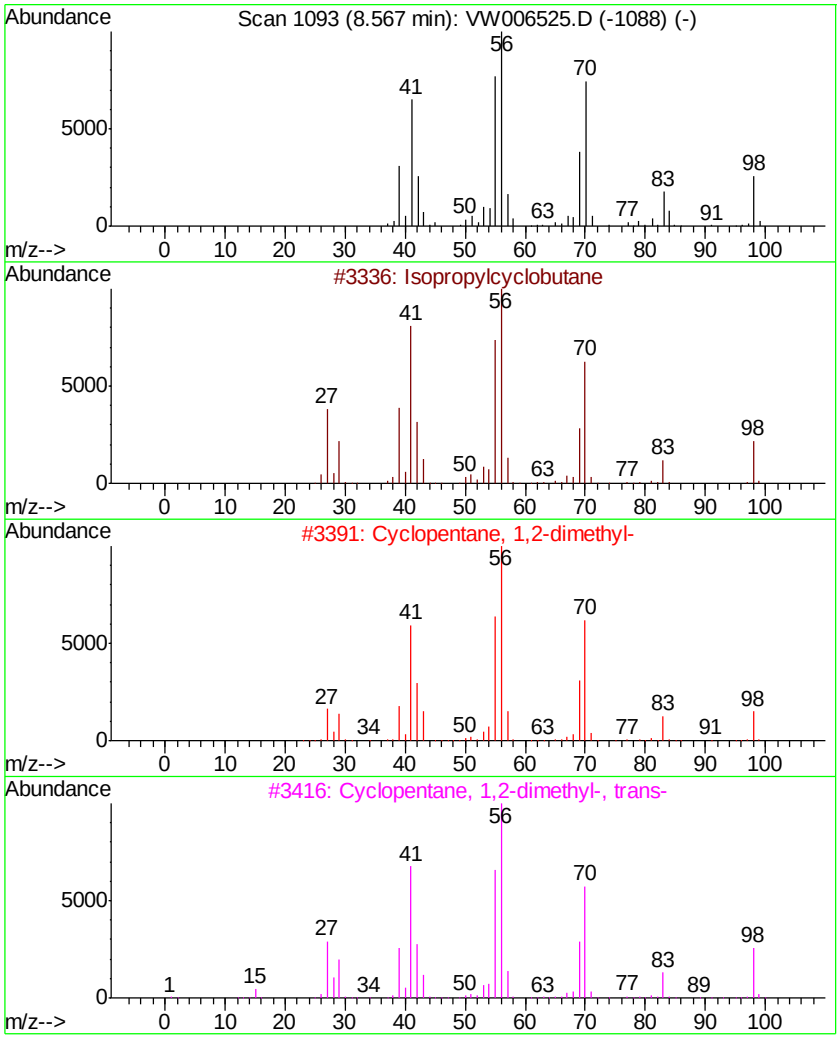
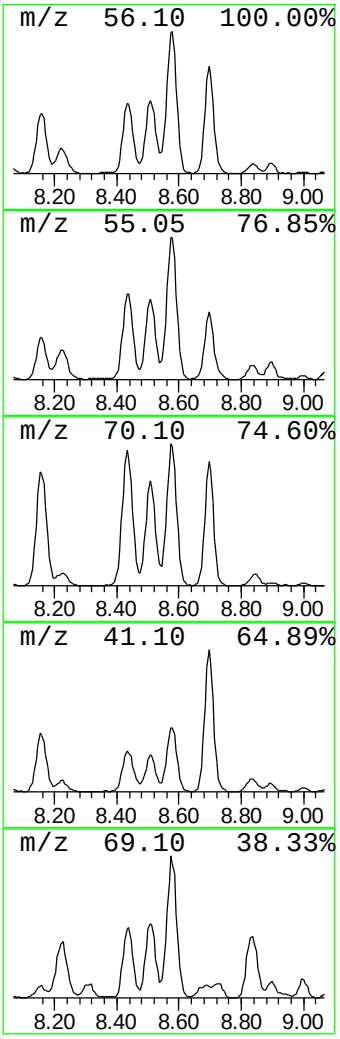
Peak Number 5 Isopropylcyclobutane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	59.91 ug/l	552947	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	94
2	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
Data File : VW006525.D
Acq On : 31 Oct 2018 14:52
Operator : SY/AP
Sample : J5711-03
Misc : 6.21G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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

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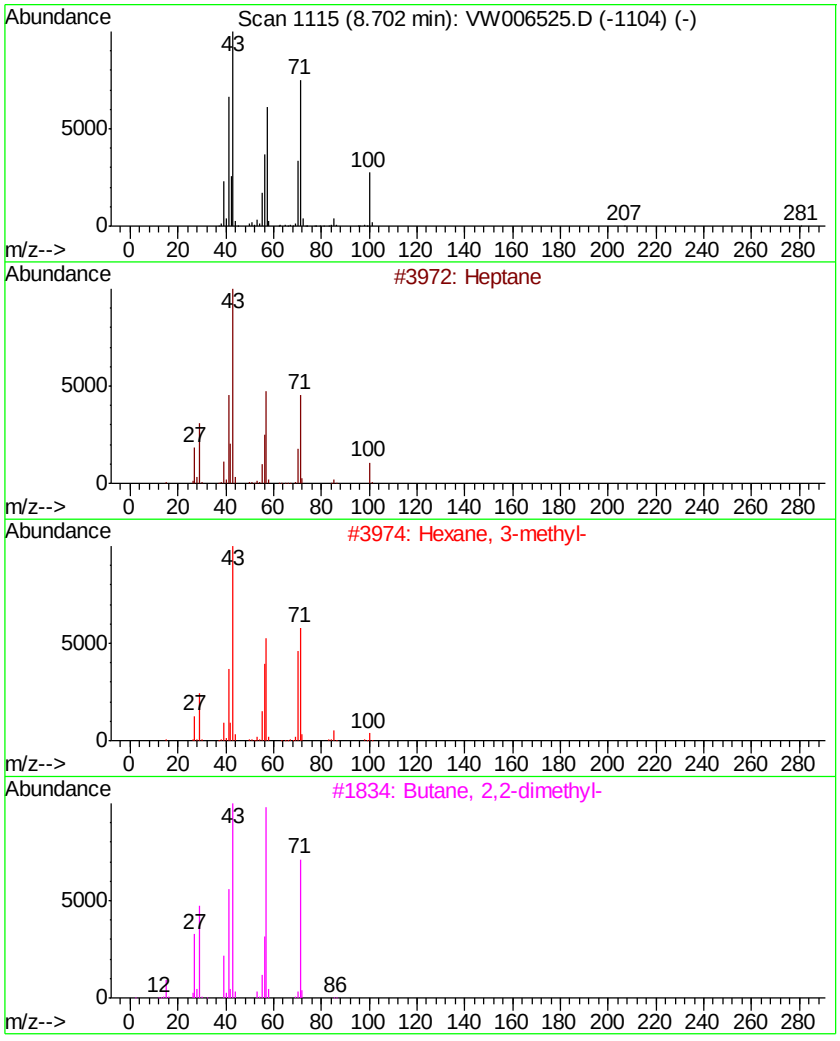
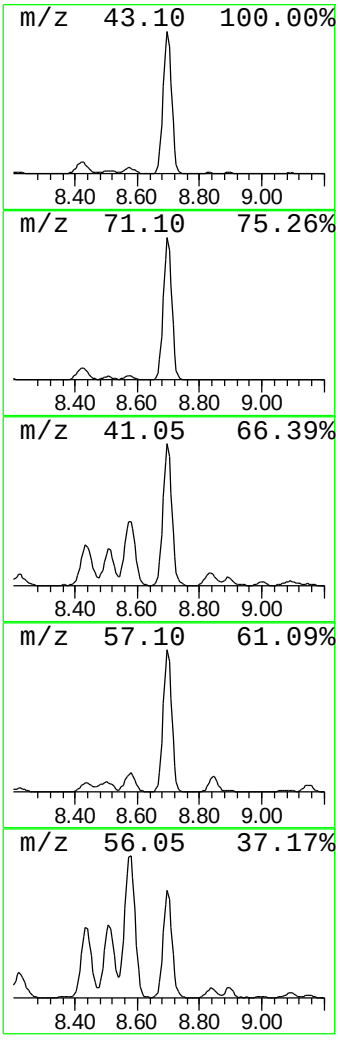
Peak Number 6 Heptane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	93.10 ug/l	859297	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	42
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	40
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	40
5	Pentane, 3-bromo-	150	C5H11Br	001809-10-5	37





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
Data File : VW006525.D
Acq On : 31 Oct 2018 14:52
Operator : SY/AP
Sample : J5711-03
Misc : 6.21G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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

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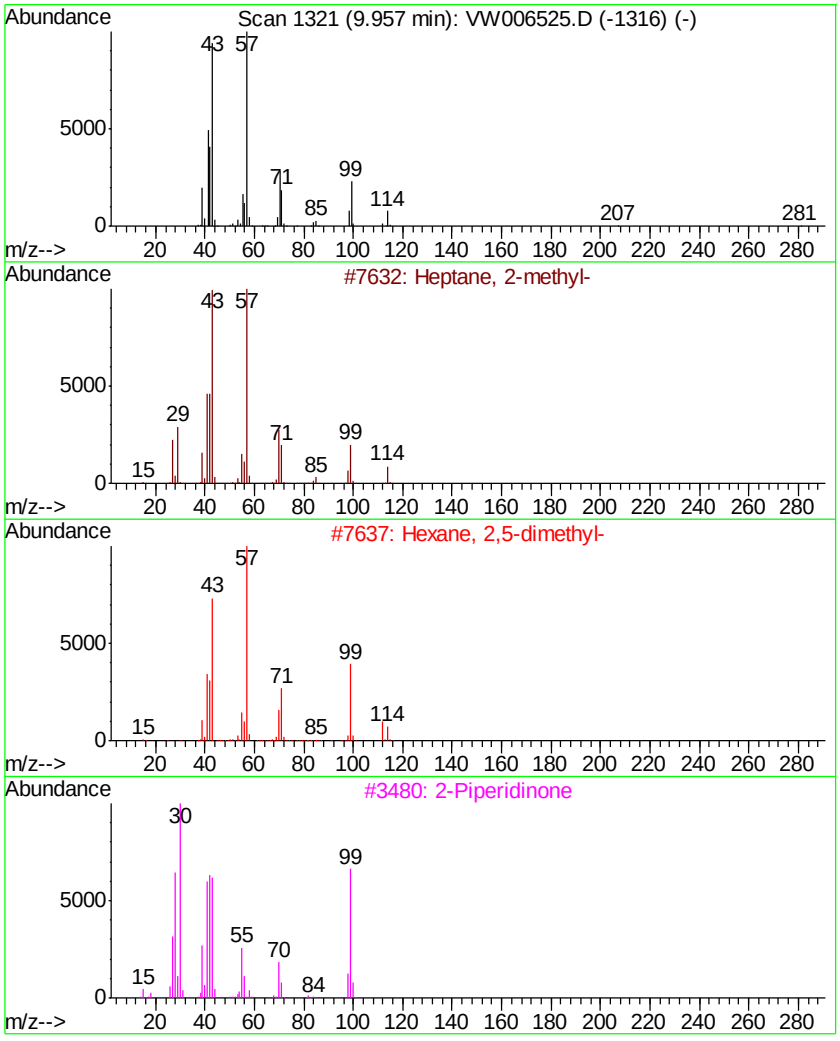
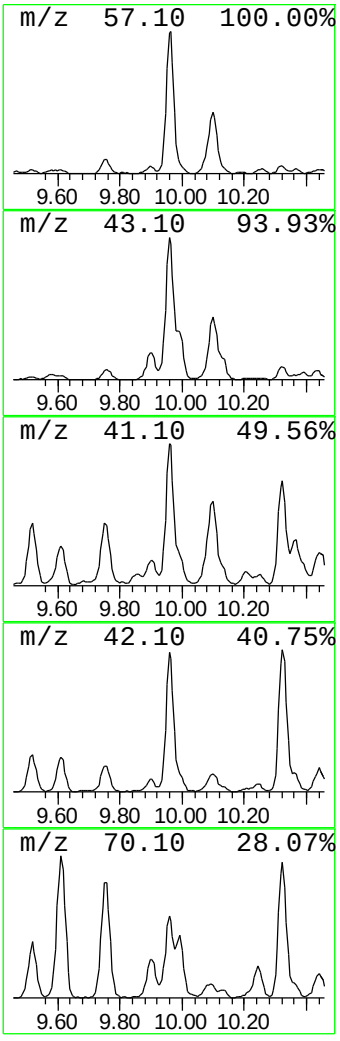
Peak Number 7 Heptane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	57.68 ug/l	532321	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	97
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
3	2-Piperidinone	99	C5H9NO	000675-20-7	53
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	43
5	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
Data File : VW006525.D
Acq On : 31 Oct 2018 14:52
Operator : SY/AP
Sample : J5711-03
Misc : 6.21G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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

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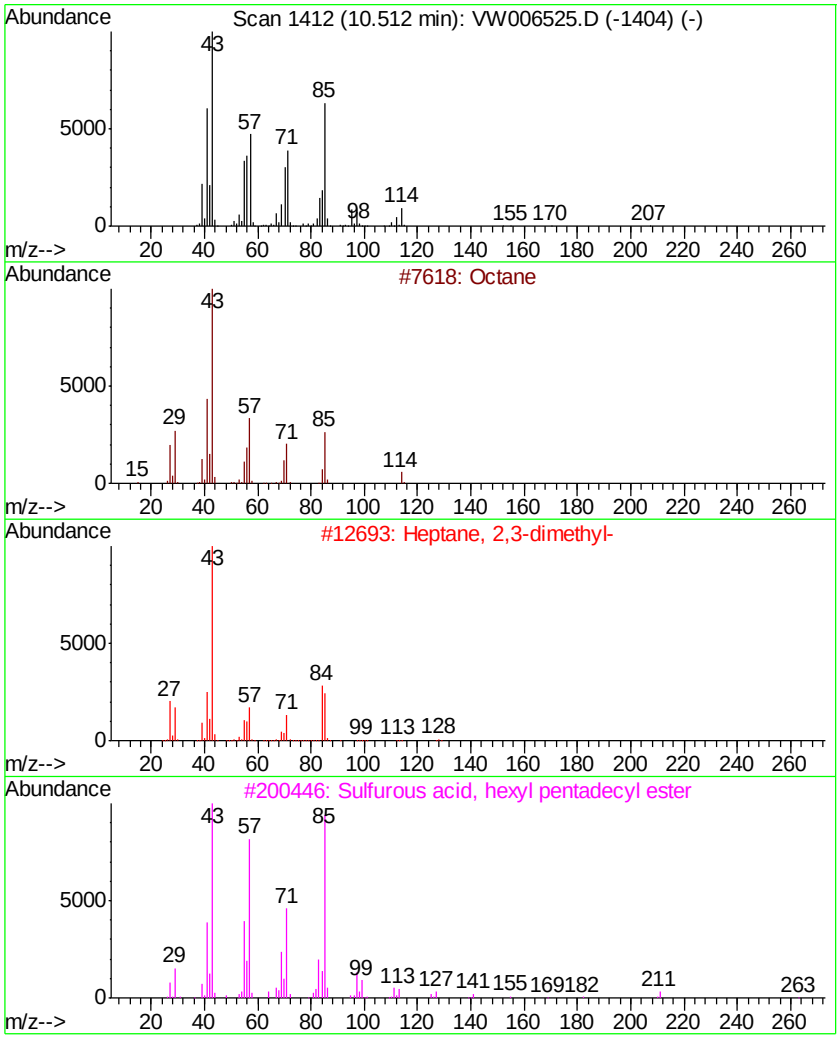
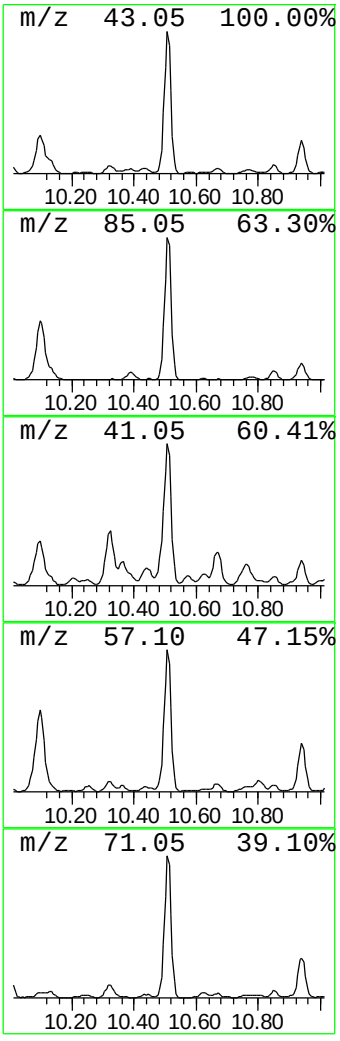
Peak Number 8 Octane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	112.80 ug/l	904506	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	81
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	47
3	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	47
4	1-Trifluoroacetoxy-2-methylpentane	198	C8H13F3O2	155089-96-6	43
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110118\
Data File : VW006525.D
Acq On : 31 Oct 2018 14:52
Operator : SY/AP
Sample : J5711-03
Misc : 6.21G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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

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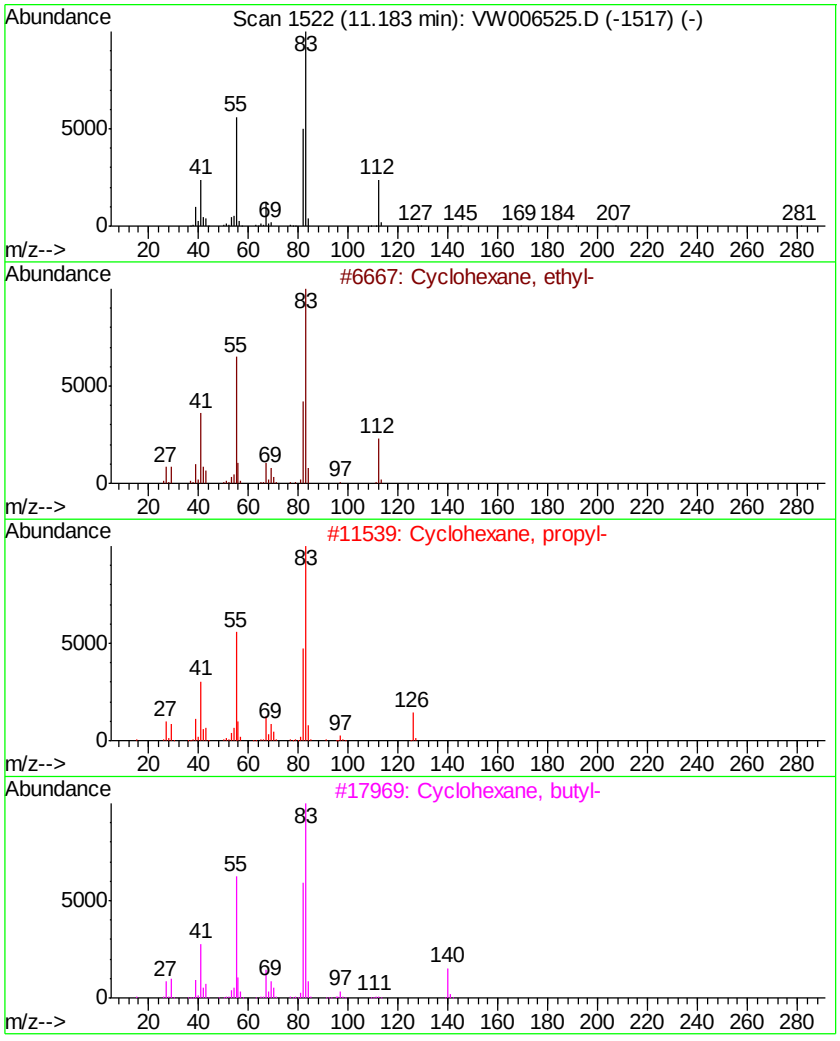
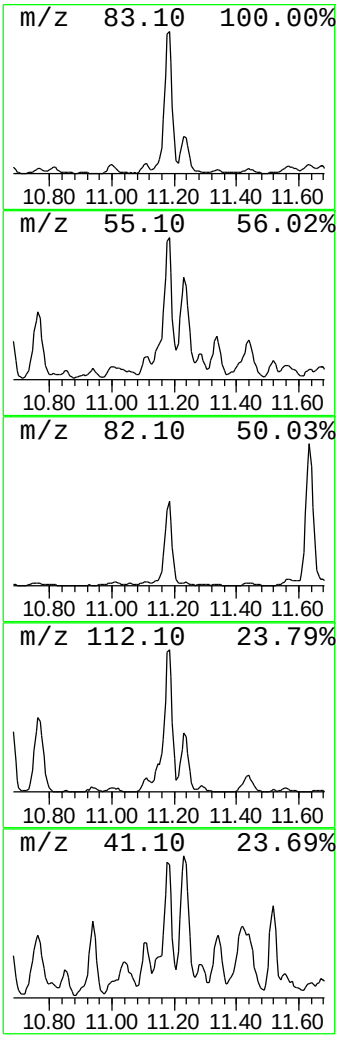
Peak Number 9 Cyclohexane, ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	40.07 ug/l	321303	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4	(E)-4-Oxohex-2-enal	112	C6H8O2	1000374-04-2	53
5	3-Hexene, 3,4-dimethyl-	112	C8H16	030951-95-2	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110118\
Data File : VW006525.D
Acq On : 31 Oct 2018 14:52
Operator : SY/AP
Sample : J5711-03
Misc : 6.21G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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

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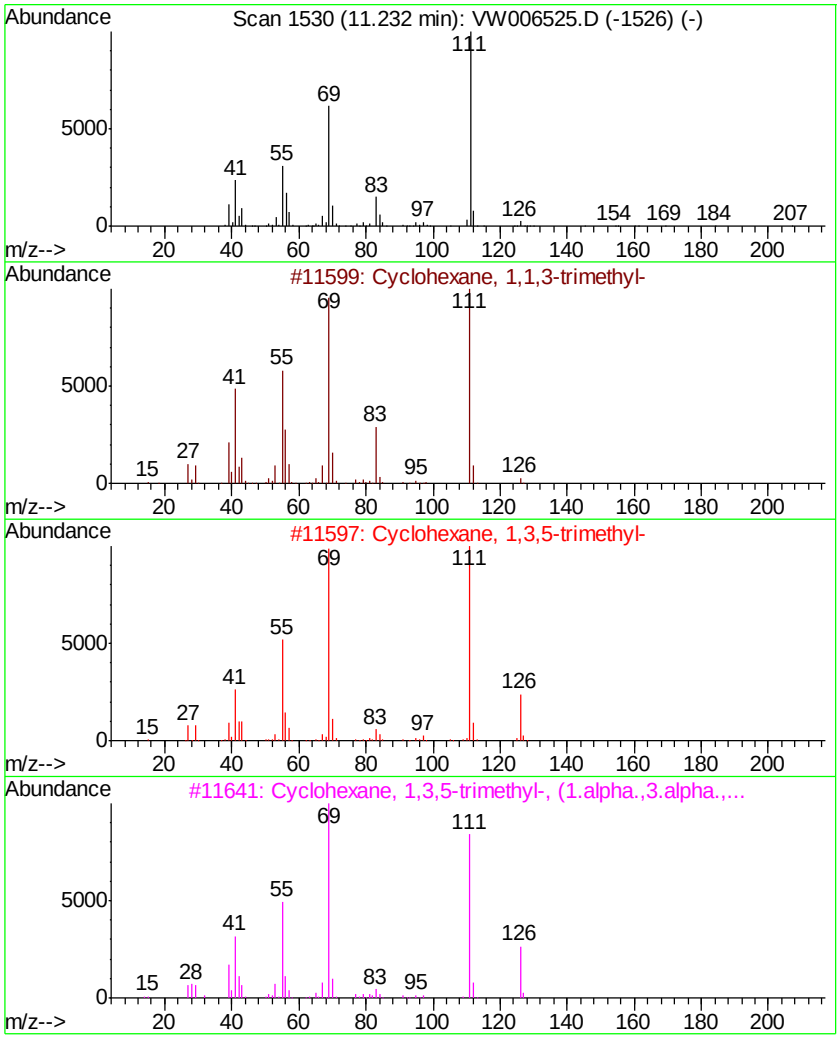
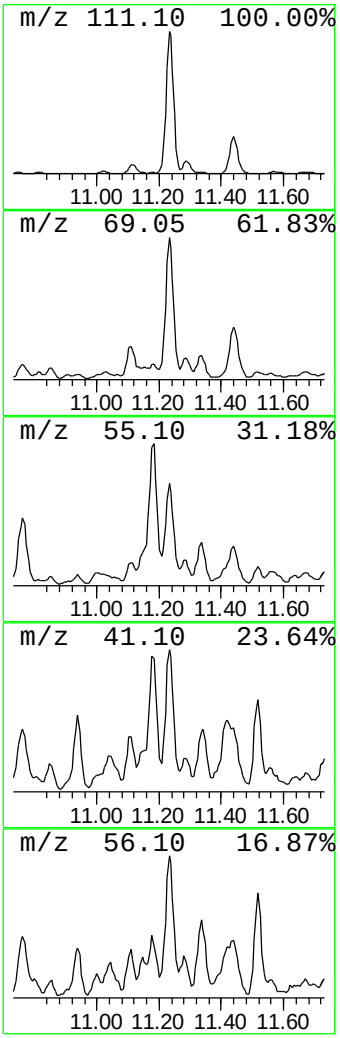
Peak Number 10 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	49.57 ug/l	397490	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	78
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
4	Acetamide, 2-fluoro-N-phenyl-	153	C8H8FNO	000330-68-7	59
5	4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110118\
Data File : VW006525.D
Acq On : 31 Oct 2018 14:52
Operator : SY/AP
Sample : J5711-03
Misc : 6.21G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.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	2.36	41.8	ug/l	1281130	1	7.95	1534120	50.0
Butane, 2-methyl-	3.03	56.8	ug/l	1741270	1	7.95	1534120	50.0
Pentane	3.39	74.1	ug/l	2272510	1	7.95	1534120	50.0
Cyclopentane, 1,3...	8.43	46.8	ug/l	431536	2	8.85	461473	50.0
Isopropylcyclobutane	8.57	59.9	ug/l	552947	2	8.85	461473	50.0
Heptane	8.70	93.1	ug/l	859297	2	8.85	461473	50.0
Heptane, 2-methyl-	9.96	57.7	ug/l	532321	2	8.85	461473	50.0
Octane	10.51	112.8	ug/l	904506	3	11.63	400931	50.0
Cyclohexane, ethyl-	11.18	40.1	ug/l	321303	3	11.63	400931	50.0
Cyclohexane, 1,1,...	11.23	49.6	ug/l	397490	3	11.63	400931	50.0