LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
Data File : VU027474.D
Acq On : 05 Oct 2018 23:26
Operator : MD/SY
Sample : J5268-05 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-12

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_U\METHOD\82U100118W.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	1.305	34	41	51	rVB	24968	25298	1.25%	0.218%
2	1.402	64	71	81	rBV	139713	141588	7.02%	1.218%
3	1.758	172	182	205	rBV	351197	468622	23.24%	4.031%
4	1.903	219	227	233	rBV	32380	40853	2.03%	0.351%
5	1.951	233	242	257	rVB3	162806	271810	13.48%	2.338%
6	2.051	264	273	285	rVB	85551	115937	5.75%	0.997%
7	2.141	291	301	307	rBV	49260	69167	3.43%	0.595%
8	2.186	307	315	333	rVB	152912	226915	11.25%	1.952%
9	2.688	447	471	481	rBV3	25175	81346	4.03%	0.700%
10	2.746	482	489	496	rVV2	45685	87087	4.32%	0.749%
11	2.794	496	504	525	rVB2	78040	161124	7.99%	1.386%
12	3.000	551	568	585	rBV	30909	66027	3.27%	0.568%
13	3.196	613	629	647	rVB4	14904	35121	1.74%	0.302%
14	3.305	650	663	679	rBV4	19098	40934	2.03%	0.352%
15	3.427	687	701	712	rBV5	9827	22076	1.09%	0.190%
16	3.504	713	725	732	rVV3	10717	23825	1.18%	0.205%
17	3.559	733	742	758	rVB2	21003	46513	2.31%	0.400%
18	3.662	760	774	785	rBV3	13151	30318	1.50%	0.261%
19	3.742	785	799	812	rBV5	12947	37557	1.86%	0.323%
20	3.893	834	846	865	rVB3	19056	48317	2.40%	0.416%
21	4.099	891	910	926	rBV2	67287	182650	9.06%	1.571%
22	4.189	928	938	956	rVB5	9075	23862	1.18%	0.205%
23	4.781	1108	1122	1139	rVB2	34985	79155	3.93%	0.681%
24	4.887	1139	1155	1172	rBV	103974	238906	11.85%	2.055%
25	4.987	1172	1186	1207	rBV2	174951	417483	20.70%	3.591%
26	5.311	1272	1287	1303	rVV	131964	277141	13.74%	2.384%
27	5.524	1345	1353	1373	rVB3	12864	34846	1.73%	0.300%
28	5.890	1451	1467	1480	rBV	224436	448824	22.26%	3.860%
29	6.414	1612	1630	1649	rBV4	16860	41282	2.05%	0.355%
30	7.568	1973	1989	2001	rBV	424899	765935	37.98%	6.588%
31	7.639	2001	2011	2033	rVB	265831	486746	24.14%	4.186%
32	9.093	2450	2463	2489	rBV	338379	576304	28.58%	4.957%
33	9.250	2499	2512	2536	rBV	358550	589313	29.22%	5.069%
34	9.375	2537	2551	2585	rVB	1206249	2016574	100.00%	17.344%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
Data File : VU027474.D
Acq On : 05 Oct 2018 23:26
Operator : MD/SY
Sample : J5268-05 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-12

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_U\METHOD\82U100118W.M
Title : SW846 8260

35	9.781	2656	2677	2695	rBV	366590	585804	29.05%	5.038%
36	10.308	2827	2841	2865	rBV	327708	522555	25.91%	4.494%
37	10.588	2918	2928	2946	rBV2	28700	51211	2.54%	0.440%
38	10.681	2946	2957	2976	rVV	159994	338838	16.80%	2.914%
39	10.774	2976	2986	3003	rVB	74263	115337	5.72%	0.992%
40	10.973	3036	3048	3062	rBV	69387	107150	5.31%	0.922%
41	11.150	3090	3103	3120	rBV	285044	436239	21.63%	3.752%
42	11.485	3195	3207	3223	rBV	431834	670073	33.23%	5.763%
43	11.572	3223	3234	3249	rVB	84666	129876	6.44%	1.117%
44	11.768	3284	3295	3305	rBV	89316	148373	7.36%	1.276%
45	11.877	3318	3329	3343	rVB3	17645	32169	1.60%	0.277%
46	12.253	3435	3446	3453	rBV	14772	22473	1.11%	0.193%
47	12.356	3468	3478	3488	rBV2	14569	22708	1.13%	0.195%
48	12.967	3658	3668	3680	rVB	13706	20534	1.02%	0.177%
49	13.125	3707	3717	3728	rBV3	29213	44144	2.19%	0.380%
50	13.745	3896	3910	3930	rBV	94214	159878	7.93%	1.375%

Sum of corrected areas: 11626818

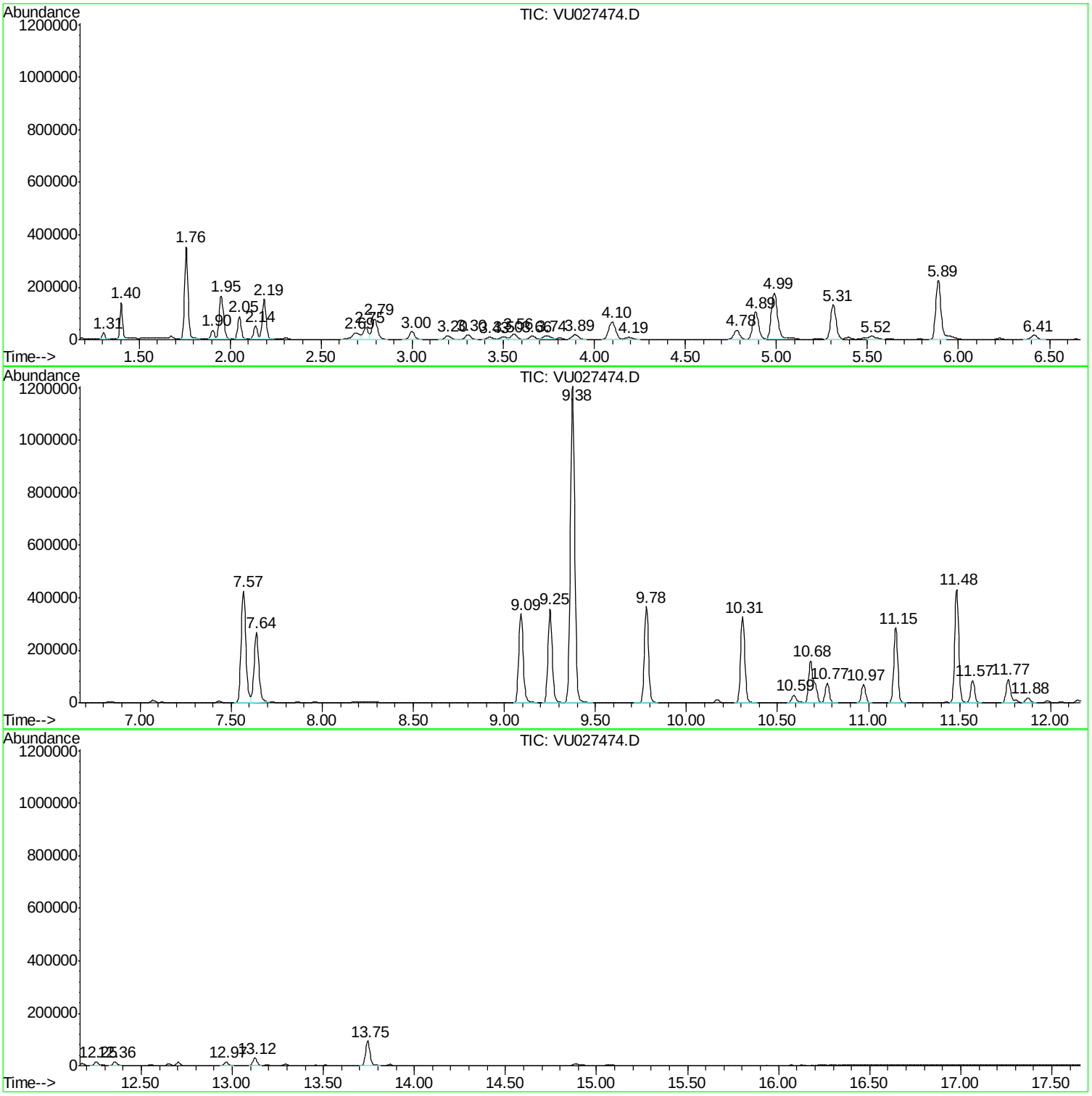
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
Data File : VU027474.D
Acq On : 05 Oct 2018 23:26
Operator : MD/SY
Sample : J5268-05 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
Data File : VU027474.D
Acq On : 05 Oct 2018 23:26
Operator : MD/SY
Sample : J5268-05 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

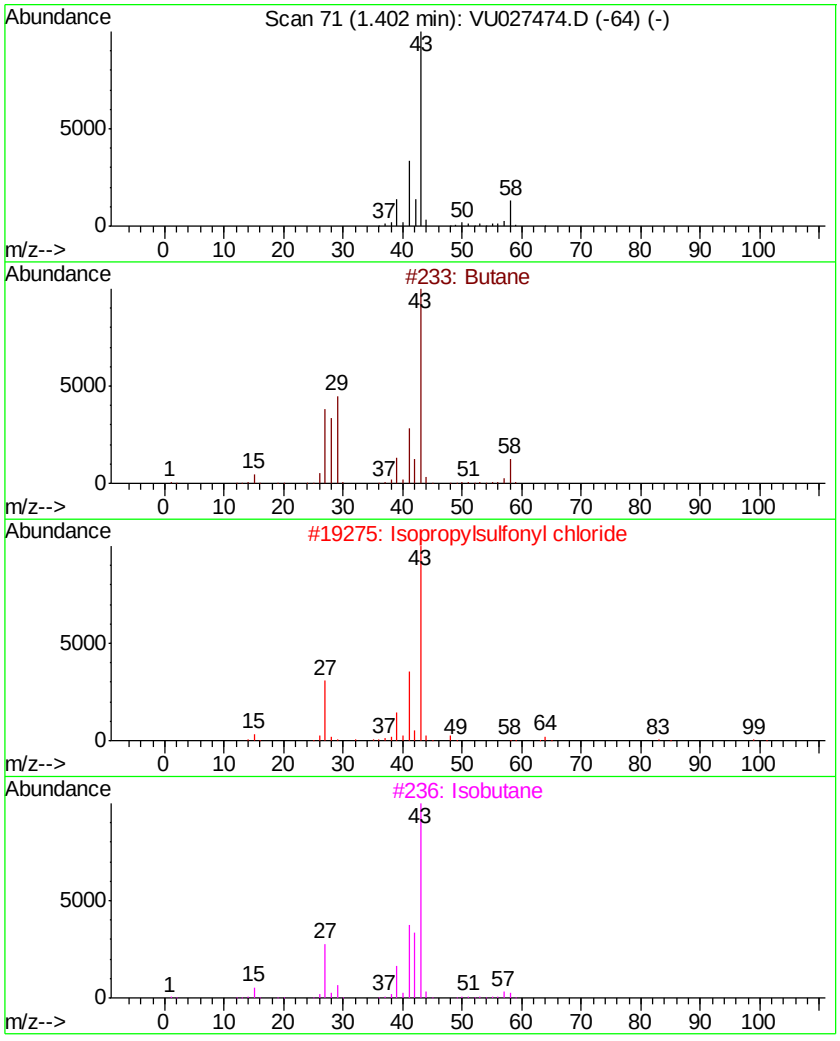
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

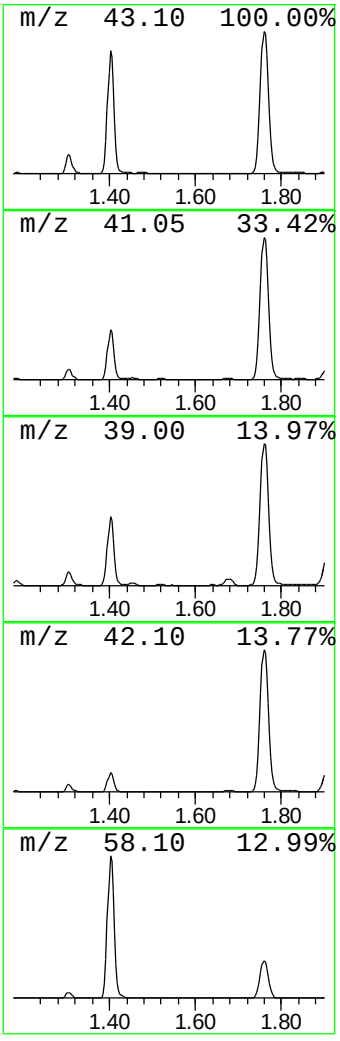
****

Peak Number 1 Butane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.40	16.96 ug/l	141588	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	72
2	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
3	Isobutane	58	C4H10	000075-28-5	9
4	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9
5	Diazene, dimethyl-	58	C2H6N2	000503-28-6	4





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
Data File : VU027474.D
Acq On : 05 Oct 2018 23:26
Operator : MD/SY
Sample : J5268-05 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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

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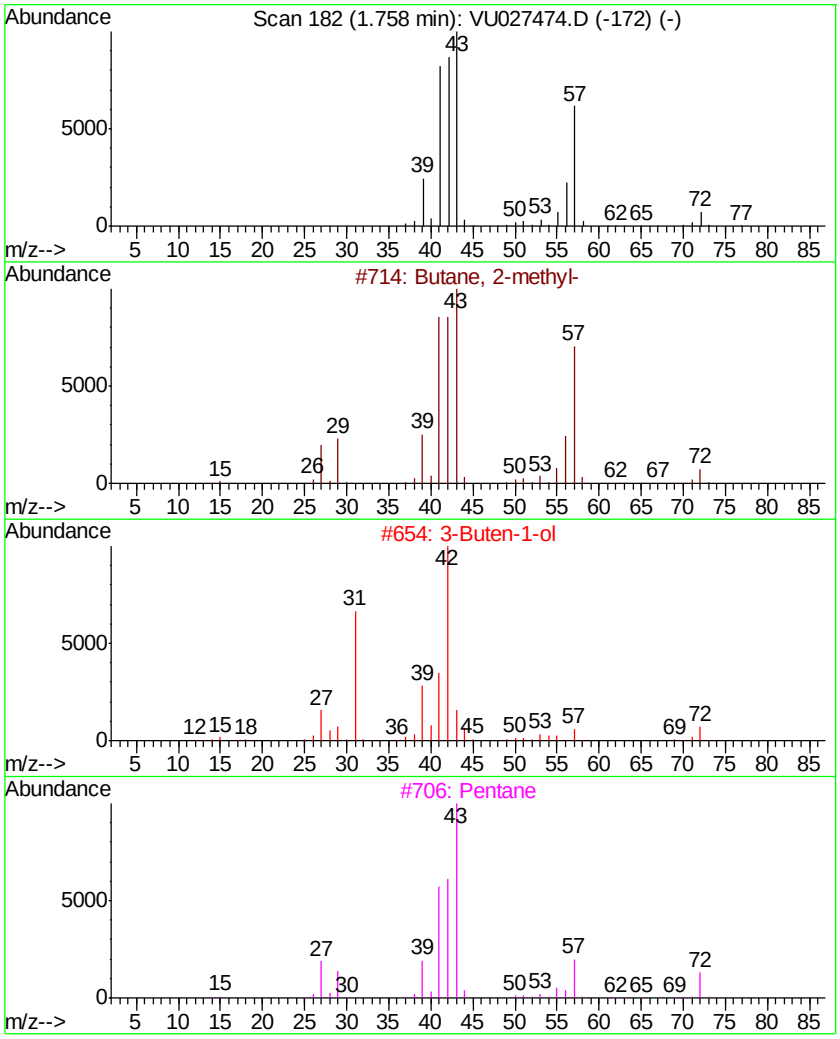
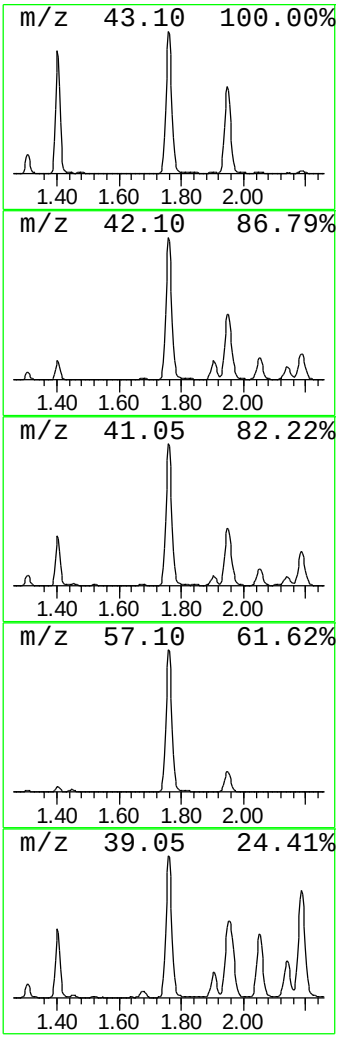
Peak Number 2 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.76	56.12 ug/l	468622	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	36
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
Data File : VU027474.D
Acq On : 05 Oct 2018 23:26
Operator : MD/SY
Sample : J5268-05 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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

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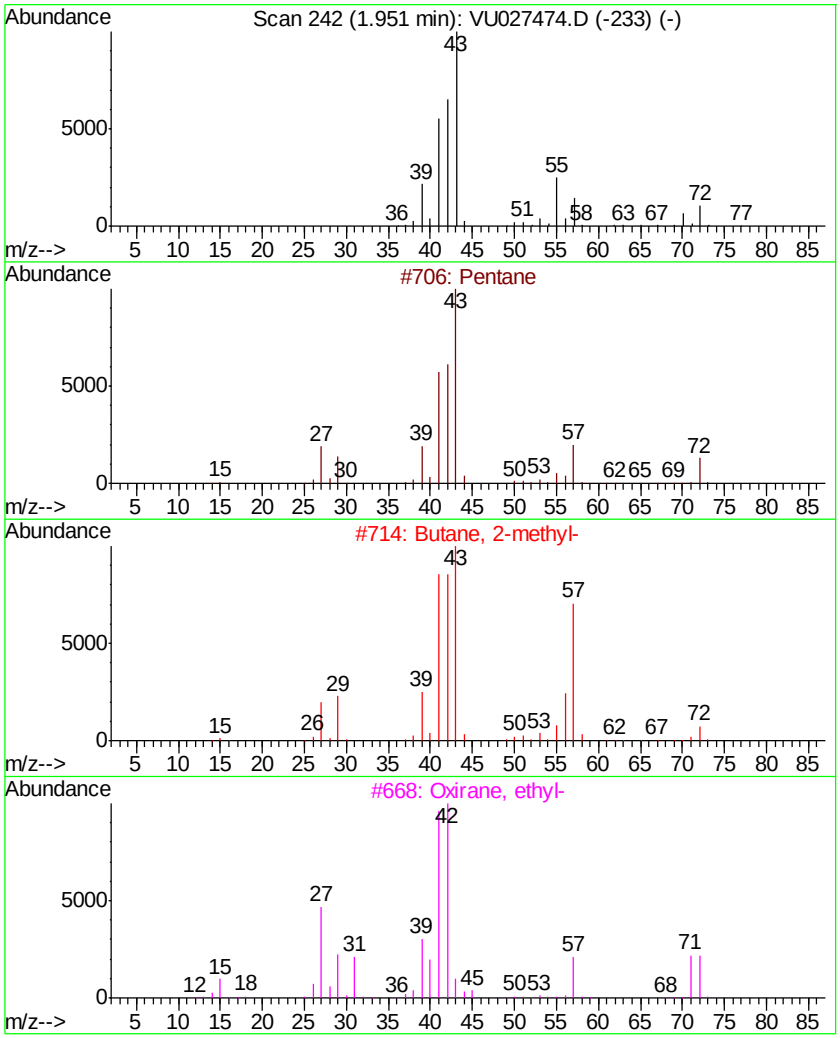
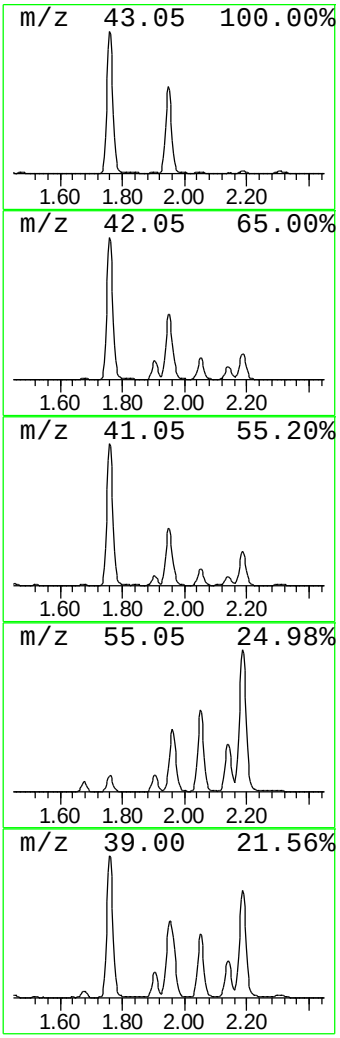
Peak Number 3 Pentane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	32.55 ug/l	271810	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Butane, 2-methyl-	72	C5H12	000078-78-4	42
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	38
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	23
5	Tetrahydrofuran	72	C4H8O	000109-99-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
Data File : VU027474.D
Acq On : 05 Oct 2018 23:26
Operator : MD/SY
Sample : J5268-05 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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

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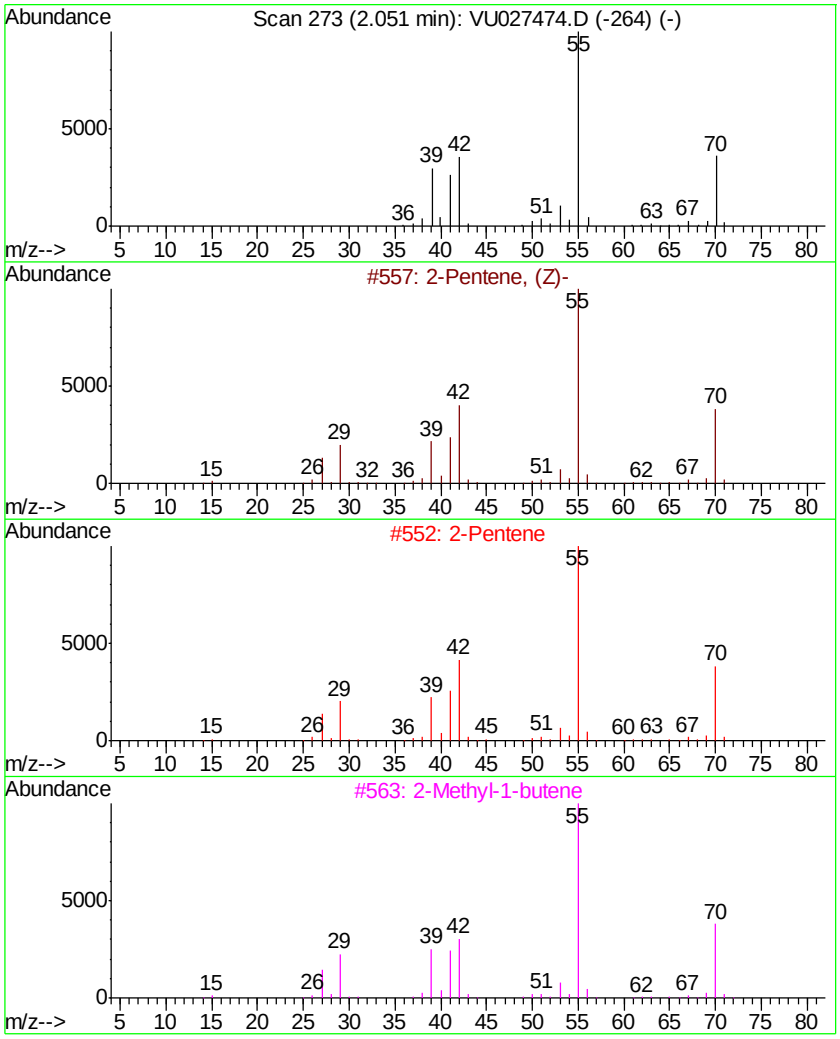
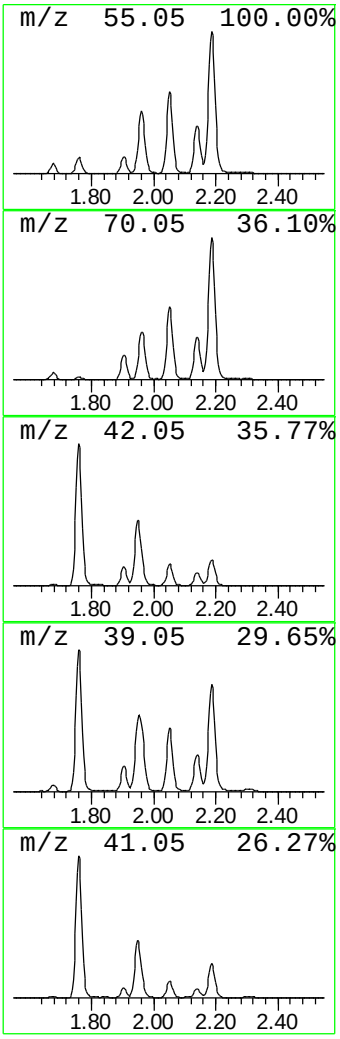
Peak Number 4 2-Pentene, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.05	13.89 ug/l	115937	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	91
2	2-Pentene	70	C5H10	000109-68-2	91
3	2-Methyl-1-butene	70	C5H10	000563-46-2	91
4	2-Pentene, (E)-	70	C5H10	000646-04-8	91
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
Data File : VU027474.D
Acq On : 05 Oct 2018 23:26
Operator : MD/SY
Sample : J5268-05 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

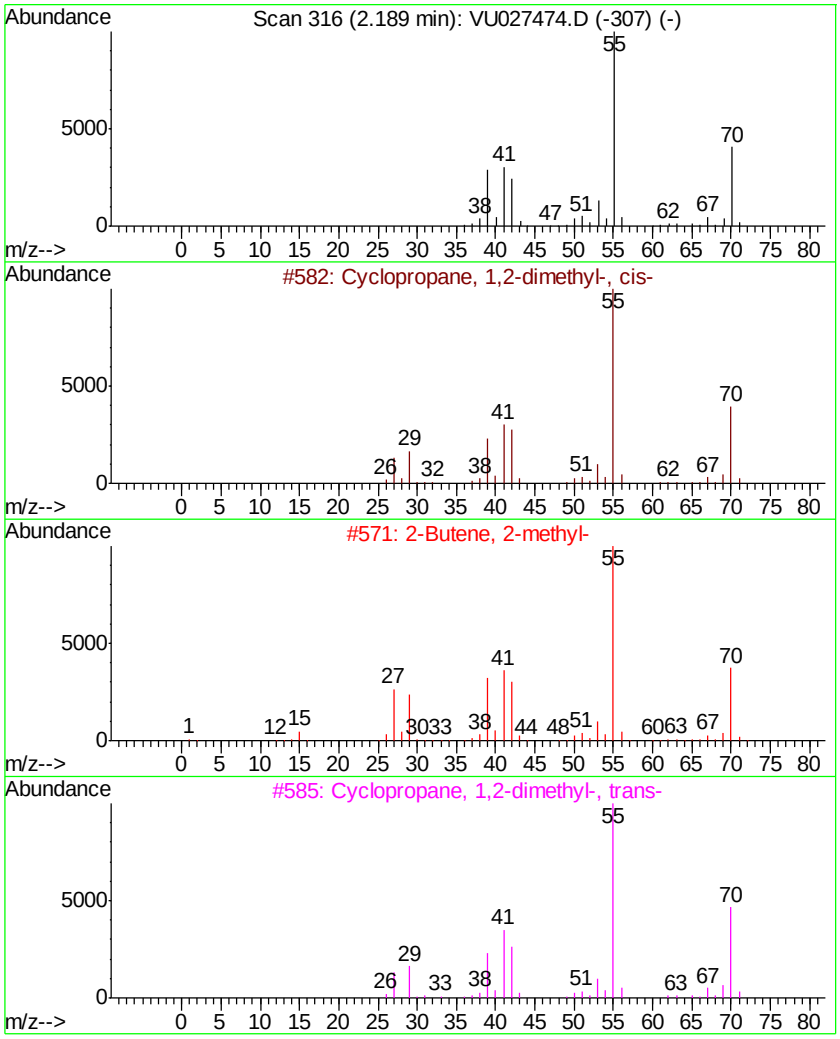
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

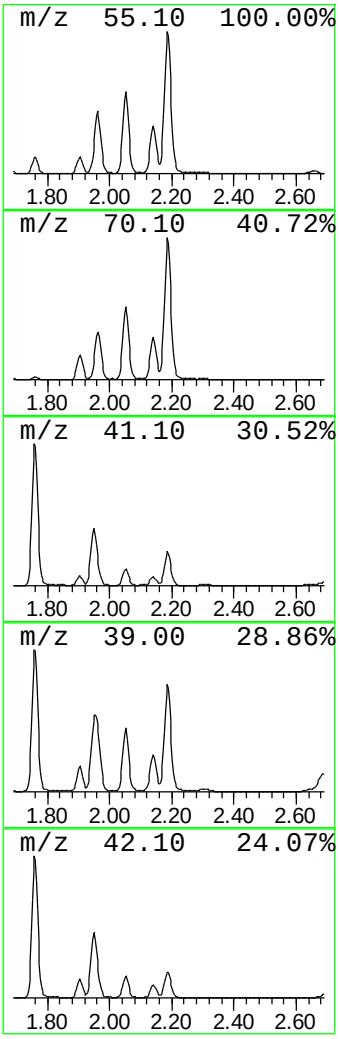
****

Peak Number 5 Cyclopropane, 1,2-dimethyl-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	27.18 ug/l	226915	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	91
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
4	1-Butene, 3-methyl-	70	C5H10	000563-45-1	86
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
Data File : VU027474.D
Acq On : 05 Oct 2018 23:26
Operator : MD/SY
Sample : J5268-05 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

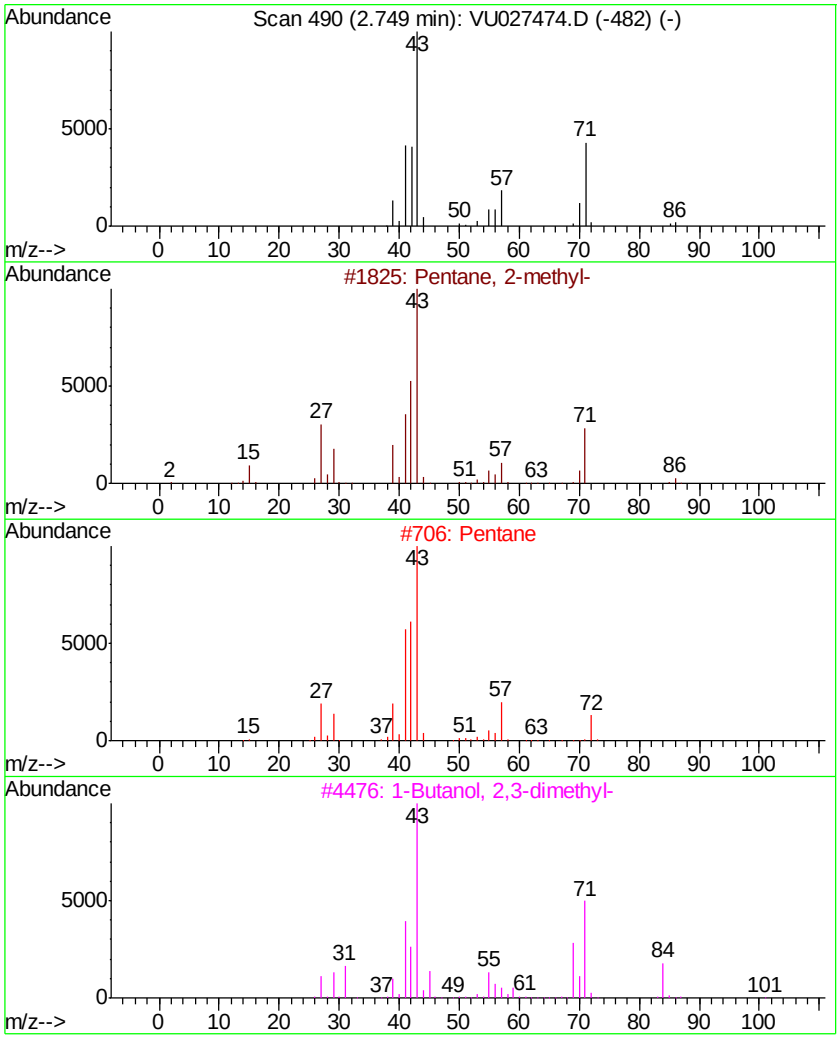
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

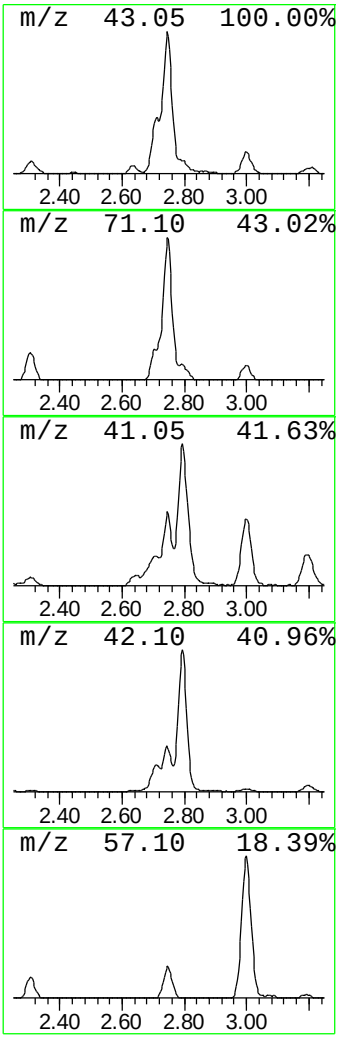
****

Peak Number 6 Pentane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.75	10.43 ug/l	87087	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	74
2	Pentane	72	C5H12	000109-66-0	43
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	42
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	33





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
Data File : VU027474.D
Acq On : 05 Oct 2018 23:26
Operator : MD/SY
Sample : J5268-05 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

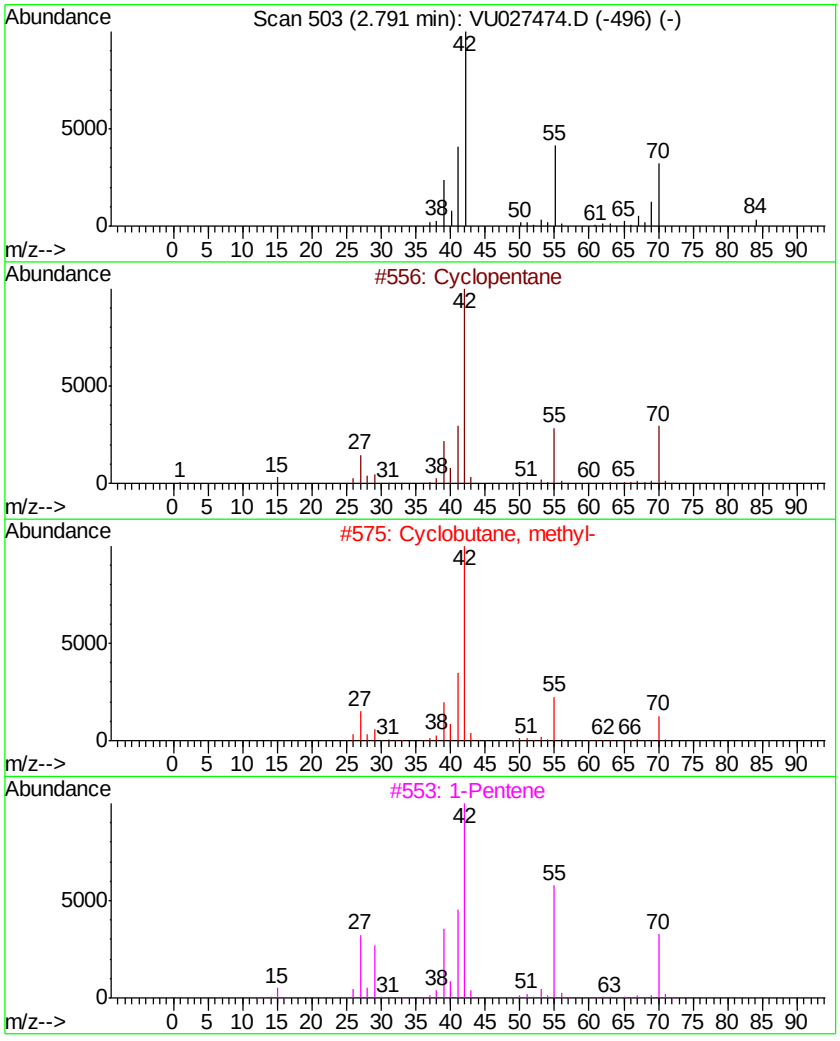
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

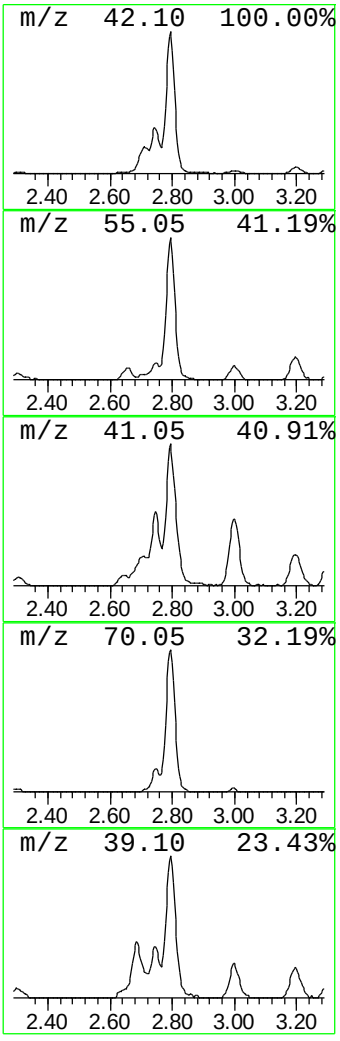
****

Peak Number 7 Cyclopentane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	19.30 ug/l	161124	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	80
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
3	1-Pentene	70	C5H10	000109-67-1	45
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	39
5	Cyclobutanone	70	C4H6O	001191-95-3	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
Data File : VU027474.D
Acq On : 05 Oct 2018 23:26
Operator : MD/SY
Sample : J5268-05 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

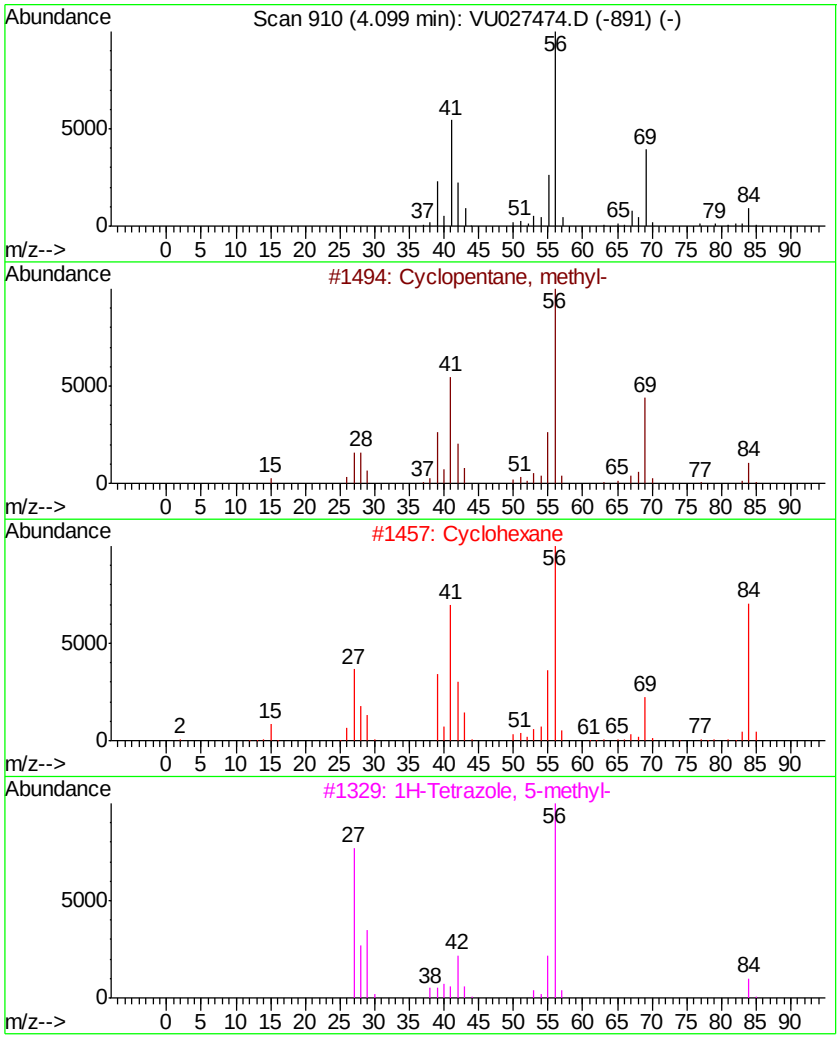
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

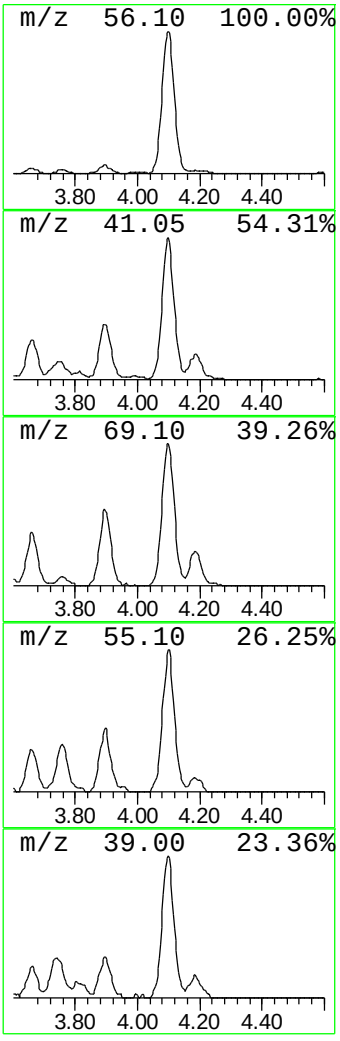
****

Peak Number 8 Cyclopentane, methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	21.88 ug/l	182650	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	86
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5	Cyclobutane	56	C4H8	000287-23-0	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
Data File : VU027474.D
Acq On : 05 Oct 2018 23:26
Operator : MD/SY
Sample : J5268-05 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

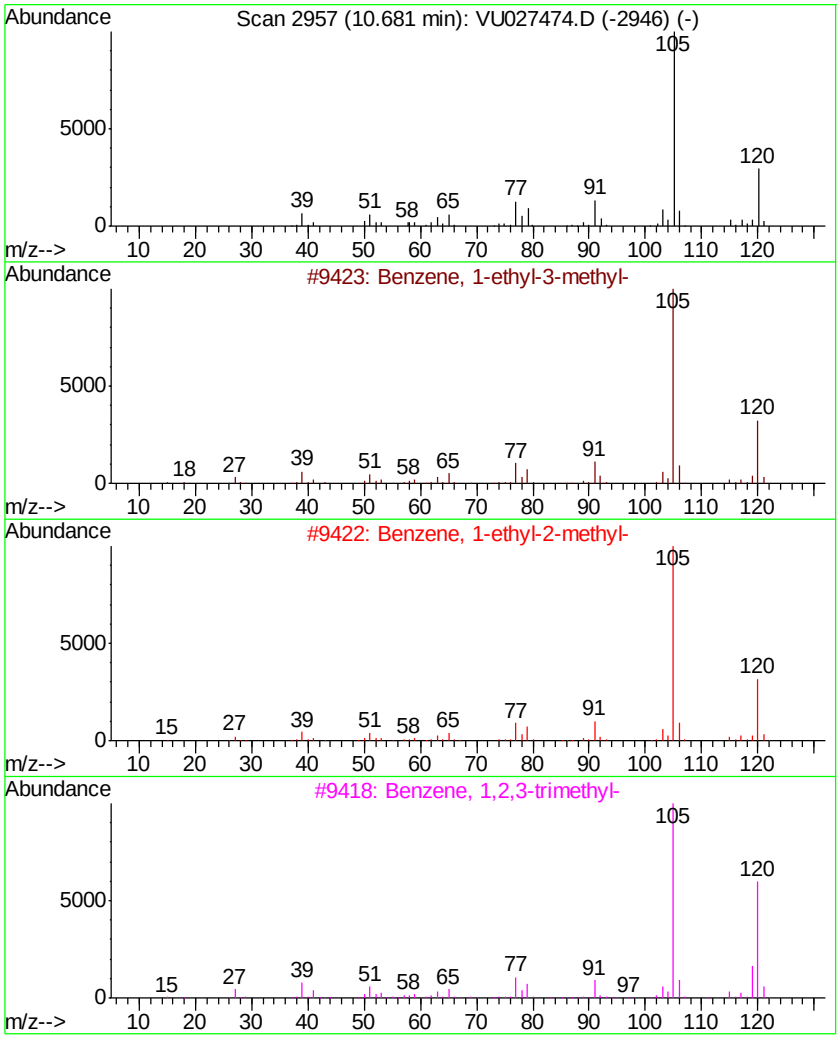
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

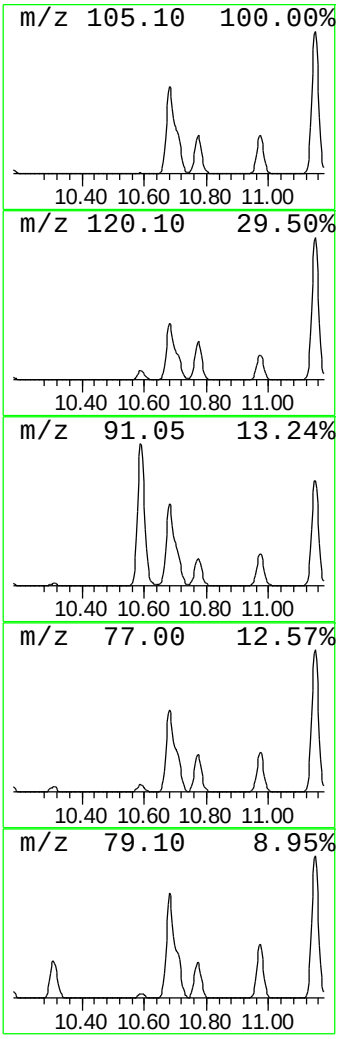
****

Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	25.28 ug/l	338838	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
Data File : VU027474.D
Acq On : 05 Oct 2018 23:26
Operator : MD/SY
Sample : J5268-05 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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

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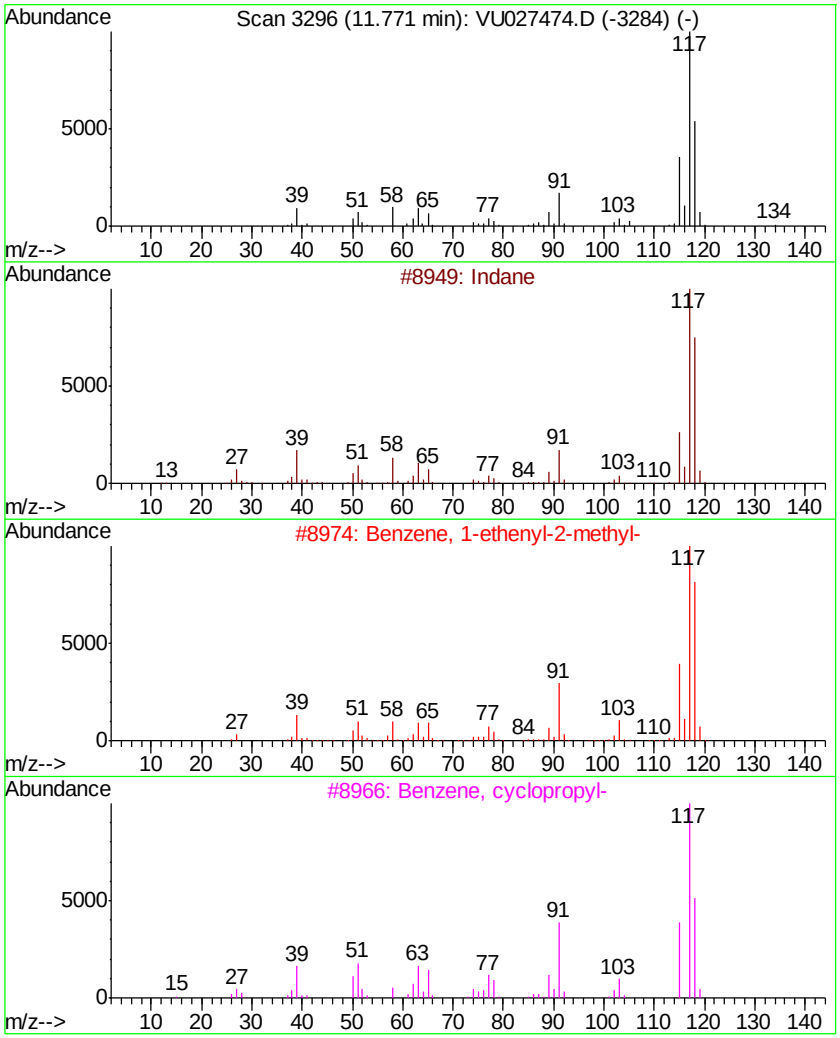
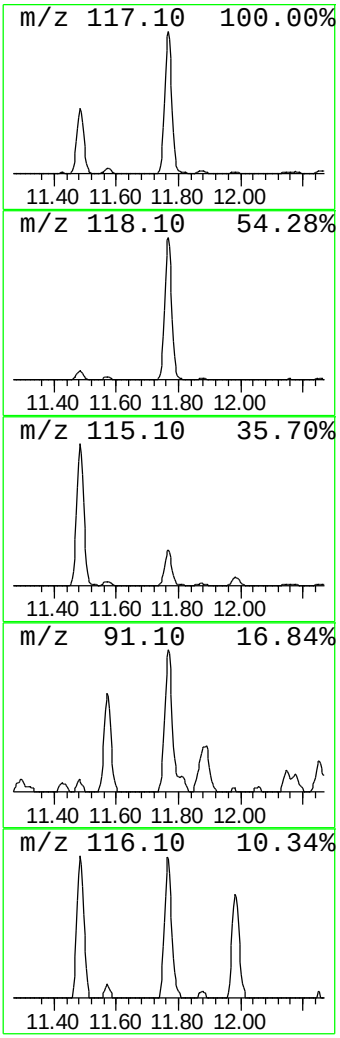
Peak Number 10 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	11.07 ug/l	148373	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	96
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	90
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
Data File : VU027474.D
Acq On : 05 Oct 2018 23:26
Operator : MD/SY
Sample : J5268-05 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.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	1.40	17.0	ug/l	141588	1	4.99	417483	50.0
Butane, 2-methyl-	1.76	56.1	ug/l	468622	1	4.99	417483	50.0
Pentane	1.95	32.5	ug/l	271810	1	4.99	417483	50.0
2-Pentene, (Z)-	2.05	13.9	ug/l	115937	1	4.99	417483	50.0
Cyclopropane, 1,2...	2.19	27.2	ug/l	226915	1	4.99	417483	50.0
Pentane, 2-methyl-	2.75	10.4	ug/l	87087	1	4.99	417483	50.0
Cyclopentane	2.79	19.3	ug/l	161124	1	4.99	417483	50.0
Cyclopentane, met...	4.10	21.9	ug/l	182650	1	4.99	417483	50.0
Benzene, 1-ethyl-...	10.68	25.3	ug/l	338838	4	11.48	670073	50.0
Indane	11.77	11.1	ug/l	148373	4	11.48	670073	50.0