LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121718\
Data File : VW007544.D
Acq On : 14 Dec 2018 19:01
Operator : SY/AP
Sample : J6347-05
Misc : 2.82G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD002-0612-01

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\82W121118S.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	4.958	475	501	530	rBV	721854	3053875	3.02%	0.919%
2	5.434	562	579	613	rBV	931081	3682987	3.65%	1.108%
3	5.940	647	662	684	rBV	2776516	8688900	8.61%	2.614%
4	6.982	821	833	852	rVB	2031731	6517859	6.46%	1.961%
5	7.952	972	992	1002	rBV3	447925	1633145	1.62%	0.491%
6	9.336	1204	1219	1236	rBV	961435	2210100	2.19%	0.665%
7	10.402	1375	1394	1399	rBV3	32907336	100971723	100.00%	30.380%
8	11.664	1591	1601	1606	rBV2	555319	1103018	1.09%	0.332%
9	11.744	1606	1614	1623	rVB	20504487	39117625	38.74%	11.769%
10	11.853	1623	1632	1635	rBV3	35685597	86681683	85.85%	26.080%
11	12.183	1673	1686	1694	rBV	29065747	52770339	52.26%	15.877%
12	12.615	1752	1757	1762	rVB	1350216	2158700	2.14%	0.649%
13	12.811	1781	1789	1793	rBV	726884	1186934	1.18%	0.357%
14	12.871	1793	1799	1802	rBV	2195027	3460318	3.43%	1.041%
15	12.902	1802	1804	1807	rVV	890262	1329684	1.32%	0.400%
16	12.945	1807	1811	1817	rVB2	1451673	2594227	2.57%	0.781%
17	13.109	1831	1838	1844	rBV	733587	1241953	1.23%	0.374%
18	13.256	1856	1862	1868	rBV	3692688	5819715	5.76%	1.751%
19	13.585	1908	1916	1922	rBV2	1612534	2973150	2.94%	0.895%
20	13.877	1959	1964	1969	rBV2	953162	1409174	1.40%	0.424%
21	14.079	1994	1997	2005	rVB3	574793	1515475	1.50%	0.456%
22	14.804	2110	2116	2121	rBV2	442605	1055777	1.05%	0.318%
23	15.371	2205	2209	2216	rVB	672738	1188893	1.18%	0.358%

Sum of corrected areas: 332365254

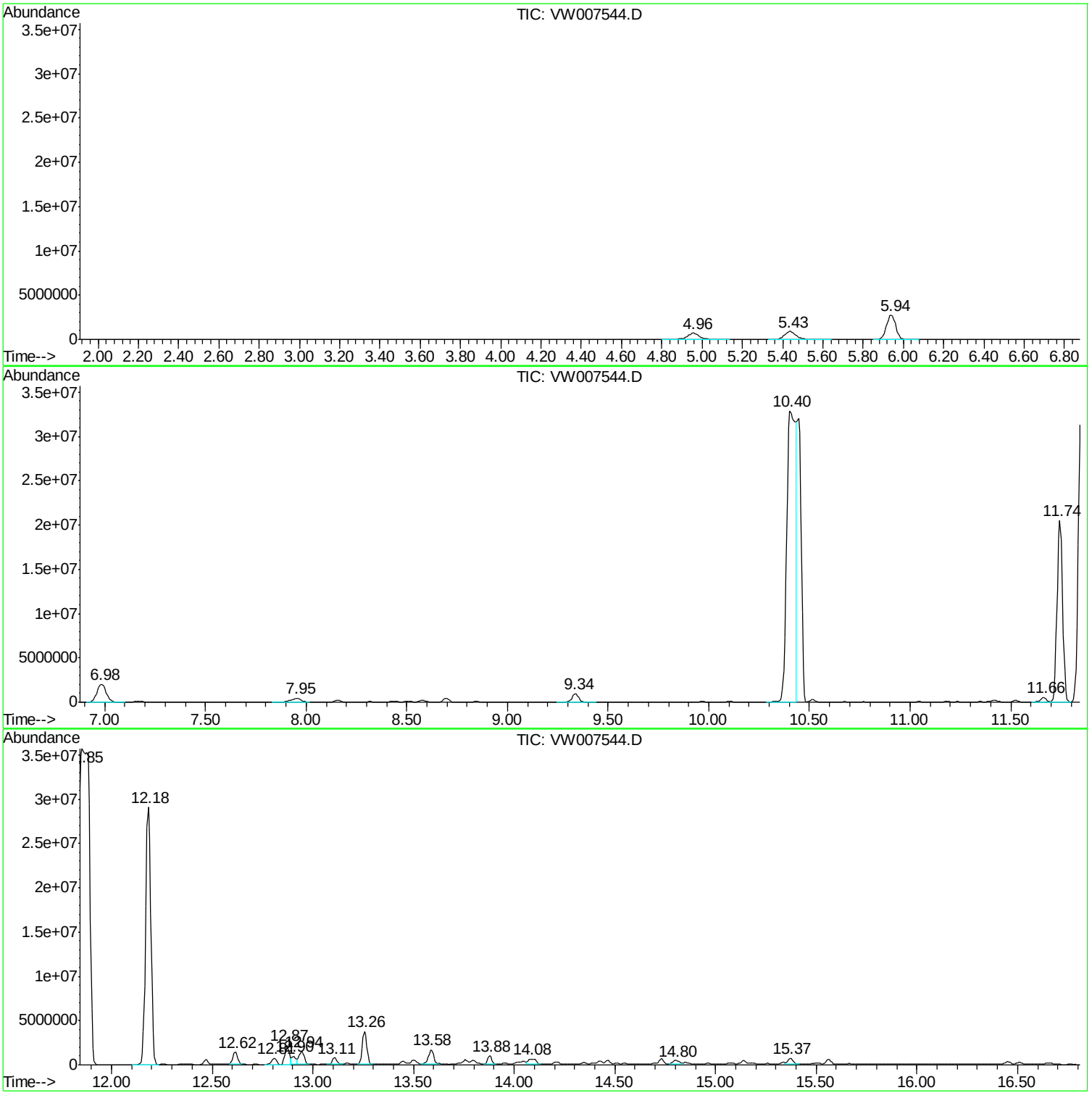
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121718\
Data File : VW007544.D
Acq On : 14 Dec 2018 19:01
Operator : SY/AP
Sample : J6347-05
Misc : 2.82G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SD002-0612-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.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\VW121718\
Data File : VW007544.D
Acq On : 14 Dec 2018 19:01
Operator : SY/AP
Sample : J6347-05
Misc : 2.82G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD002-0612-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

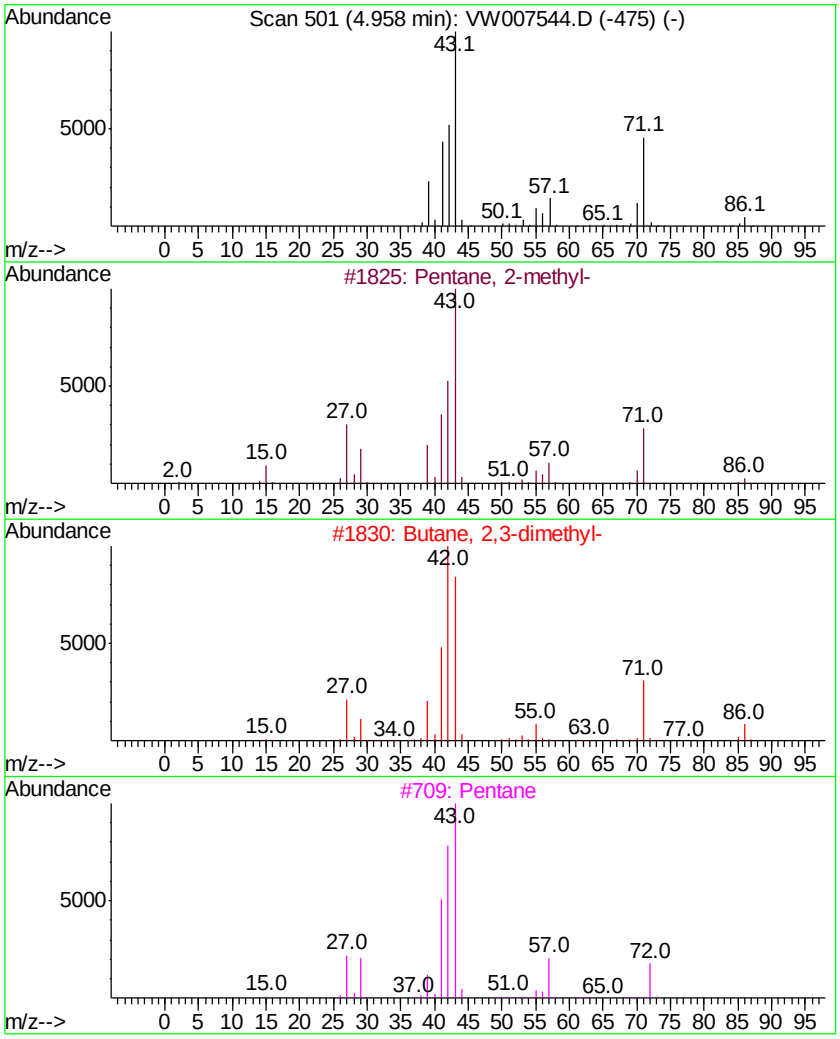
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

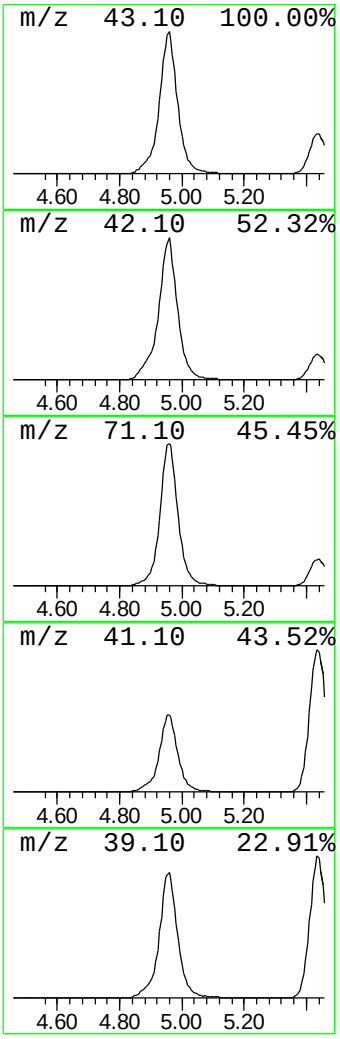
****

Peak Number 1 Pentane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	93.50 ug/l	3053880	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
3	Pentane	72	C5H12	000109-66-0	43
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	42
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38





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Data File : VW007544.D
Acq On : 14 Dec 2018 19:01
Operator : SY/AP
Sample : J6347-05
Misc : 2.82G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD002-0612-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

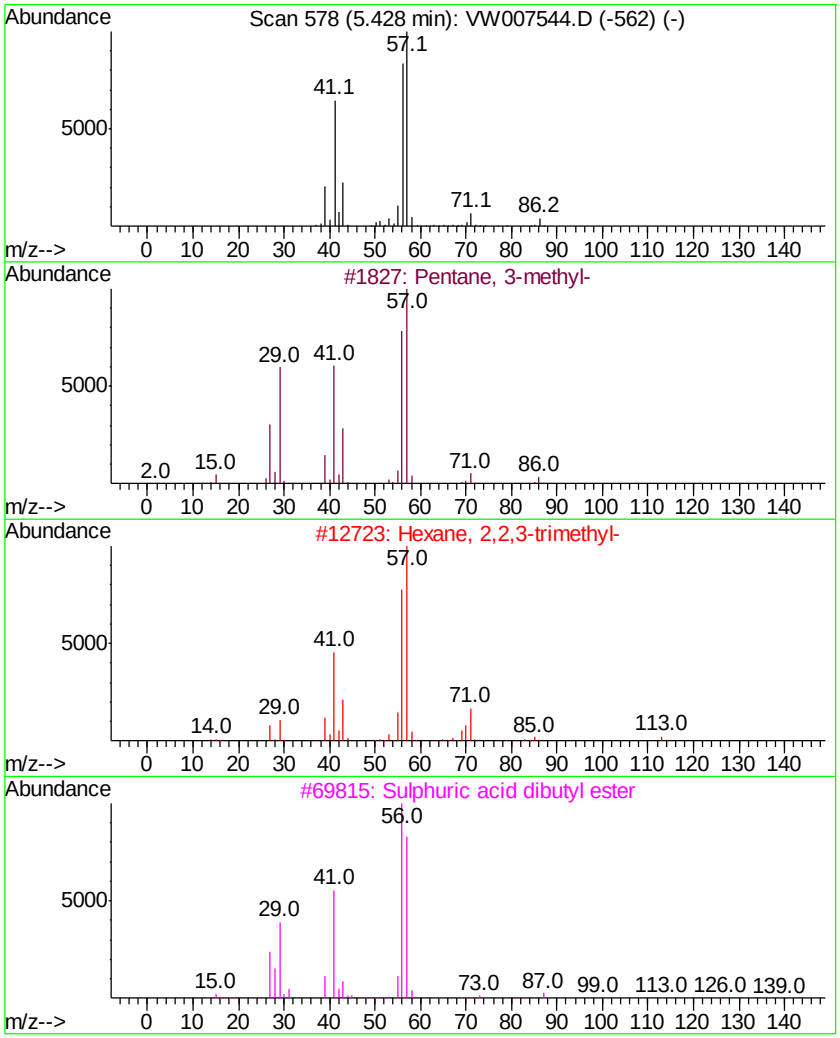
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

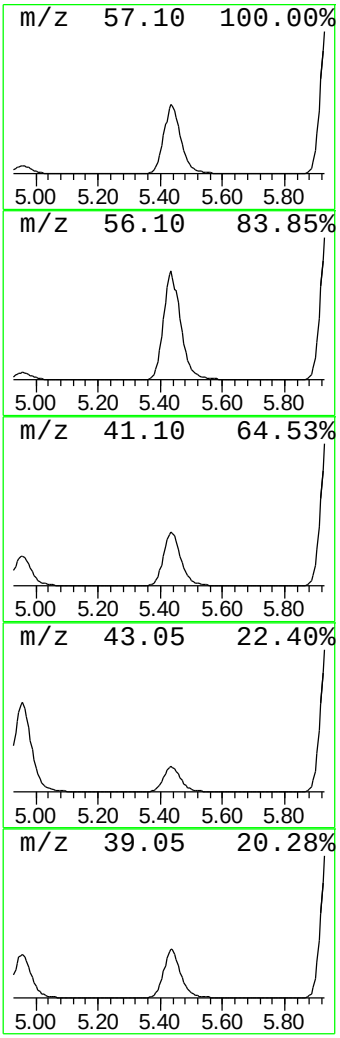
****

Peak Number 2 Pentane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.43	112.76 ug/l	3682990	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
3	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	40
4	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	40
5	n-Hexane	86	C6H14	000110-54-3	38





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121718\
Data File : VW007544.D
Acq On : 14 Dec 2018 19:01
Operator : SY/AP
Sample : J6347-05
Misc : 2.82G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD002-0612-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

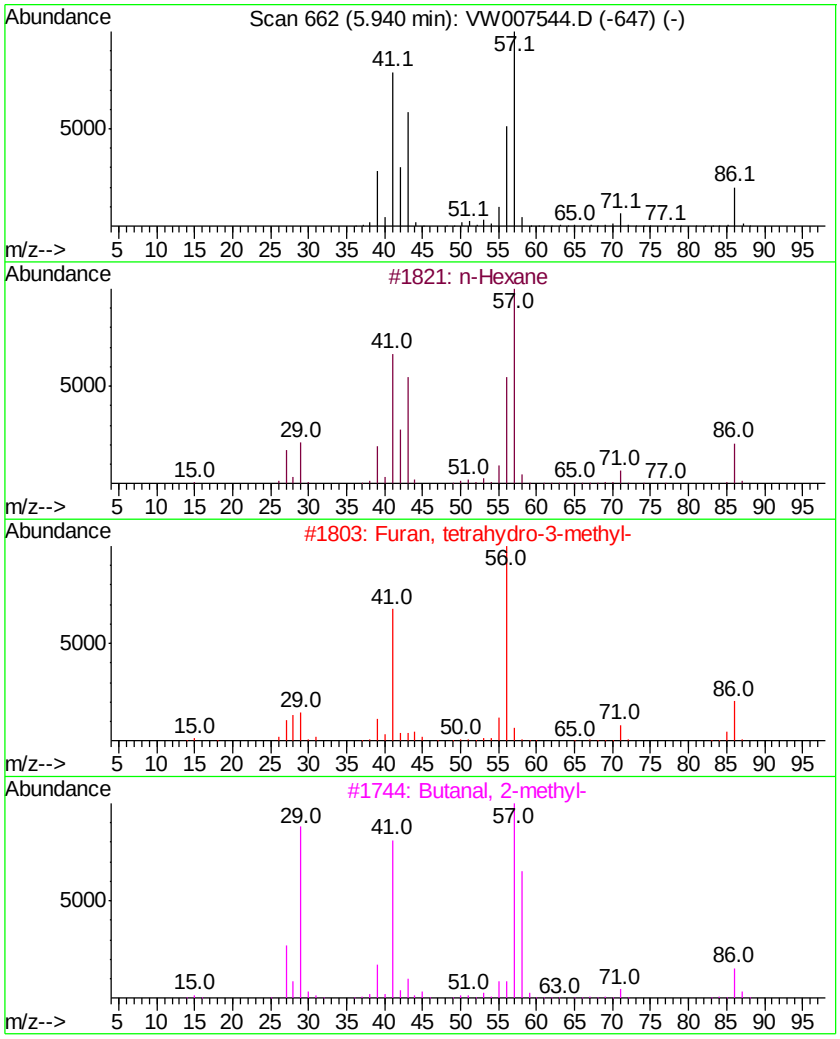
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

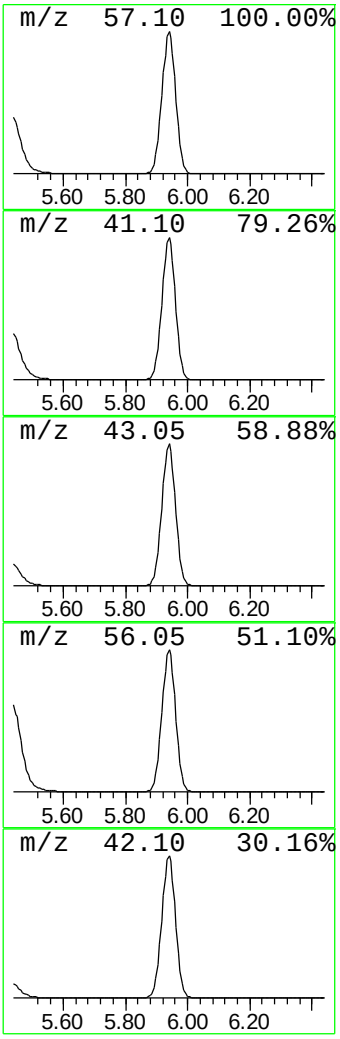
****

Peak Number 3 n-Hexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	266.02 ug/l	8688900	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	50
3	Butanal, 2-methyl-	86	C5H10O	000096-17-3	43
4	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43
5	Pentane, 3-methyl-	86	C6H14	000096-14-0	38





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121718\
Data File : VW007544.D
Acq On : 14 Dec 2018 19:01
Operator : SY/AP
Sample : J6347-05
Misc : 2.82G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD002-0612-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

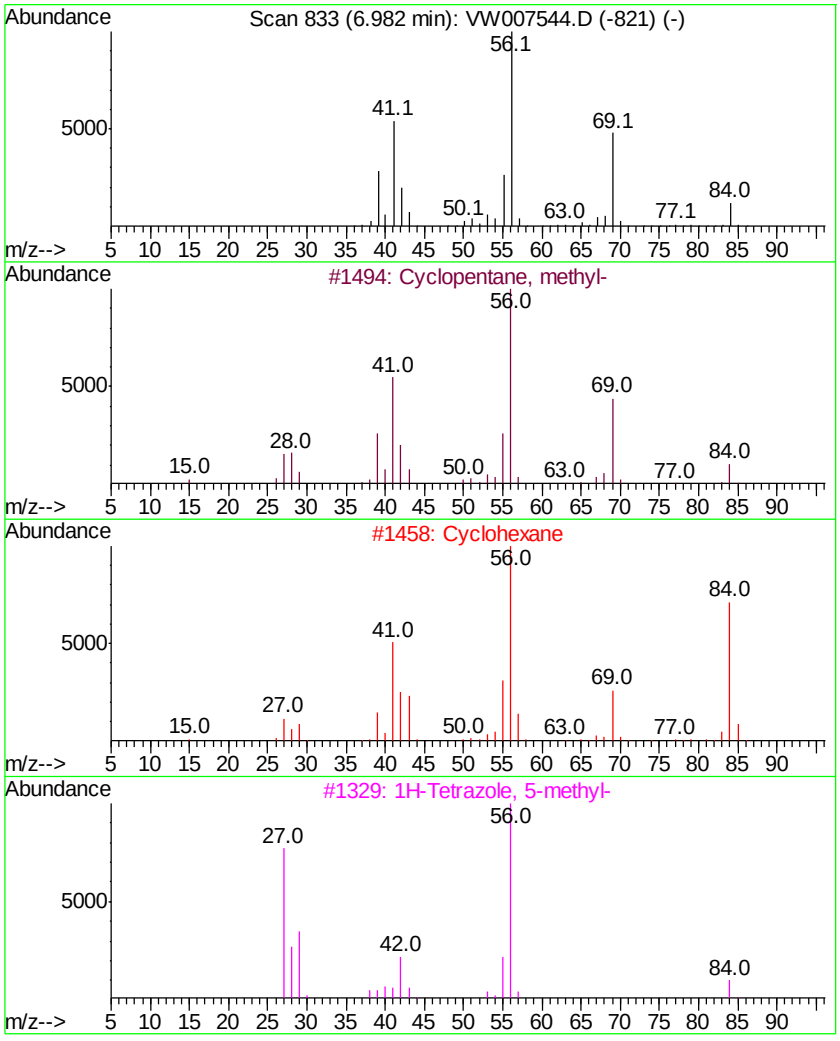
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

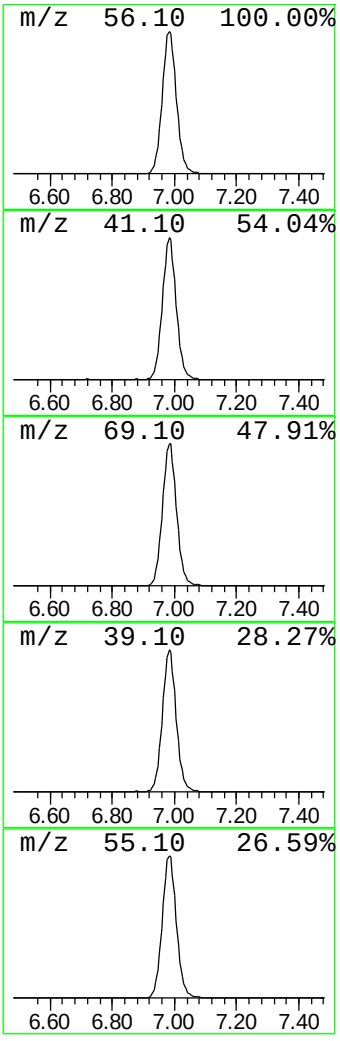
****

Peak Number 4 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	199.55 ug/l	6517860	Pentafluorobenzene	7.95

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	78
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59
5	Cyclobutane	56	C4H8	000287-23-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121718\
Data File : VW007544.D
Acq On : 14 Dec 2018 19:01
Operator : SY/AP
Sample : J6347-05
Misc : 2.82G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD002-0612-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

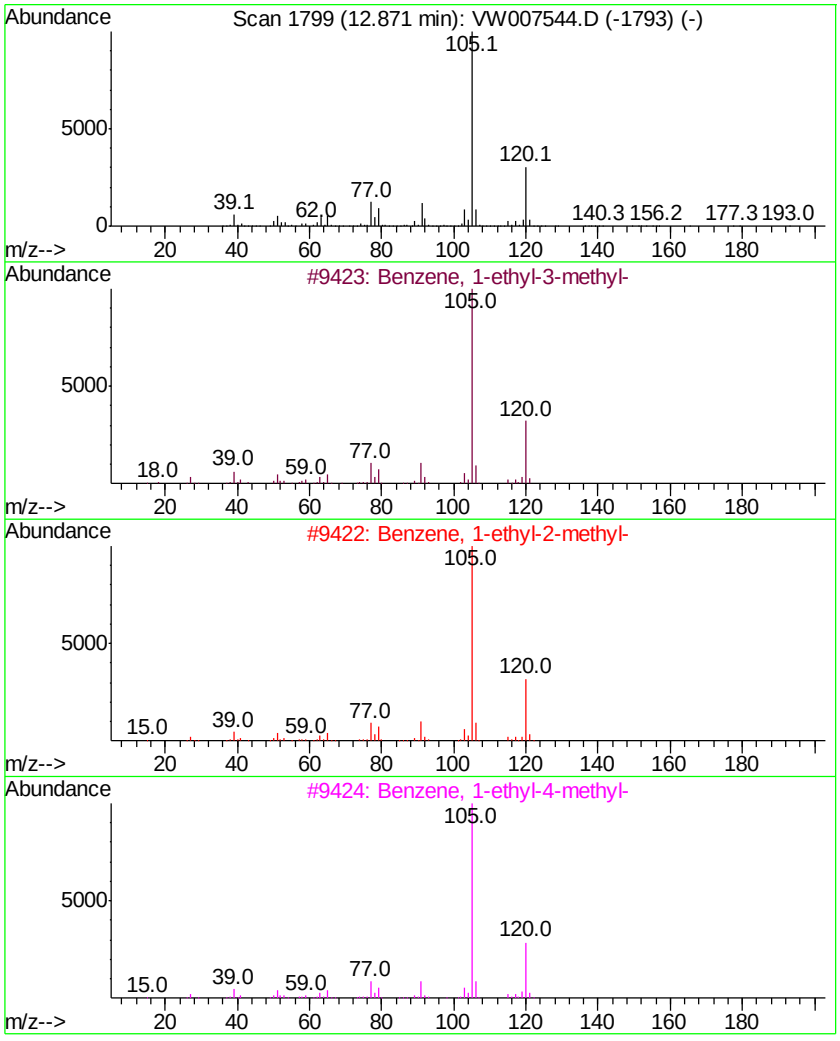
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

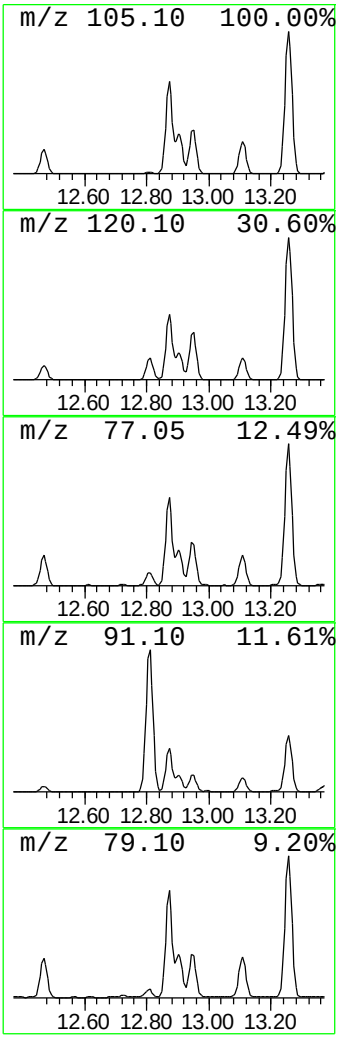
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	58.19 ug/l	3460320	1,4-Dichlorobenzene-d4	13.56

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





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121718\
Data File : VW007544.D
Acq On : 14 Dec 2018 19:01
Operator : SY/AP
Sample : J6347-05
Misc : 2.82G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD002-0612-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

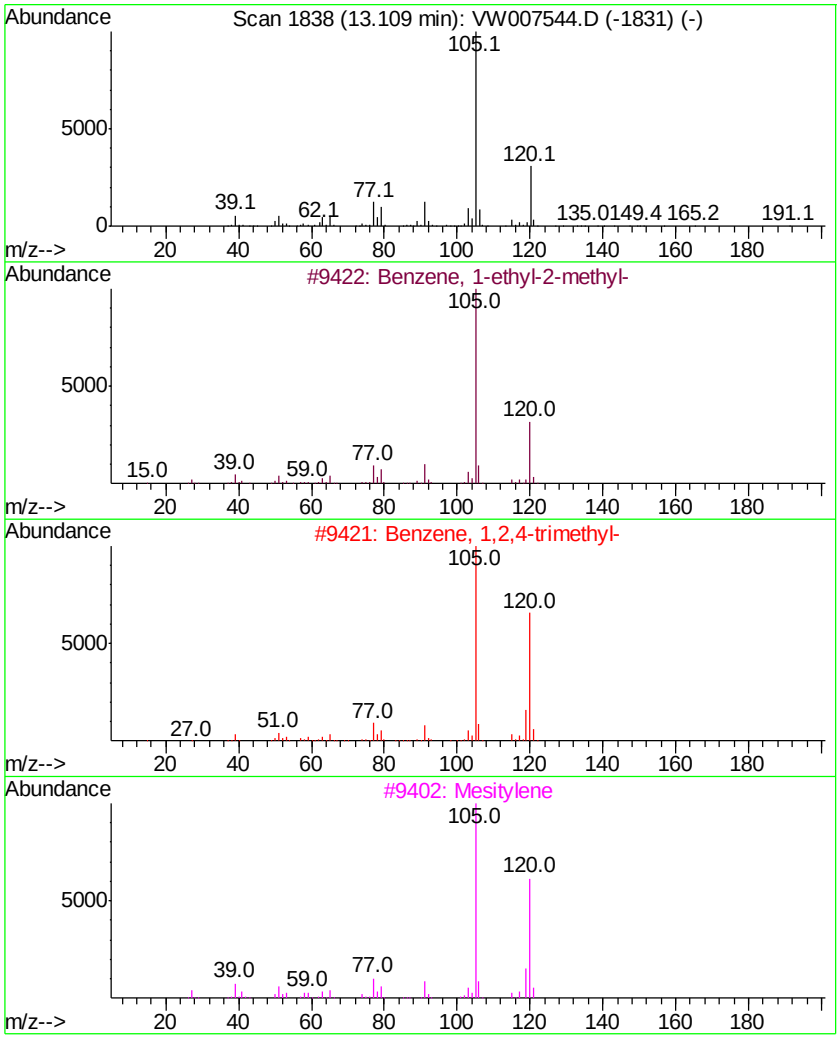
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

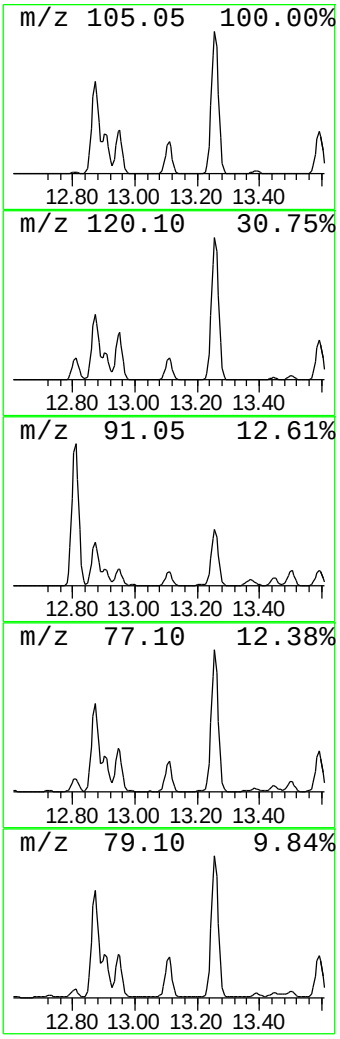
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	20.89 ug/l	1241950	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Data File : VW007544.D
Acq On : 14 Dec 2018 19:01
Operator : SY/AP
Sample : J6347-05
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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD002-0612-01

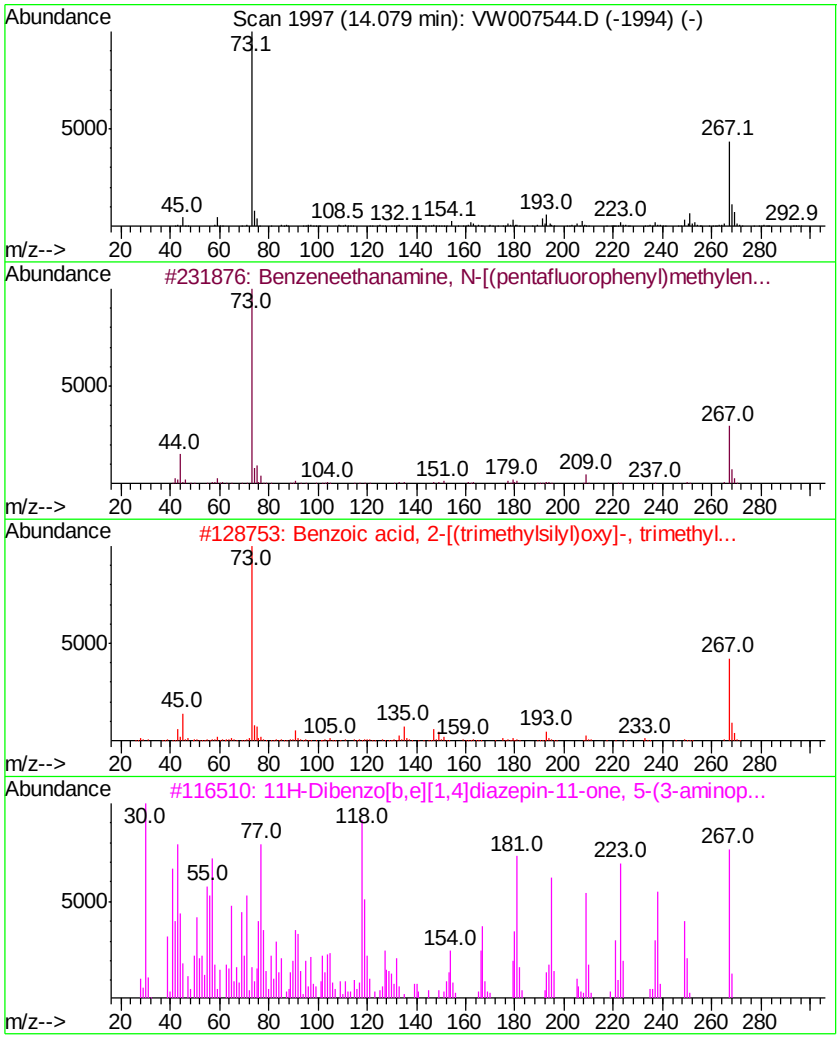
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

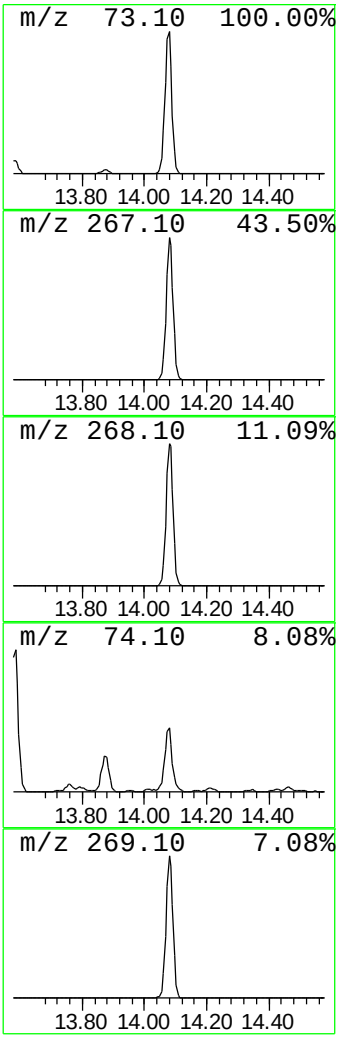
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzeneethanamine, N-[(pent... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	25.49 ug/l	1515480	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	64
2	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	50
3	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	43
4	Trimethylsilyloxyethane, 2-(3-tr...	282	C14H26O2Si2	1000365-49-0	25
5	4-Methylcatechol, bis(trimethyls...	268	C13H24O2Si2	1000332-79-9	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121718\
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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD002-0612-01

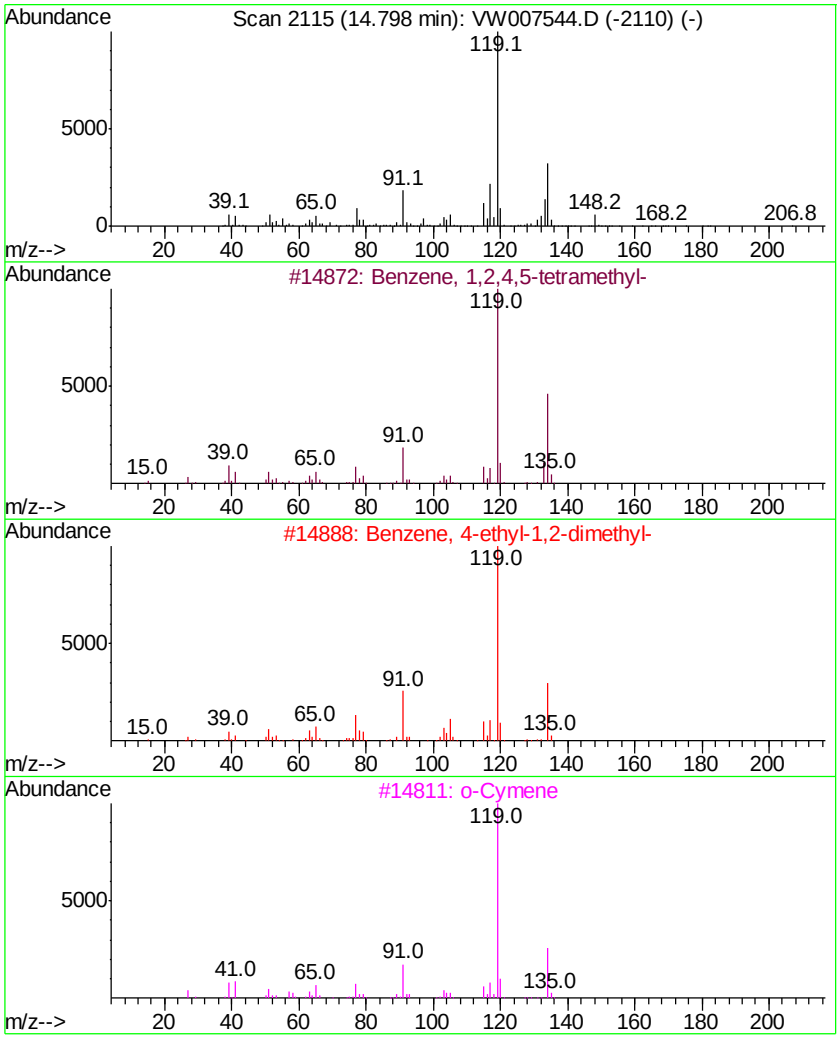
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

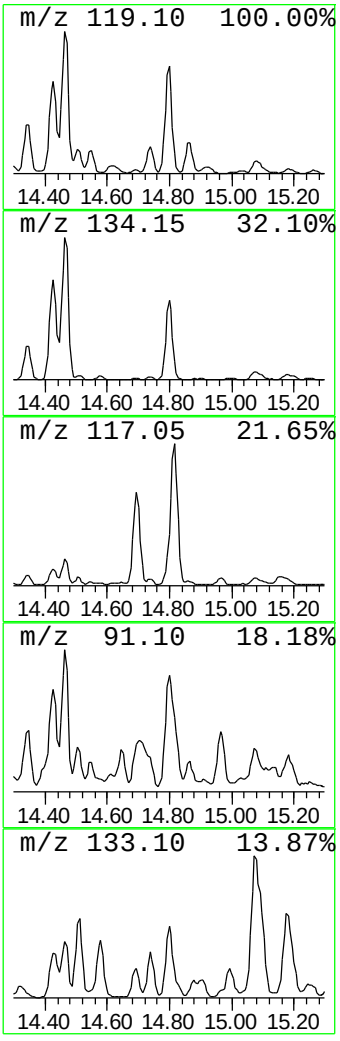
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	17.76 ug/l	1055780	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
3	o-Cymene	134	C10H14	000527-84-4	60
4	p-Cymene	134	C10H14	000099-87-6	60
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121718\
Data File : VW007544.D
Acq On : 14 Dec 2018 19:01
Operator : SY/AP
Sample : J6347-05
Misc : 2.82G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD002-0612-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.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
Pentane, 2-methyl-	4.96	93.5	ug/l	3053880	1	7.95	1633150	50.0
Pentane, 3-methyl-	5.43	112.8	ug/l	3682990	1	7.95	1633150	50.0
n-Hexane	5.94	266.0	ug/l	8688900	1	7.95	1633150	50.0
Cyclopentane, met...	6.98	199.6	ug/l	6517860	1	7.95	1633150	50.0
Benzene, 1-ethyl-...	12.87	58.2	ug/l	3460320	4	13.56	2973150	50.0
Benzene, 1-ethyl-...	13.11	20.9	ug/l	1241950	4	13.56	2973150	50.0
Benzeneethanamine...	14.08	25.5	ug/l	1515480	4	13.56	2973150	50.0
Benzene, 1,2,4,5-...	14.80	17.8	ug/l	1055780	4	13.56	2973150	50.0