LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
Data File : VX011004.D
Acq On : 19 Jul 2019 15:51
Operator : JC/SP
Sample : K3884-19
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0619

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\82X071619W.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	1.404	37	41	49	rBV	3213244	3782159	3.23%	0.889%
2	1.788	98	104	116	rBV	1899741	2725600	2.33%	0.641%
3	2.001	134	139	153	rVB	2697017	3945217	3.37%	0.927%
4	2.355	190	197	206	rBV	1437630	2779045	2.38%	0.653%
5	2.446	206	212	231	rVB	11915746	20949966	17.92%	4.924%
6	2.891	280	285	288	rVV	1070320	2189655	1.87%	0.515%
7	2.934	288	292	314	rVB	1260330	2642485	2.26%	0.621%
8	3.172	320	331	348	rVB	941079	2191753	1.87%	0.515%
9	3.525	379	389	404	rBV	1315582	3019025	2.58%	0.710%
10	4.409	522	534	549	rVB	3057958	9013009	7.71%	2.118%
11	5.586	716	727	737	rBV	2494235	7818200	6.69%	1.838%
12	5.933	771	784	797	rBV5	416475	1394487	1.19%	0.328%
13	7.464	1024	1035	1045	rVB	3233486	7383400	6.31%	1.735%
14	8.817	1246	1257	1263	rVV3	43151795	116930921	100.00%	27.484%
15	10.256	1487	1493	1499	rBV	21041529	30742476	26.29%	7.226%
16	10.378	1502	1513	1518	rBV2	45174419	81743451	69.91%	19.214%
17	10.707	1560	1567	1572	rVB	30502409	44057594	37.68%	10.356%
18	11.018	1613	1618	1628	rVB	2361648	2887317	2.47%	0.679%
19	11.359	1669	1674	1679	rVB	2600664	3133568	2.68%	0.737%
20	11.432	1680	1686	1694	rVV	8909929	16163938	13.82%	3.799%
21	11.506	1694	1698	1708	rVB	5590568	6654340	5.69%	1.564%
22	11.664	1719	1724	1730	rBV	4911074	6318547	5.40%	1.485%
23	11.810	1742	1748	1753	rVB	14835296	18437496	15.77%	4.334%
24	12.072	1786	1791	1797	rVB2	910261	1393540	1.19%	0.328%
25	12.140	1797	1802	1808	rBV	6677177	8389476	7.17%	1.972%
26	12.298	1822	1828	1835	rBV2	2422406	3698801	3.16%	0.869%
27	12.371	1835	1840	1849	rVB3	1136515	1719147	1.47%	0.404%
28	13.341	1995	1999	2005	rVB2	1447149	2086803	1.78%	0.490%
29	13.475	2016	2021	2028	rVB	1098161	1394324	1.19%	0.328%
30	13.834	2071	2080	2088	rVB	4929100	6275089	5.37%	1.475%
31	14.694	2213	2221	2232	rVB	1756415	2166591	1.85%	0.509%
32	14.834	2239	2244	2253	rBV	1115038	1418265	1.21%	0.333%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
Data File : VX011004.D
Acq On : 19 Jul 2019 15:51
Operator : JC/SP
Sample : K3884-19
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0619

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\82X071619W.M
Title : SW846 8260

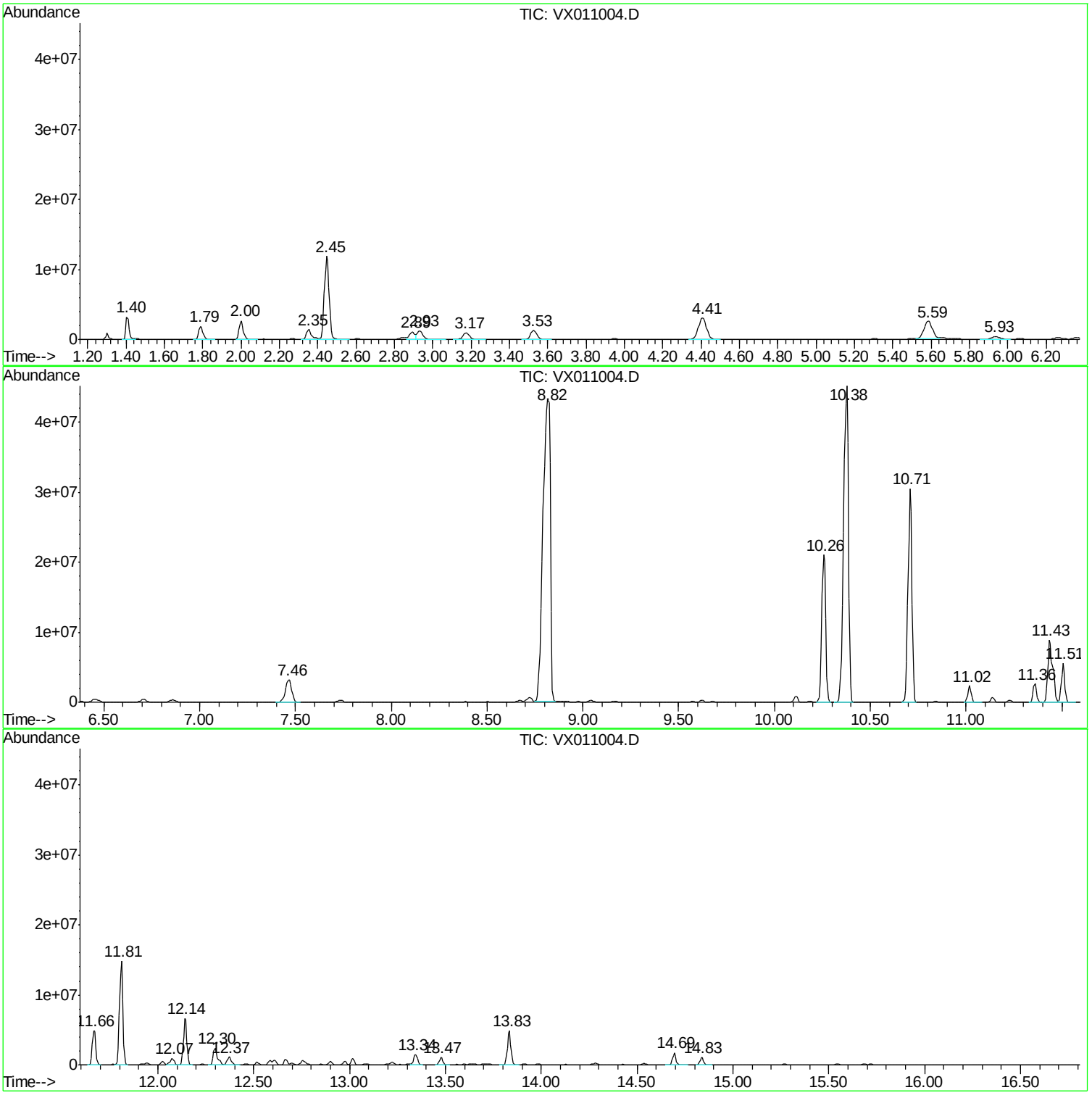
Sum of corrected areas: 425445685

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
Data File : VX011004.D
Acq On : 19 Jul 2019 15:51
Operator : JC/SP
Sample : K3884-19
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0619

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
Data File : VX011004.D
Acq On : 19 Jul 2019 15:51
Operator : JC/SP
Sample : K3884-19
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0619

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

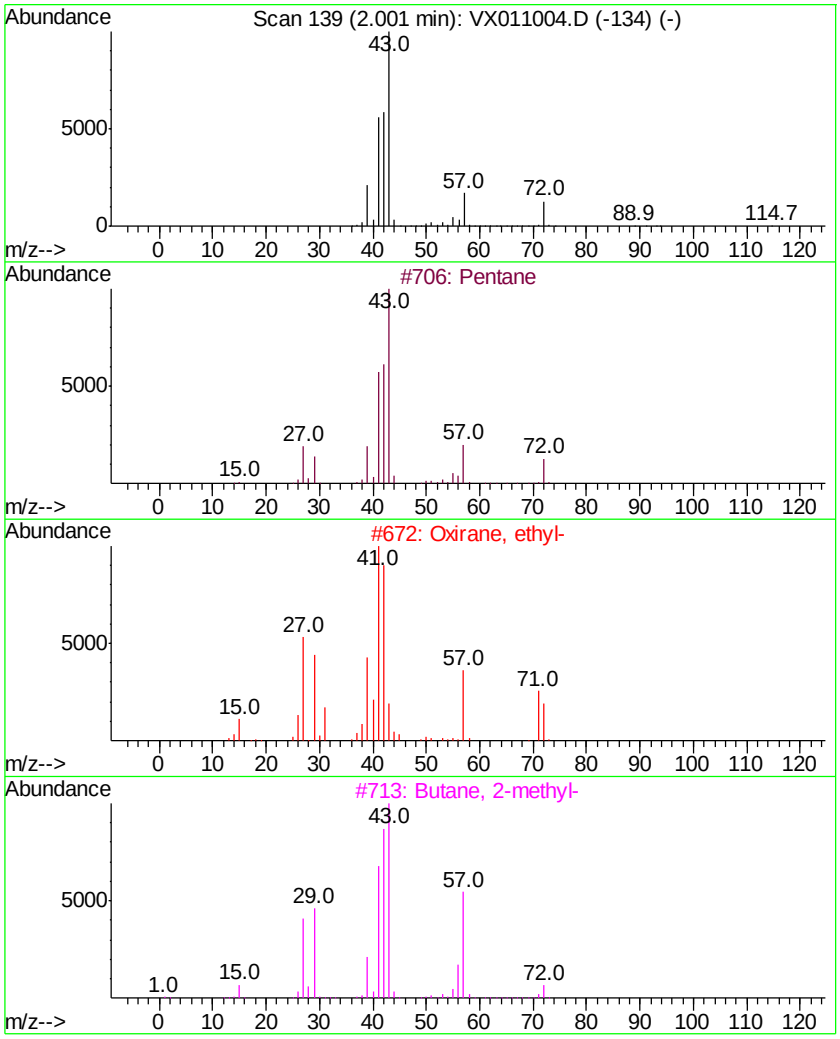
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

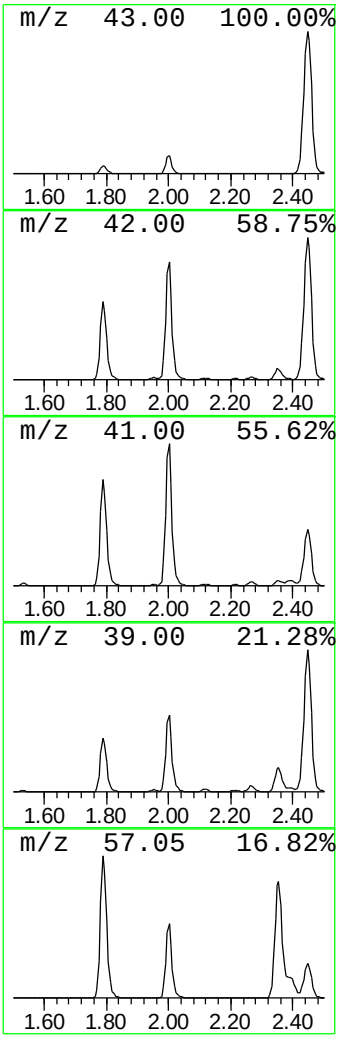
****

Peak Number 1 Pentane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	25.23 ug/l	3945220	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	50
3	Butane, 2-methyl-	72	C5H12	000078-78-4	38
4	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	35
5	Tetrahydrofuran	72	C4H8O	000109-99-9	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072019\
Data File : VX011004.D
Acq On : 19 Jul 2019 15:51
Operator : JC/SP
Sample : K3884-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0619

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

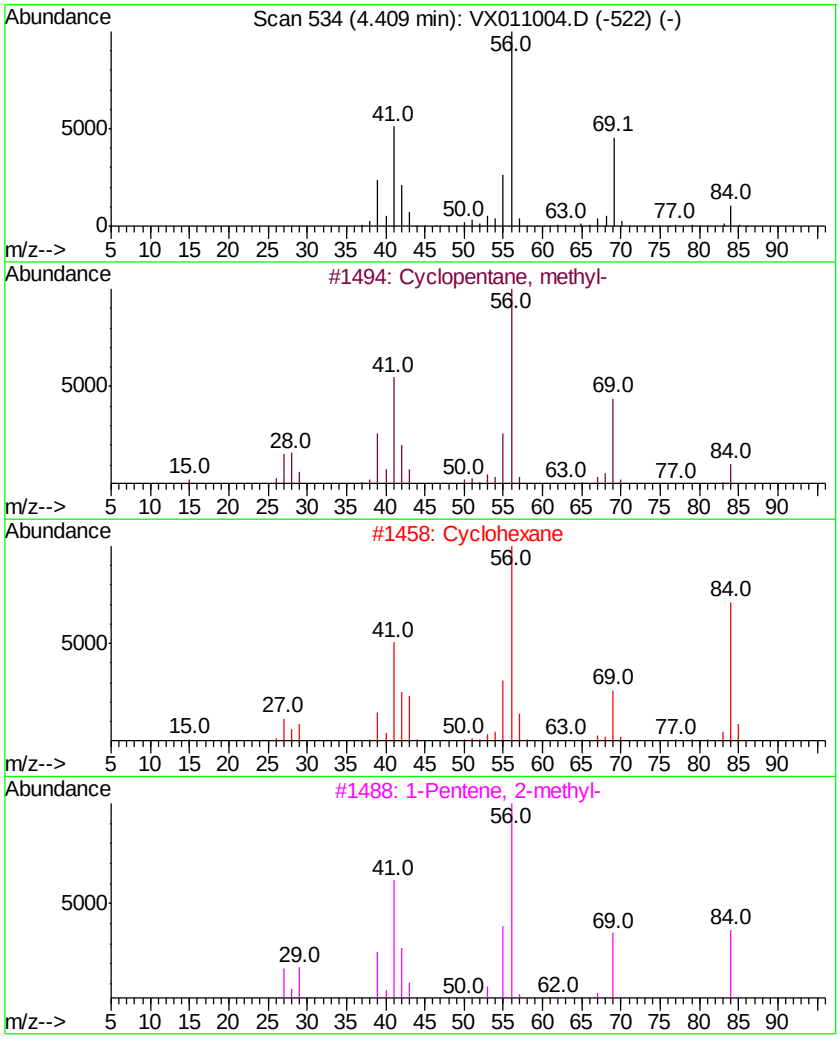
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

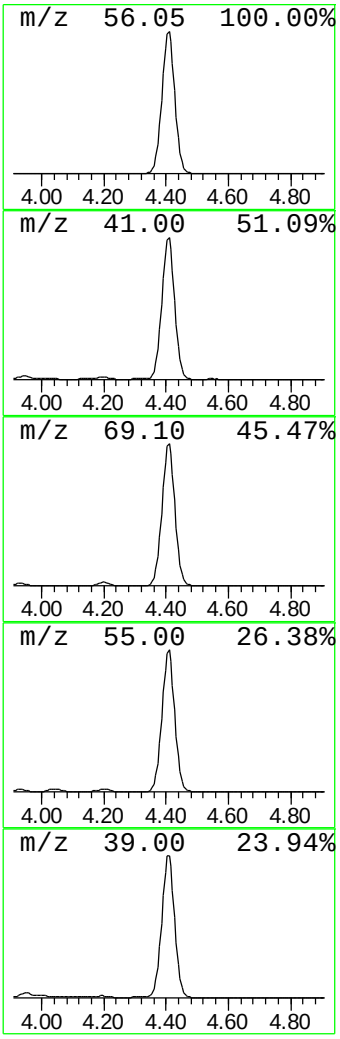
****

Peak Number 2 Cyclopentane, methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	57.64 ug/l	9013010	Pentafluorobenzene	5.67

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	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072019\
Data File : VX011004.D
Acq On : 19 Jul 2019 15:51
Operator : JC/SP
Sample : K3884-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0619

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

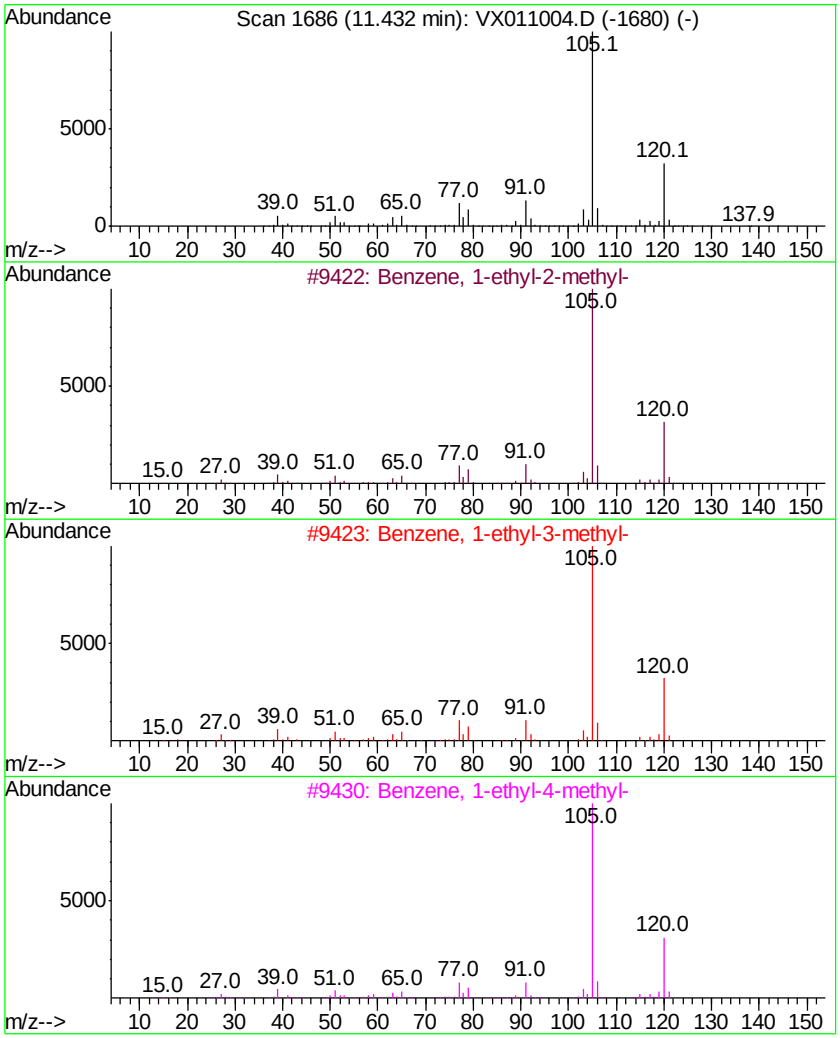
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

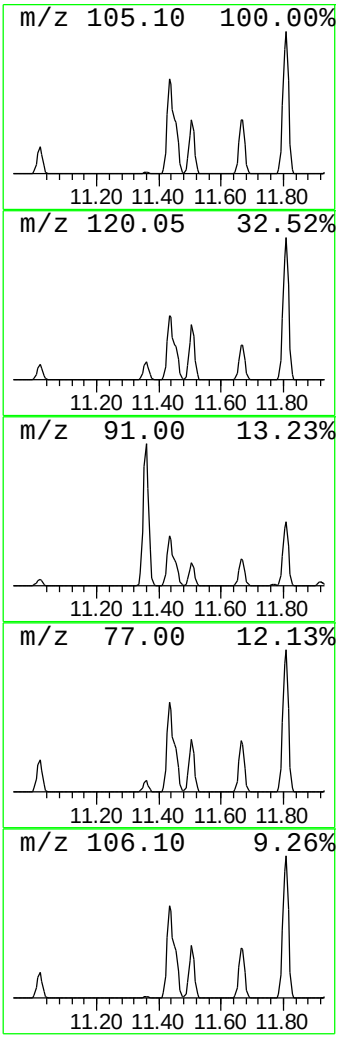
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	579.96 ug/l	16163900	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072019\
Data File : VX011004.D
Acq On : 19 Jul 2019 15:51
Operator : JC/SP
Sample : K3884-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0619

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

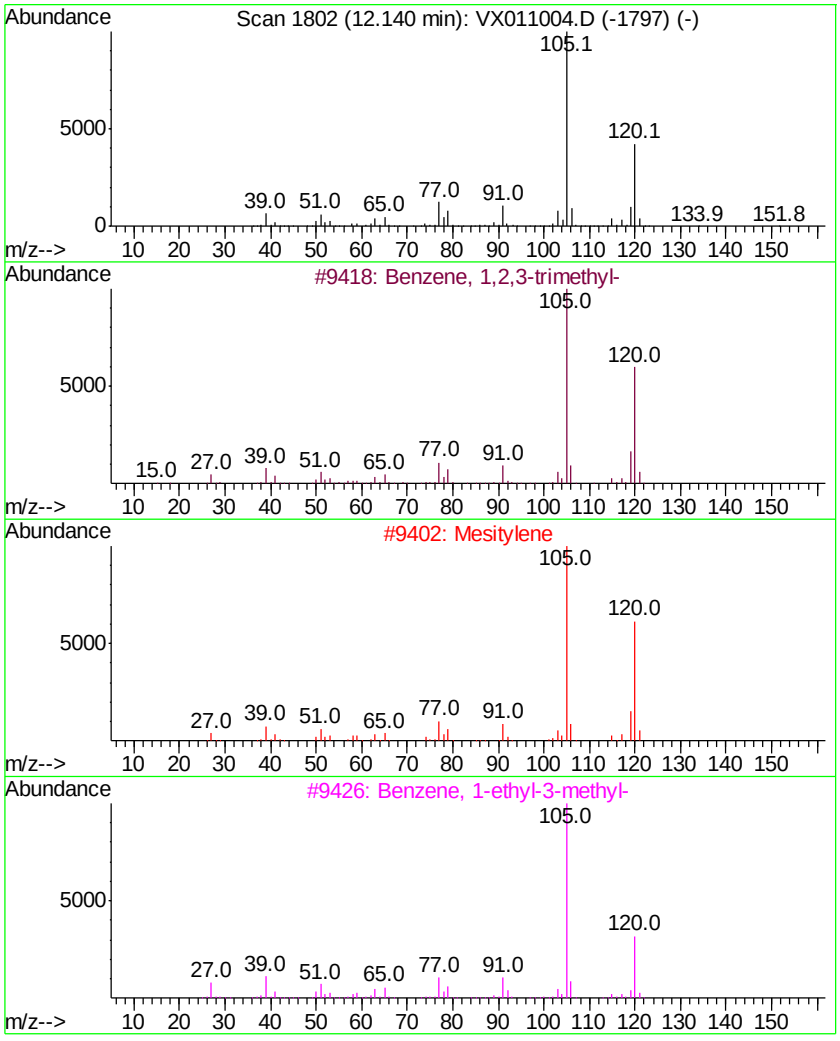
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

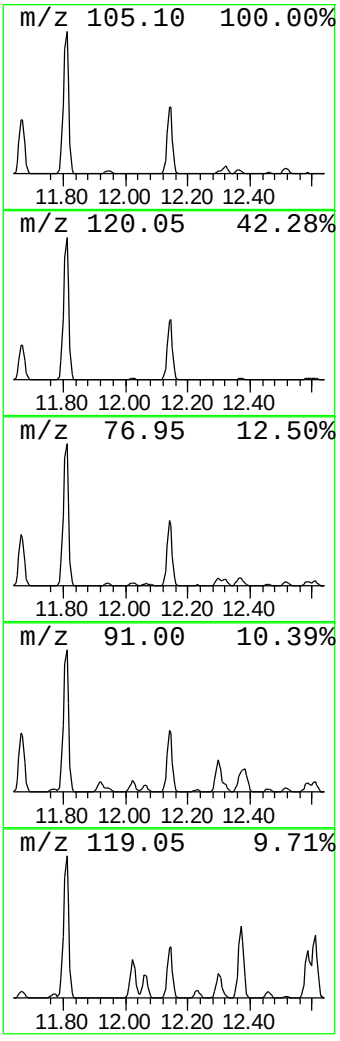
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	301.01 ug/l	8389480	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
Data File : VX011004.D
Acq On : 19 Jul 2019 15:51
Operator : JC/SP
Sample : K3884-19
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0619

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

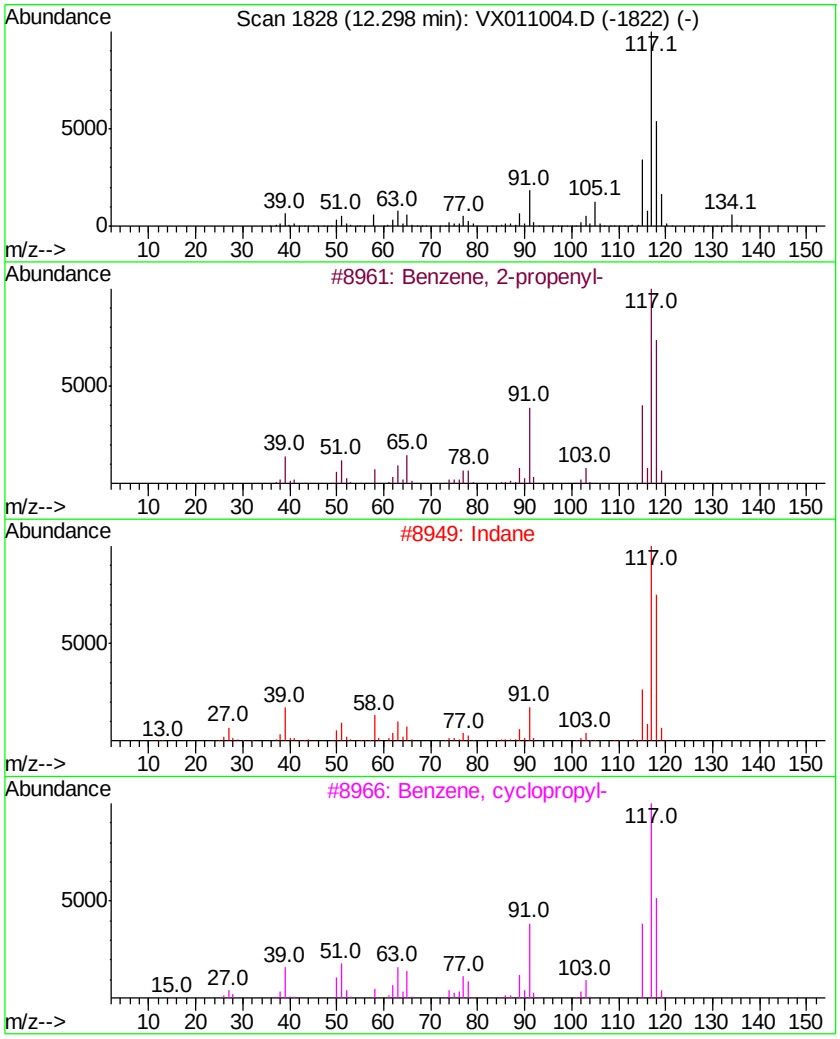
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

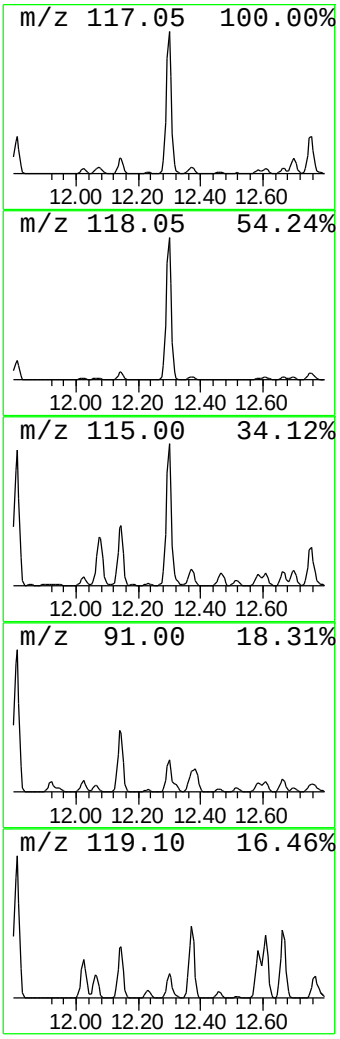
****

Peak Number 6 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	132.71 ug/l	3698800	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59
5	Deltacyclene	118	C9H10	007785-10-6	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
Data File : VX011004.D
Acq On : 19 Jul 2019 15:51
Operator : JC/SP
Sample : K3884-19
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0619

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

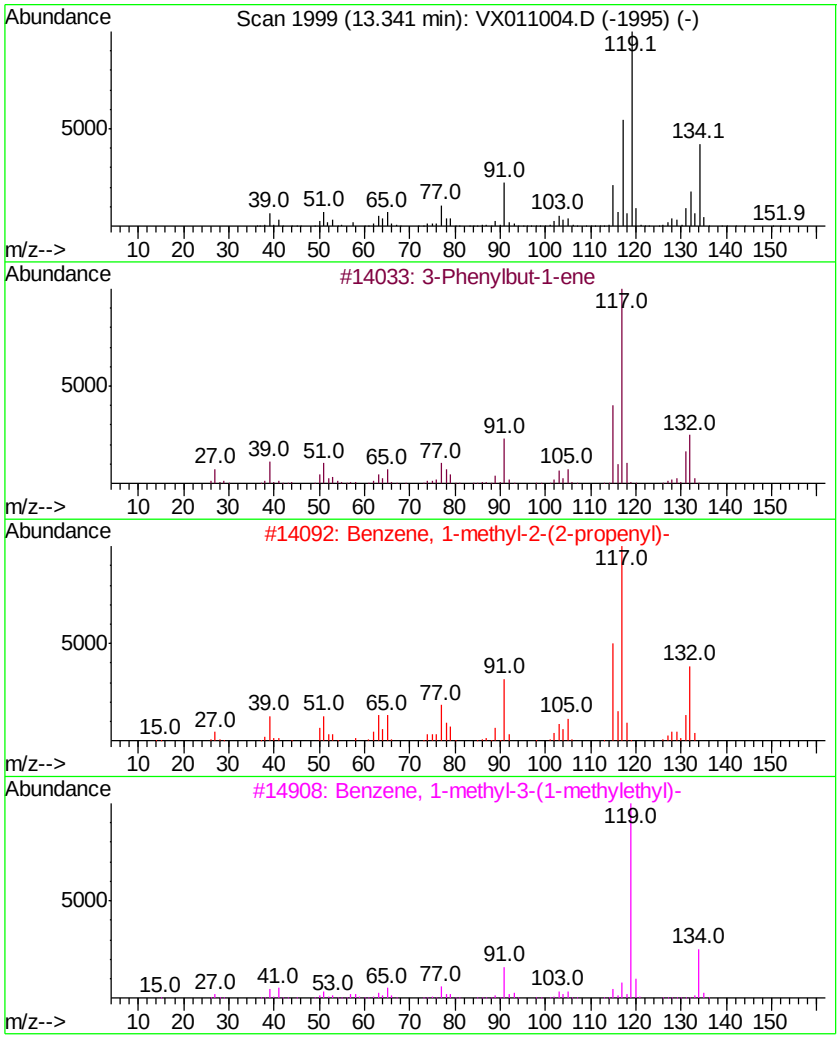
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

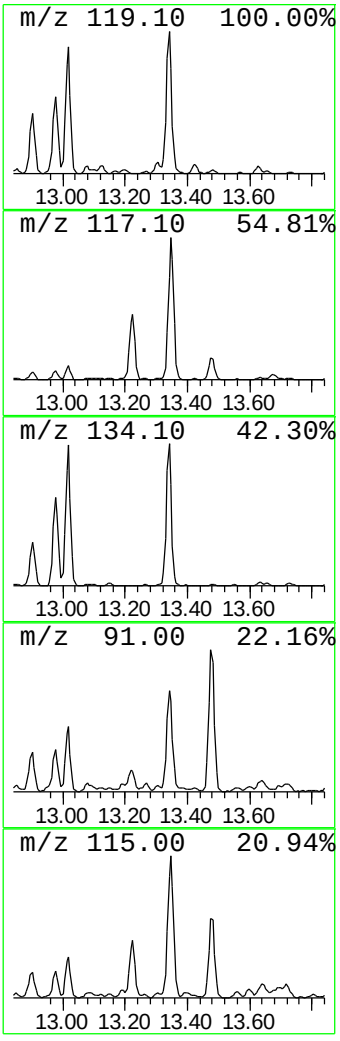
****

Peak Number 7 3-Phenylbut-1-ene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	74.87 ug/l	2086800	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
4	o-Cymene	134	C10H14	000527-84-4	64
5	p-Cymene	134	C10H14	000099-87-6	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072019\
Data File : VX011004.D
Acq On : 19 Jul 2019 15:51
Operator : JC/SP
Sample : K3884-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0619

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

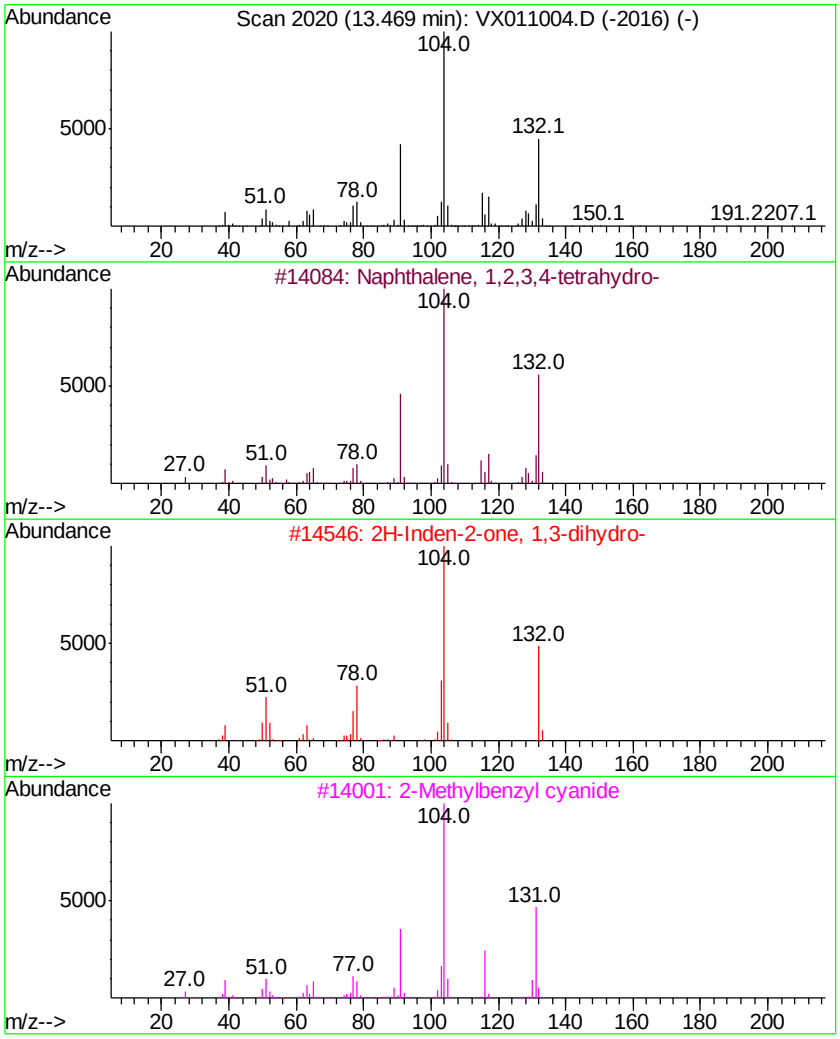
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

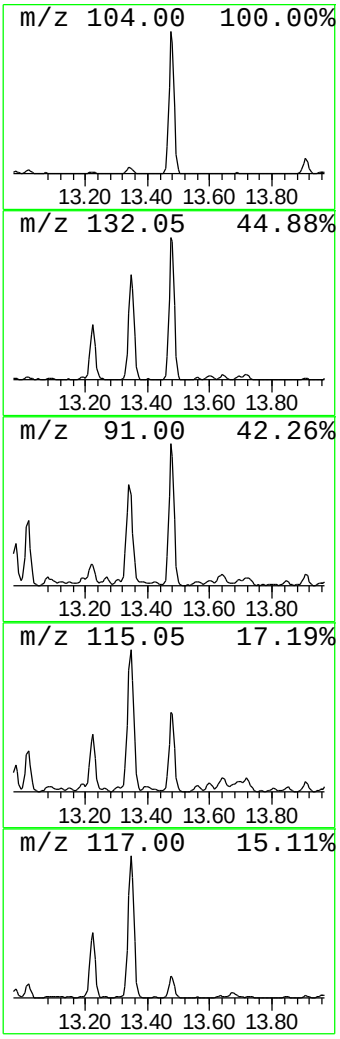
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	50.03 ug/l	1394320	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	96
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
3	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46
4	2-Phenylethylamine, N,N-di(trifl...	313	C12H9F6NO2	1000328-32-5	38
5	Acetic acid, 2-phenylethyl ester	164	C10H12O2	000103-45-7	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
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Acq On : 19 Jul 2019 15:51
Operator : JC/SP
Sample : K3884-19
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0619

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

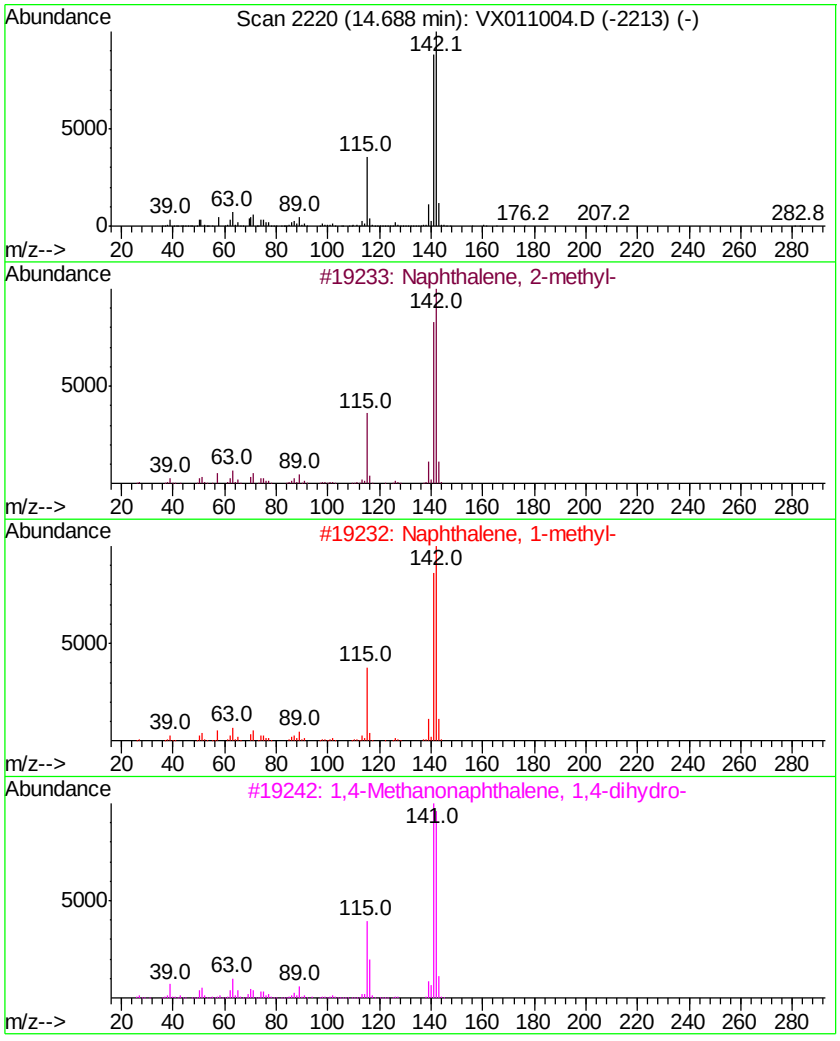
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

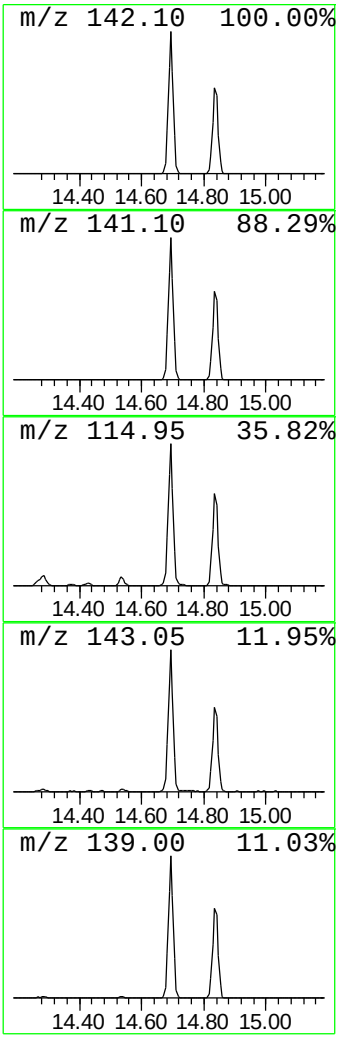
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	77.74 ug/l	2166590	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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072019\
Data File : VX011004.D
Acq On : 19 Jul 2019 15:51
Operator : JC/SP
Sample : K3884-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0619

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.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	2.00	25.2	ug/l	3945220	1	5.67	7818200	50.0
Cyclopentane, met...	4.41	57.6	ug/l	9013010	1	5.67	7818200	50.0
Benzene, 1-ethyl-...	11.43	580.0	ug/l	16163900	4	12.08	1393540	50.0
Benzene, 1,2,3-tr...	12.14	301.0	ug/l	8389480	4	12.08	1393540	50.0
Benzene, 2-propenyl-	12.30	132.7	ug/l	3698800	4	12.08	1393540	50.0
3-Phenylbut-1-ene	13.34	74.9	ug/l	2086800	4	12.08	1393540	50.0
Naphthalene, 1,2,...	13.47	50.0	ug/l	1394320	4	12.08	1393540	50.0
Naphthalene, 1-me...	14.69	77.7	ug/l	2166590	4	12.08	1393540	50.0