LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111919\
Data File : VV013680.D
Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\METHOD\SOMVTR111519WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.116	3	8	14	rVB3	28253	29523	1.59%	0.120%
2	1.225	33	42	47	rBV3	33539	49612	2.68%	0.201%
3	1.319	62	71	77	rBV	210185	213837	11.55%	0.867%
4	1.582	146	153	162	rVB	159500	179356	9.68%	0.727%
5	1.647	164	173	186	rVB	906109	1105311	59.68%	4.481%
6	1.823	219	228	242	rVB	279496	354711	19.15%	1.438%
7	1.920	250	258	266	rVB	40347	54597	2.95%	0.221%
8	2.000	277	283	290	rBV3	13191	20846	1.13%	0.085%
9	2.042	292	296	310	rVV	22642	37275	2.01%	0.151%
10	2.129	313	323	350	rVB2	303433	584301	31.55%	2.369%
11	2.524	434	446	449	rVV	97142	158280	8.55%	0.642%
12	2.557	451	456	466	rVV	172959	294745	15.92%	1.195%
13	2.605	466	471	484	rVB3	31459	61187	3.30%	0.248%
14	2.791	516	529	546	rVB2	136334	272642	14.72%	1.105%
15	2.975	576	586	601	rBV10	8976	20237	1.09%	0.082%
16	3.077	605	618	630	rBV3	39109	78282	4.23%	0.317%
17	3.193	644	654	663	rBV8	9407	19587	1.06%	0.079%
18	3.264	663	676	683	rBV5	18207	38232	2.06%	0.155%
19	3.405	708	720	731	rBV5	9739	20290	1.10%	0.082%
20	3.489	736	746	759	rVB7	10488	25062	1.35%	0.102%
21	3.621	776	787	800	rVB7	11790	28769	1.55%	0.117%
22	3.711	804	815	826	rVB6	10728	25147	1.36%	0.102%
23	3.807	830	845	866	rBV3	82616	209734	11.32%	0.850%
24	3.923	866	881	909	rBV	211070	558171	30.14%	2.263%
25	4.399	1011	1029	1052	rBV	236338	583696	31.52%	2.366%
26	4.724	1115	1130	1142	rBV5	38930	94414	5.10%	0.383%
27	4.814	1142	1158	1178	rVB3	25407	74763	4.04%	0.303%
28	5.093	1223	1245	1273	rBV2	549564	1429149	77.17%	5.794%
29	5.280	1293	1303	1318	rVB3	24829	66512	3.59%	0.270%
30	5.659	1409	1421	1450	rBV	416180	856098	46.23%	3.470%
31	5.955	1500	1513	1530	rBV	12161	36229	1.96%	0.147%
32	6.113	1546	1562	1594	rBV	325709	708023	38.23%	2.870%
33	6.691	1736	1742	1757	rVB9	10764	21842	1.18%	0.089%
34	6.836	1768	1787	1789	rBV10	12928	30059	1.62%	0.122%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111919\
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Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\METHOD\SOMVTR111519WMA.M
Title : TRACE VOA SOM01.0

35	7.026	1832	1846	1863	rBV	157974	284209	15.35%	1.152%
36	7.357	1936	1949	1962	rBV	653823	1133731	61.22%	4.596%
37	7.428	1962	1971	1994	rVB	194201	347896	18.79%	1.410%
38	7.659	2034	2043	2061	rVB	96553	169663	9.16%	0.688%
39	8.129	2178	2189	2227	rBV	657676	1397207	75.44%	5.664%
40	8.891	2412	2426	2445	rBV	623693	1023397	55.26%	4.149%
41	9.051	2464	2476	2489	rBV	328059	525799	28.39%	2.131%
42	9.177	2501	2515	2532	rBV	1152788	1851967	100.00%	7.508%
43	9.582	2628	2641	2658	rBV	237578	386067	20.85%	1.565%
44	9.971	2752	2762	2772	rBV2	24401	36775	1.99%	0.149%
45	10.254	2840	2850	2863	rBV	254580	398497	21.52%	1.615%
46	10.392	2882	2893	2911	rBV	121397	220704	11.92%	0.895%
47	10.486	2911	2922	2941	rVV	351902	816779	44.10%	3.311%
48	10.579	2941	2951	2962	rVB	164693	248786	13.43%	1.009%
49	10.778	3000	3013	3029	rBV	136687	225784	12.19%	0.915%
50	10.955	3052	3068	3086	rBV	828855	1247547	67.36%	5.057%
51	11.289	3161	3172	3186	rVV	692480	1065511	57.53%	4.319%
52	11.376	3189	3199	3214	rVB	168084	264726	14.29%	1.073%
53	11.572	3247	3260	3269	rBV2	126026	246115	13.29%	0.998%
54	11.666	3279	3289	3309	rVB	767566	1264612	68.28%	5.127%
55	11.862	3339	3350	3360	rVB	21323	36977	2.00%	0.150%
56	11.955	3369	3379	3383	rBV	51563	78701	4.25%	0.319%
57	11.981	3384	3387	3400	rVB	39786	53374	2.88%	0.216%
58	12.058	3401	3411	3418	rBV	76093	117011	6.32%	0.474%
59	12.157	3430	3442	3457	rBV3	49507	89760	4.85%	0.364%
60	12.357	3495	3504	3514	rBV	20557	31885	1.72%	0.129%
61	12.453	3525	3534	3543	rBV	69592	105696	5.71%	0.428%
62	12.508	3543	3551	3564	rVB	92276	143563	7.75%	0.582%
63	12.768	3623	3632	3641	rVB	77166	112999	6.10%	0.458%
64	12.926	3664	3681	3693	rBV3	156104	260975	14.09%	1.058%
65	13.093	3725	3733	3747	rVB6	23472	44997	2.43%	0.182%
66	13.257	3777	3784	3792	rVB3	13734	21617	1.17%	0.088%
67	13.312	3792	3801	3812	rBV5	25370	46193	2.49%	0.187%
68	13.546	3862	3874	3890	rBV	445702	701989	37.91%	2.846%
69	13.665	3903	3911	3921	rVB3	15263	25880	1.40%	0.105%
70	13.752	3930	3938	3946	rBV10	11097	19332	1.04%	0.078%
71	13.807	3952	3955	3965	rVB5	13155	20637	1.11%	0.084%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
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Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\METHOD\SOMVTR111519WMA.M
Title : TRACE VOA SOM01.0

72	13.955	3988	4001	4012	rBV3	20261	39155	2.11%	0.159%
73	14.132	4048	4056	4068	rBV6	19394	41978	2.27%	0.170%
74	14.273	4091	4100	4108	rBV5	13329	23758	1.28%	0.096%
75	14.337	4113	4120	4131	rVB5	15084	23423	1.26%	0.095%
76	14.678	4215	4226	4247	rVV	384453	644612	34.81%	2.613%
77	14.862	4271	4283	4298	rBV	243326	400558	21.63%	1.624%
78	15.714	4540	4548	4560	rBV2	20877	40934	2.21%	0.166%
79	15.861	4585	4594	4601	rBV3	24495	45775	2.47%	0.186%

Sum of corrected areas: 24668070

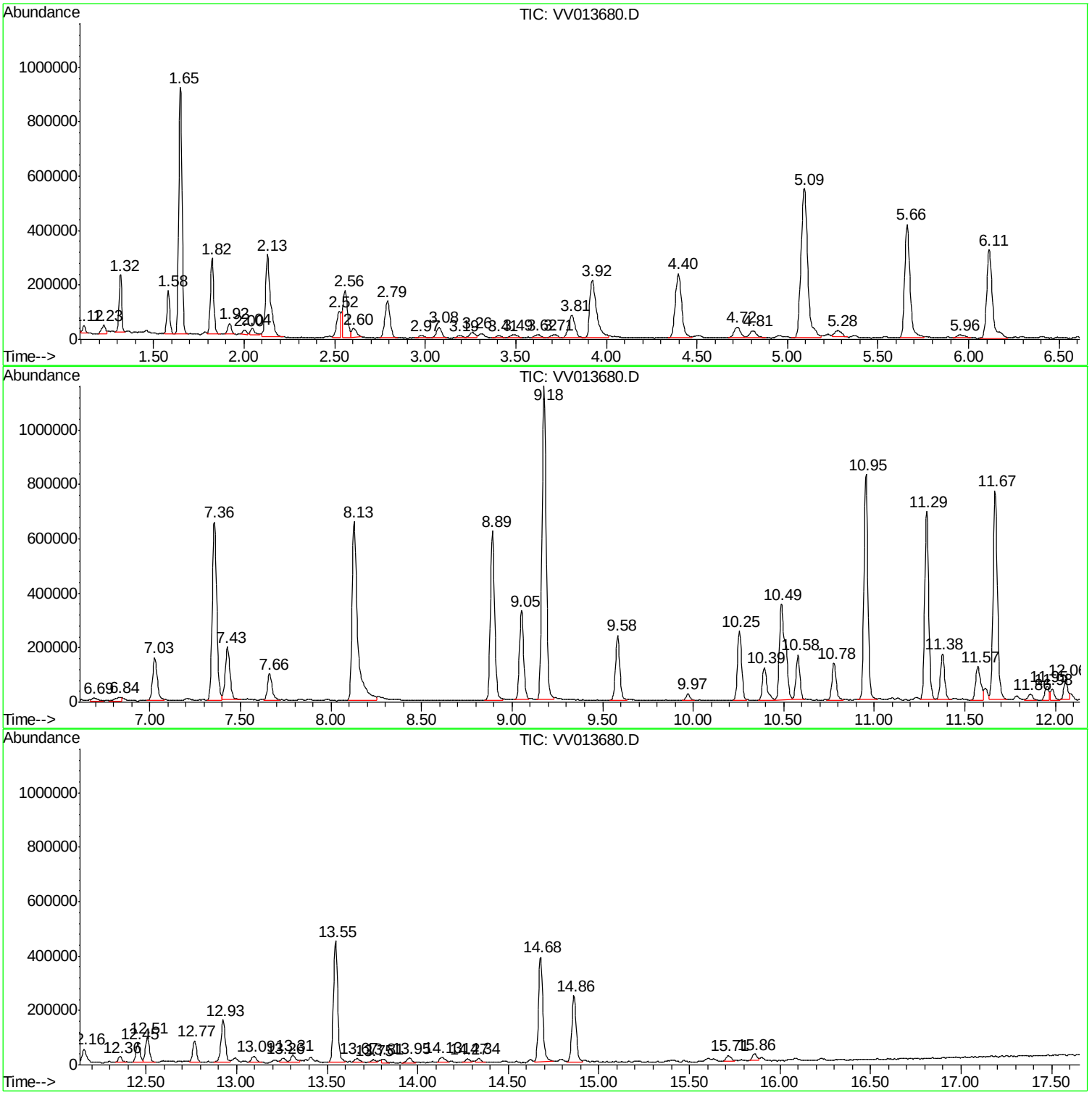
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
Data File : VV013680.D
Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
Data File : VV013680.D
Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

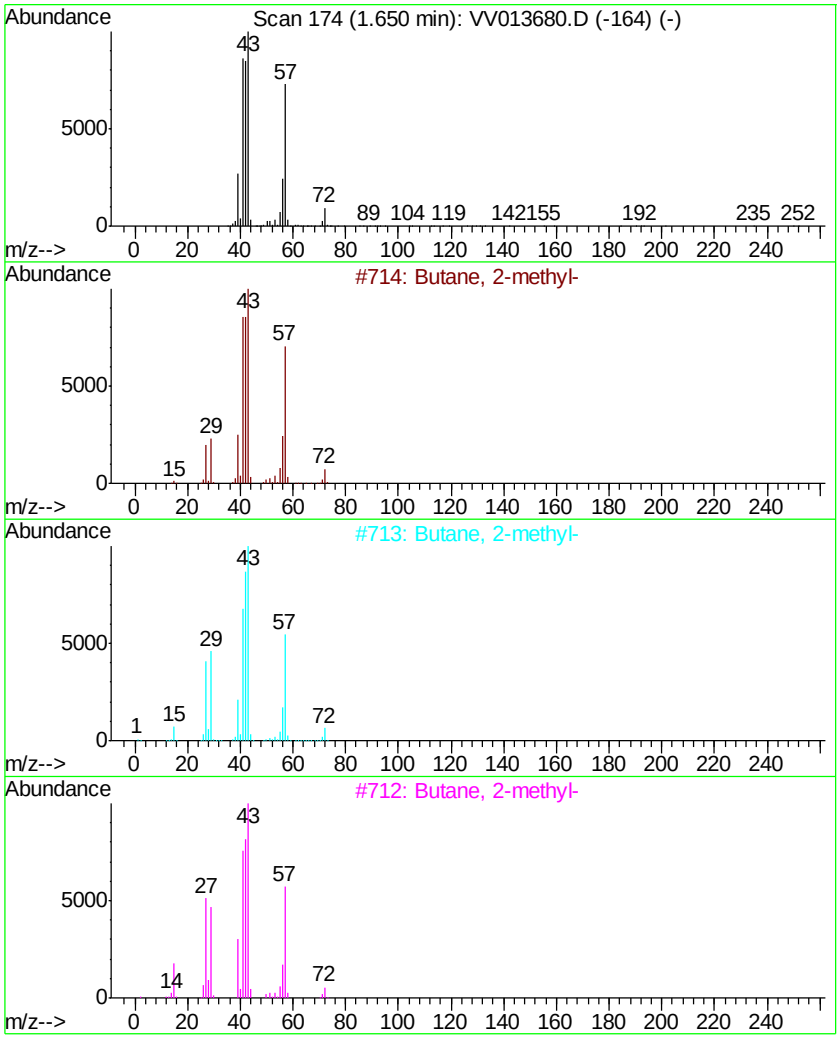
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

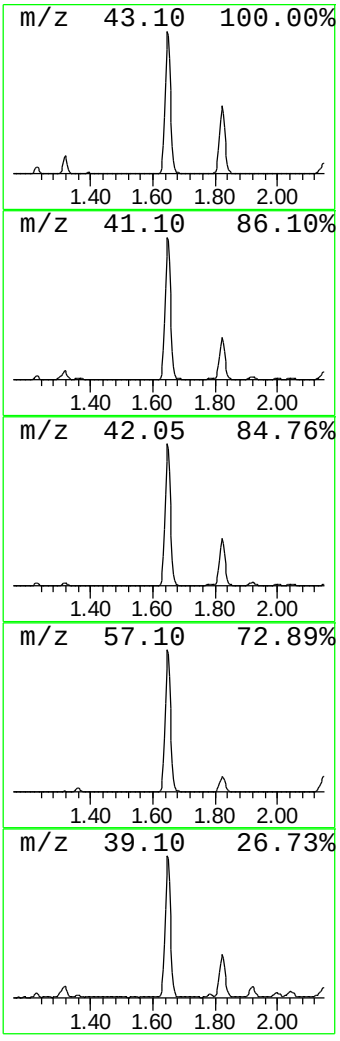
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.65	6.46 ug/L	1105310	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	Butane, 2-methyl-	72	C5H12	000078-78-4	91
3	Butane, 2-methyl-	72	C5H12	000078-78-4	90
4	Pentane	72	C5H12	000109-66-0	43
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	10





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
Data File : VV013680.D
Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

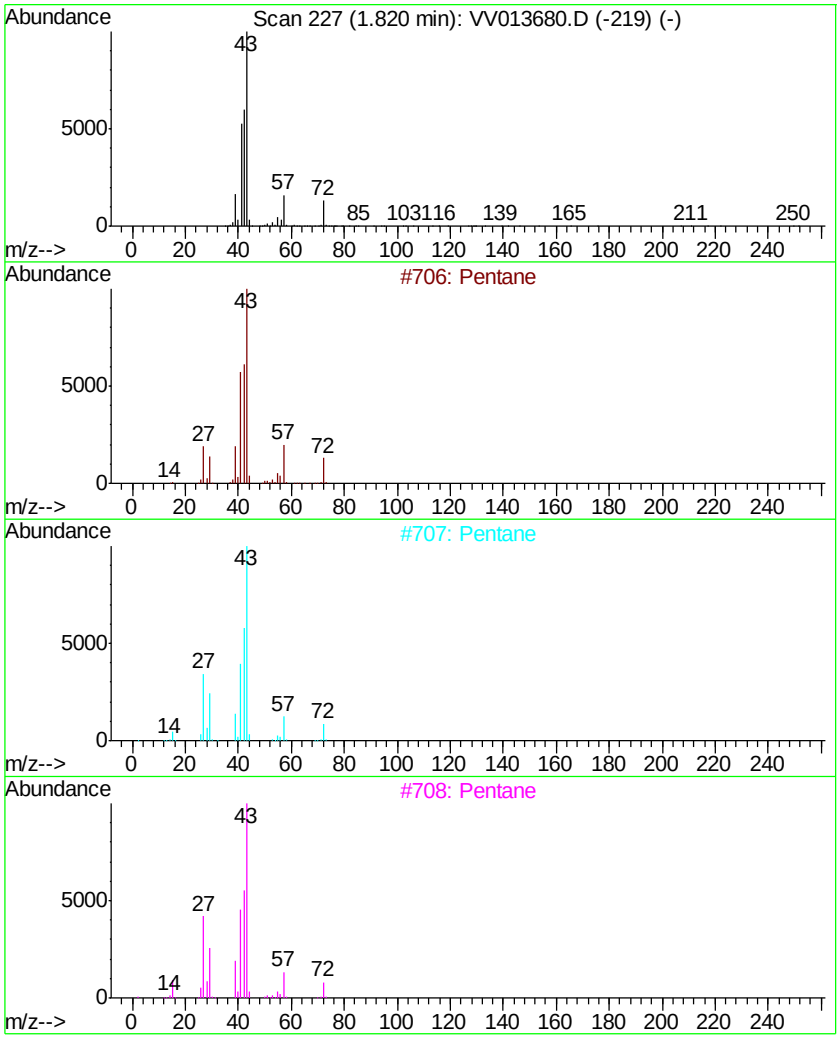
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

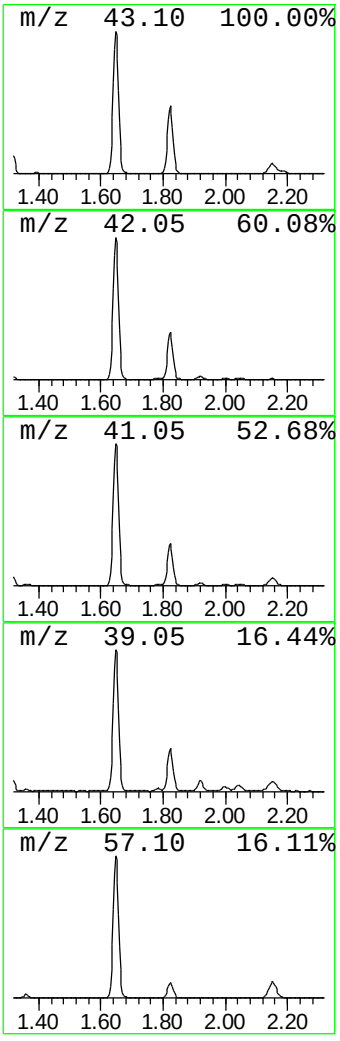
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	2.07 ug/L	354711	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	64
5	Butane, 2-methyl-	72	C5H12	000078-78-4	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
Data File : VV013680.D
Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

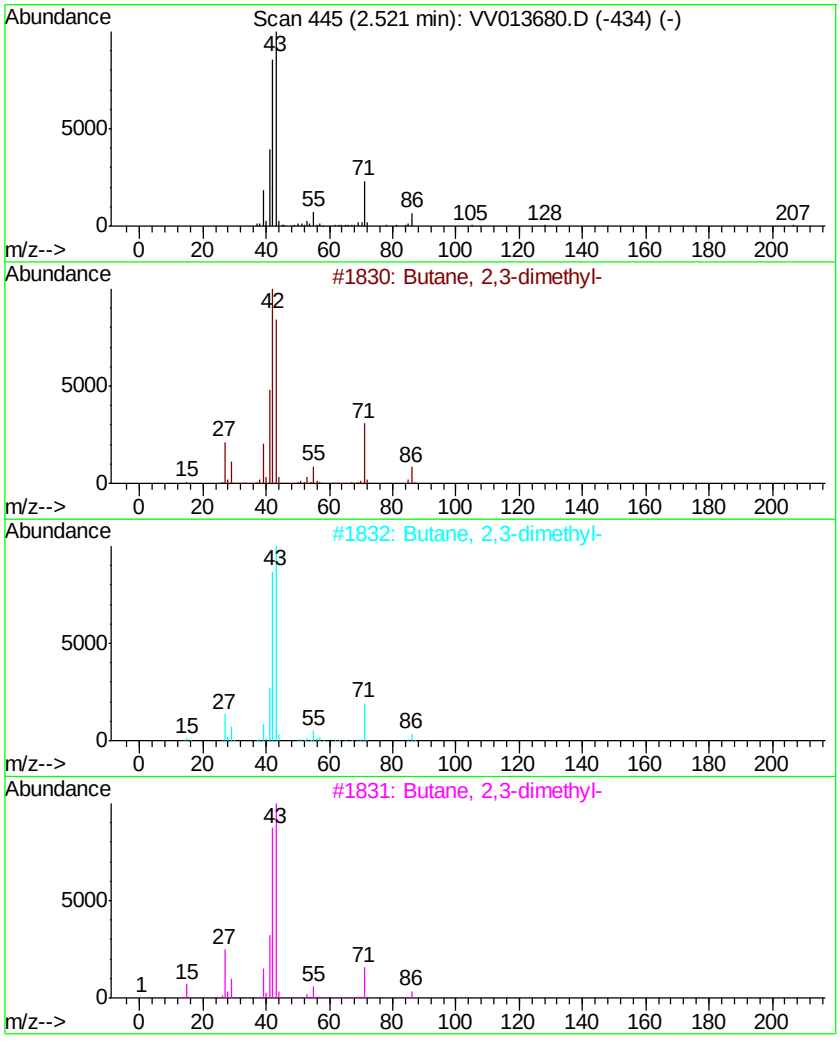
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

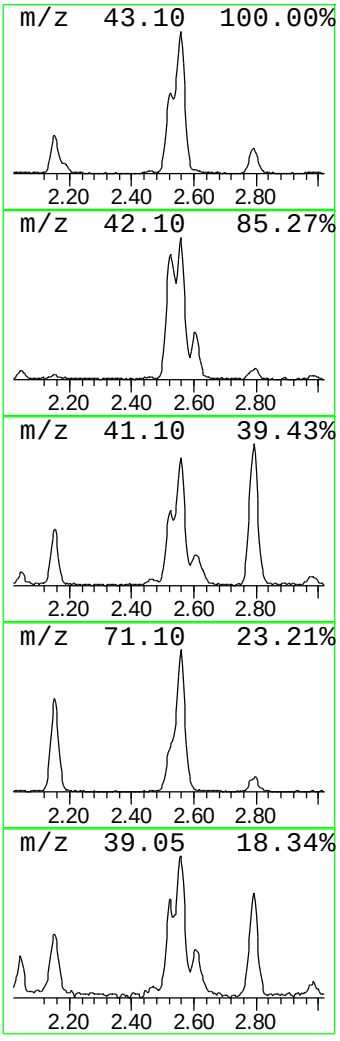
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.52	0.92 ug/L	158280	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
5	Tetrahydrofuran	72	C4H8O	000109-99-9	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
Data File : VV013680.D
Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

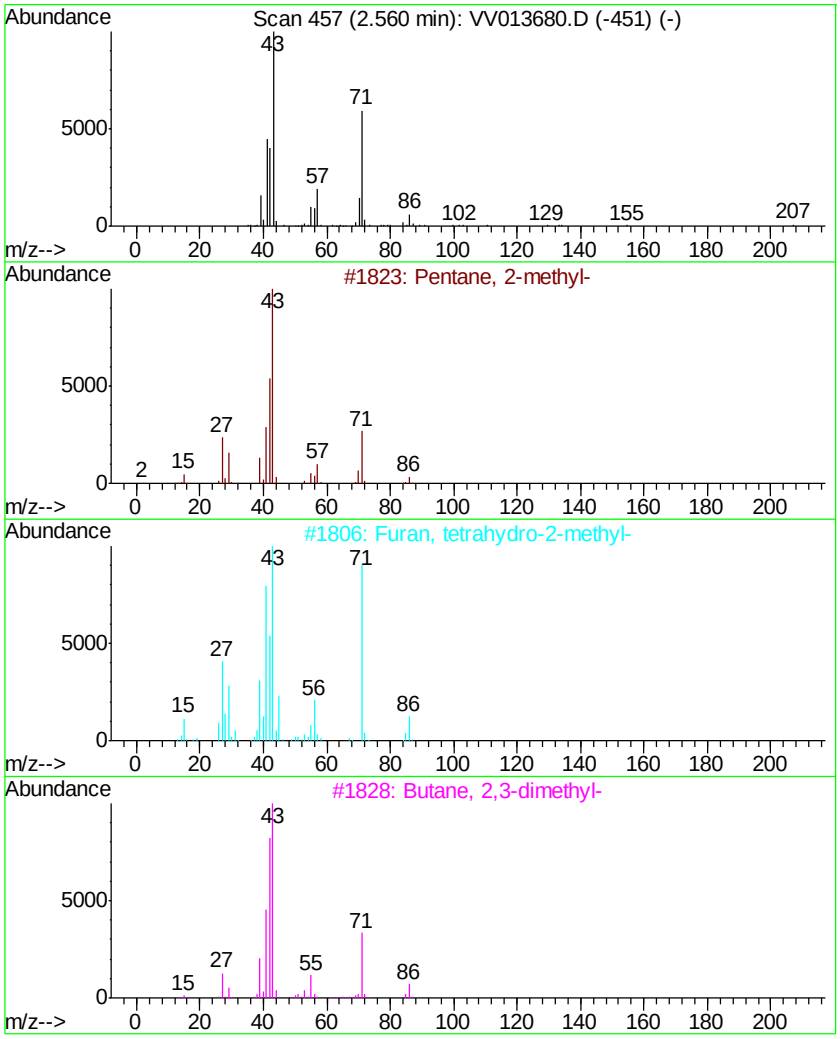
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

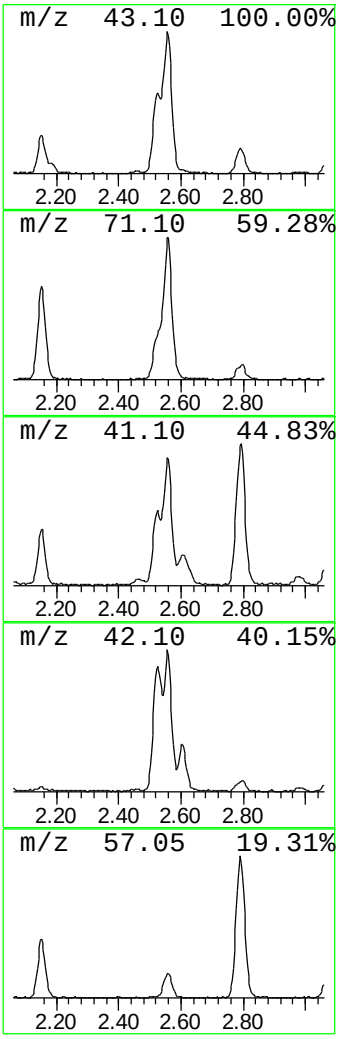
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.56	1.72 ug/L	294745	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	47
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	46
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	38
5	Butyric acid, 2,2-dimethyl-, vin...	142	C8H14O2	013170-00-8	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
Data File : VV013680.D
Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

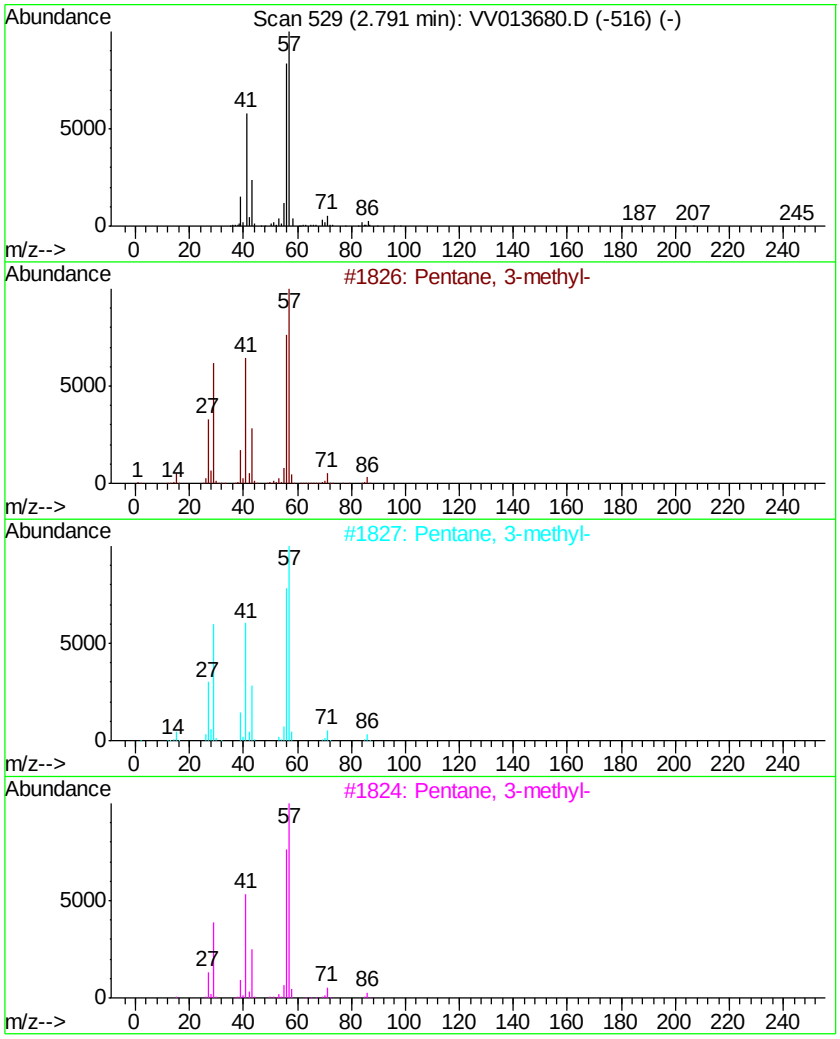
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

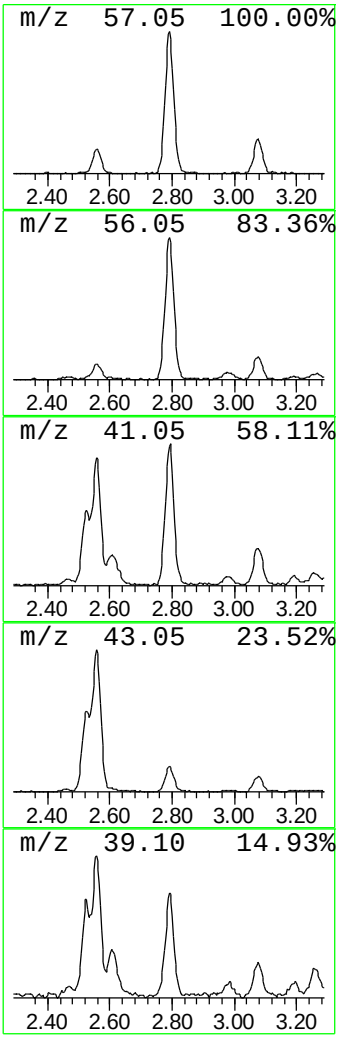
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	1.59 ug/L	272642	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	83
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	64
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
Data File : VV013680.D
Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

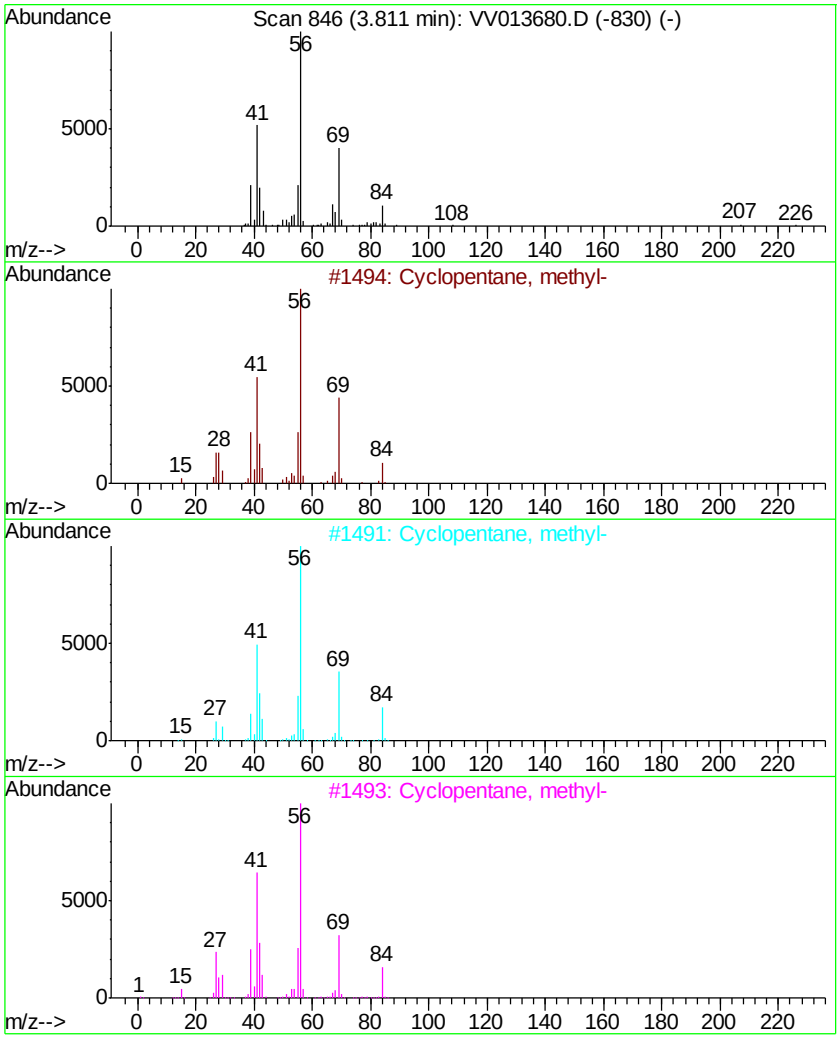
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

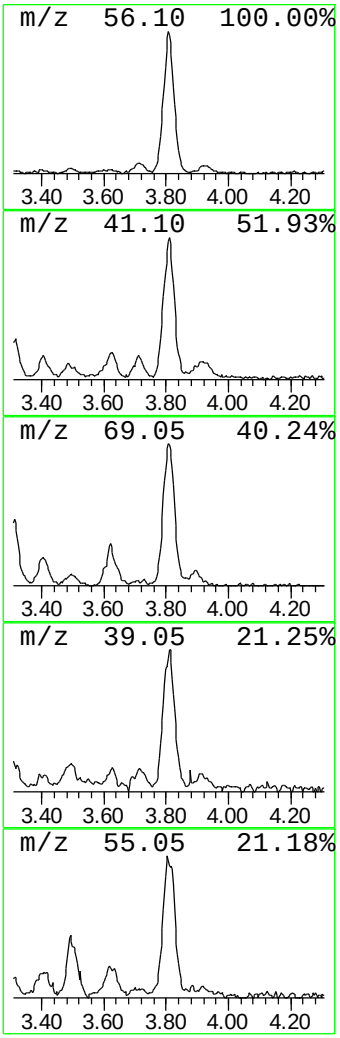
****

Peak Number 6 (DEL) Alkane: Cyclic3.81 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	1.22 ug/L	209734	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	83
4	Cyclohexane	84	C6H12	000110-82-7	72
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
Data File : VV013680.D
Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

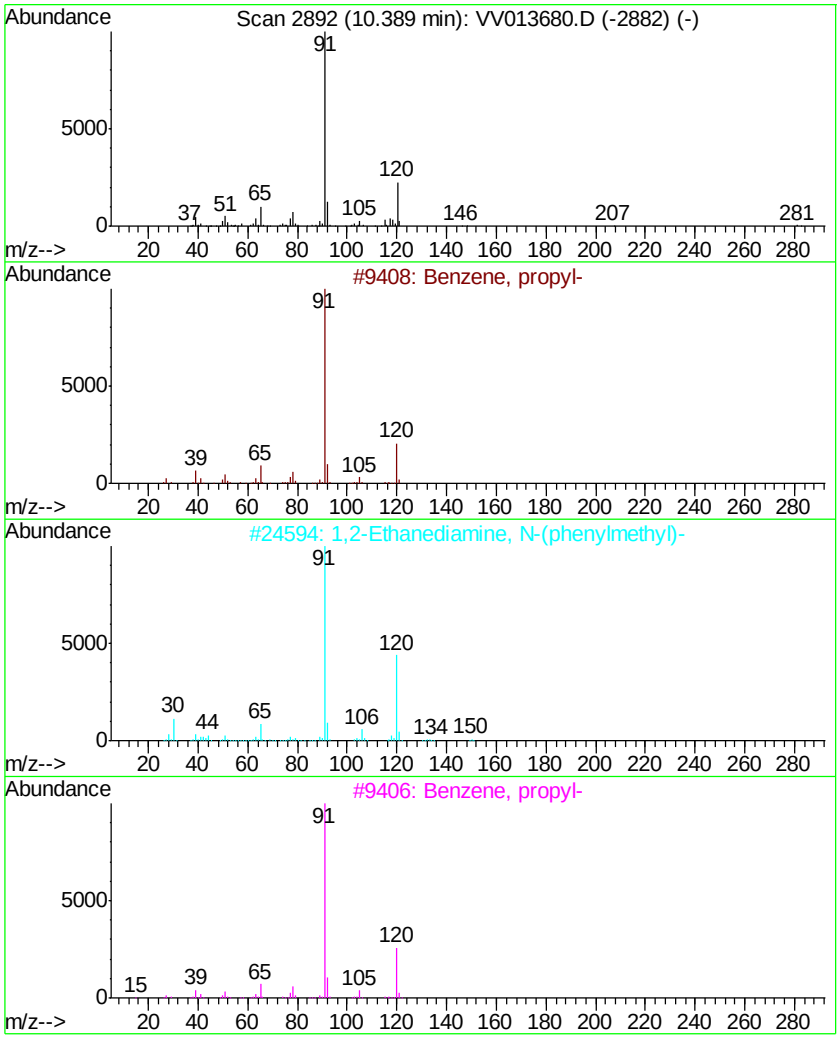
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

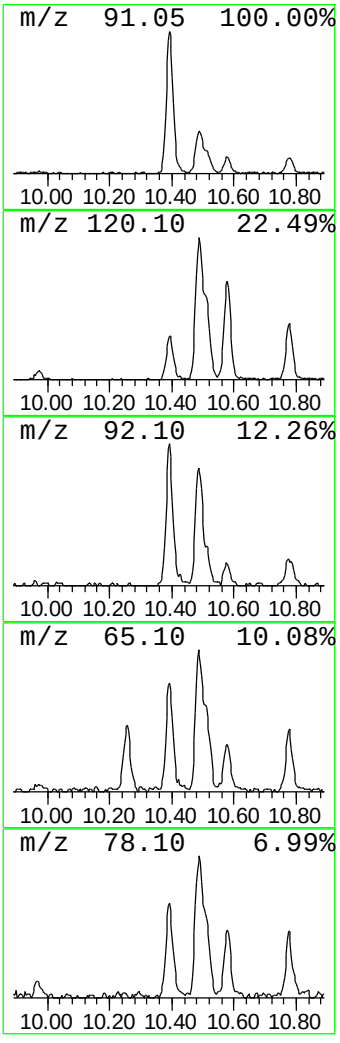
****

Peak Number 8 Benzene, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	1.04 ug/L	220704	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	76
2	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72
3	Benzene, propyl-	120	C9H12	000103-65-1	68
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
Data File : VV013680.D
Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

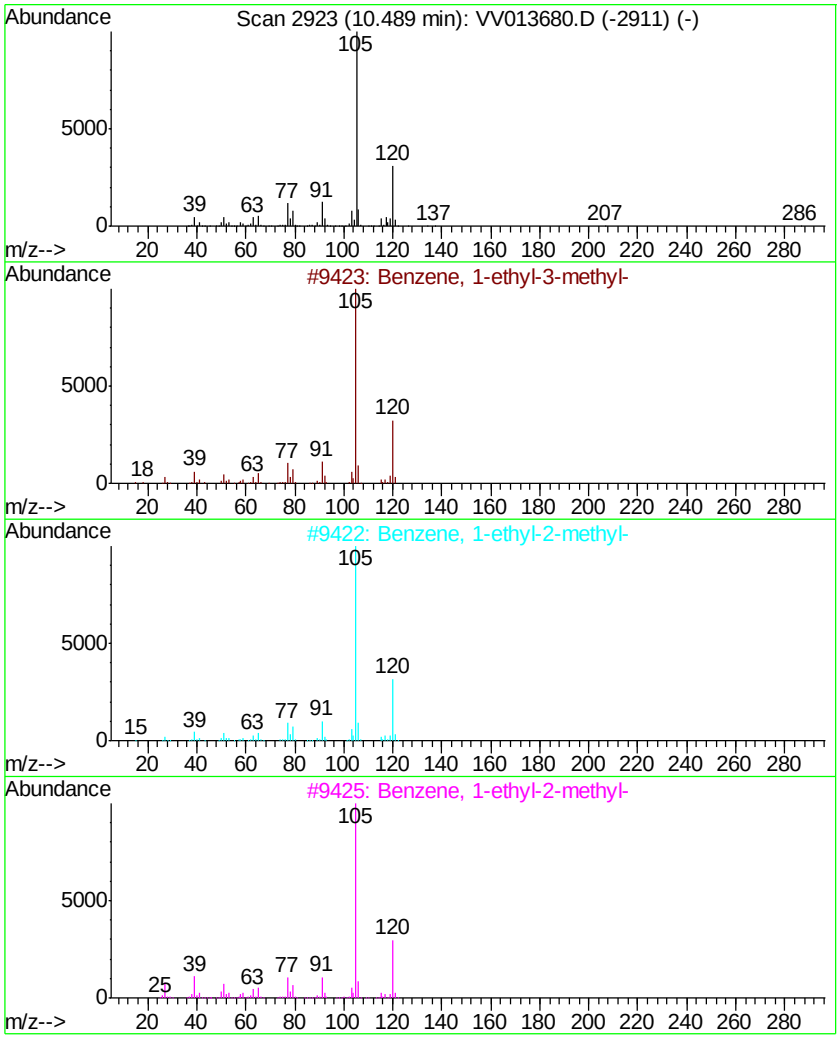
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

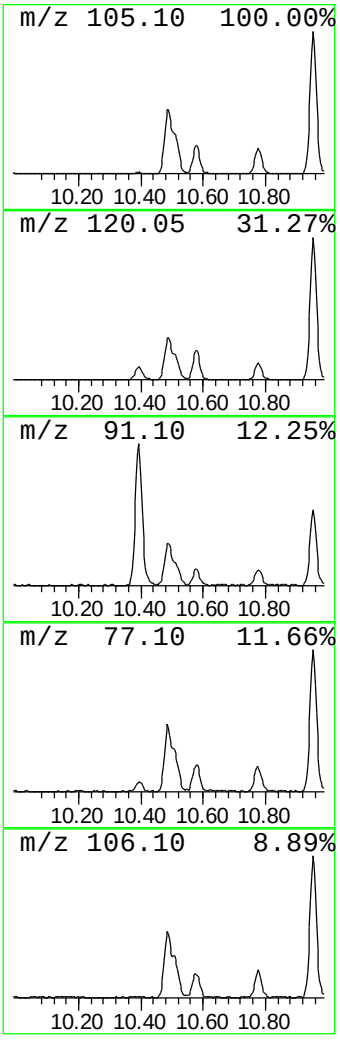
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	3.83 ug/L	816779	1,4-Dichlorobenzene-d4	11.29

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-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
Data File : VV013680.D
Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

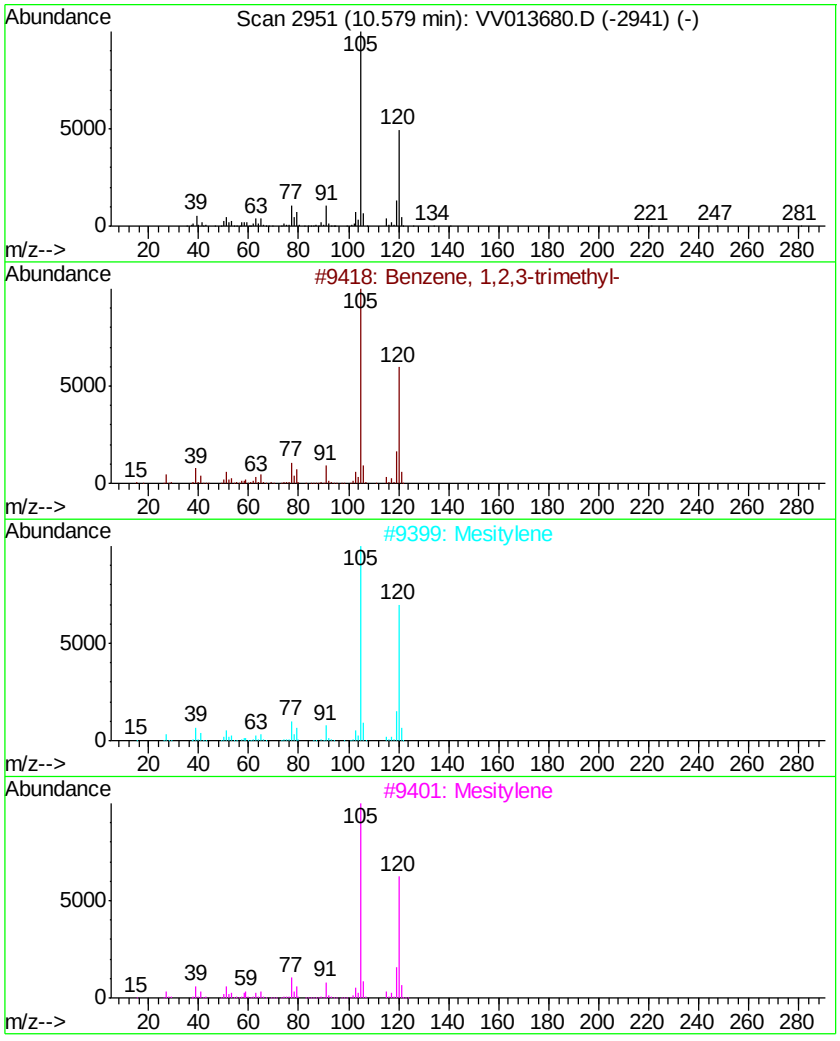
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

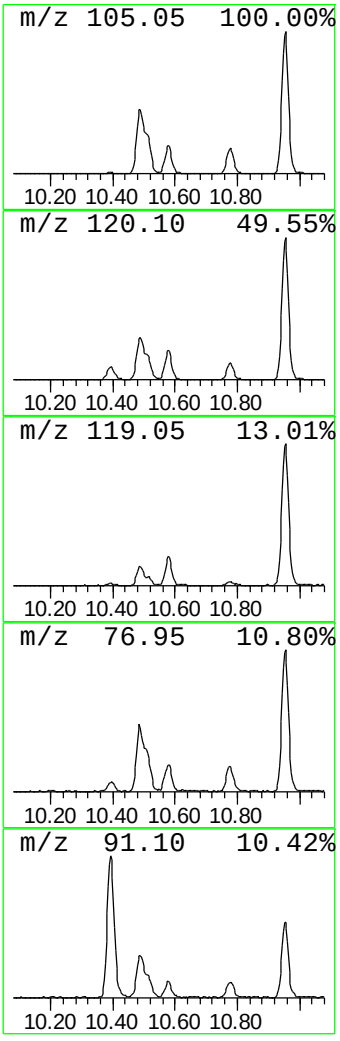
****

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	1.17 ug/L	248786	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Mesitylene	120	C9H12	000108-67-8	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
Data File : VV013680.D
Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

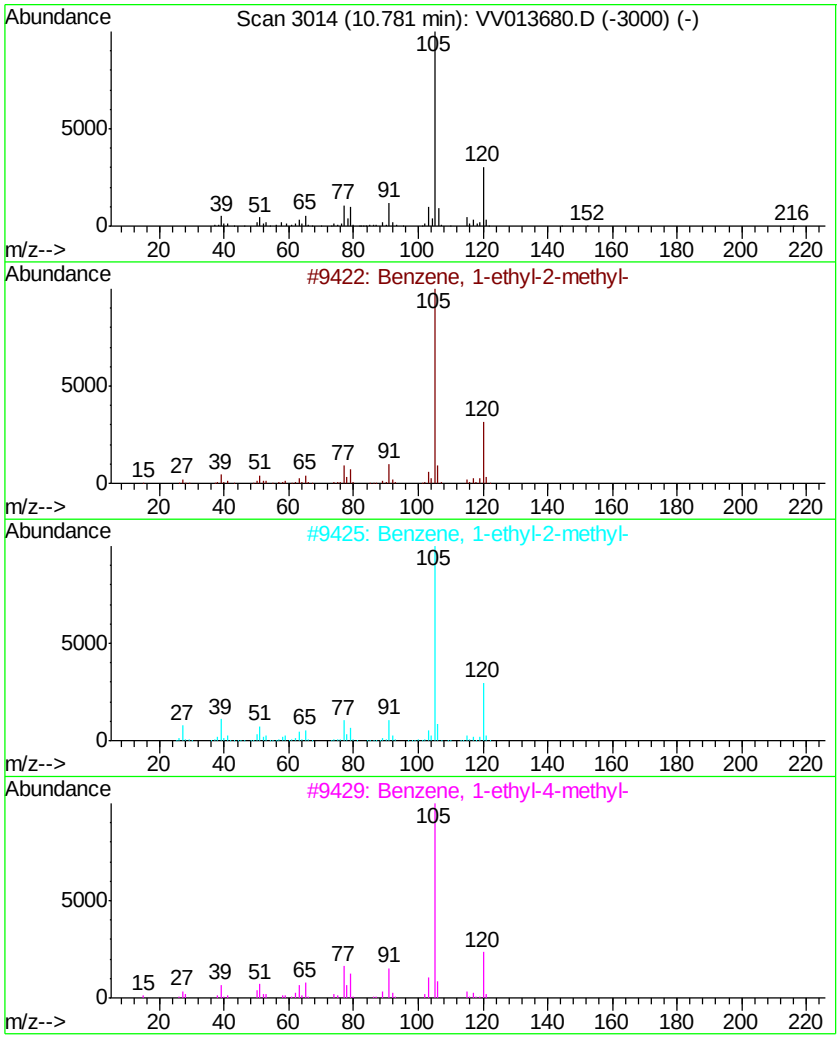
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

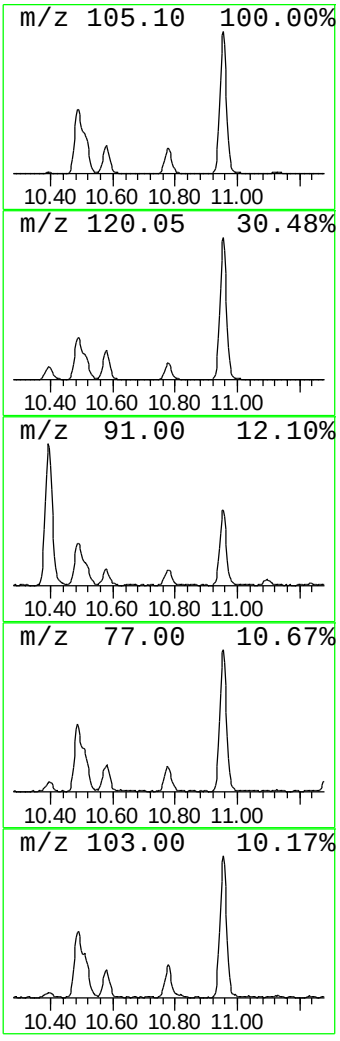
****

Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	1.06 ug/L	225784	1,4-Dichlorobenzene-d4	11.29

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-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
Data File : VV013680.D
Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

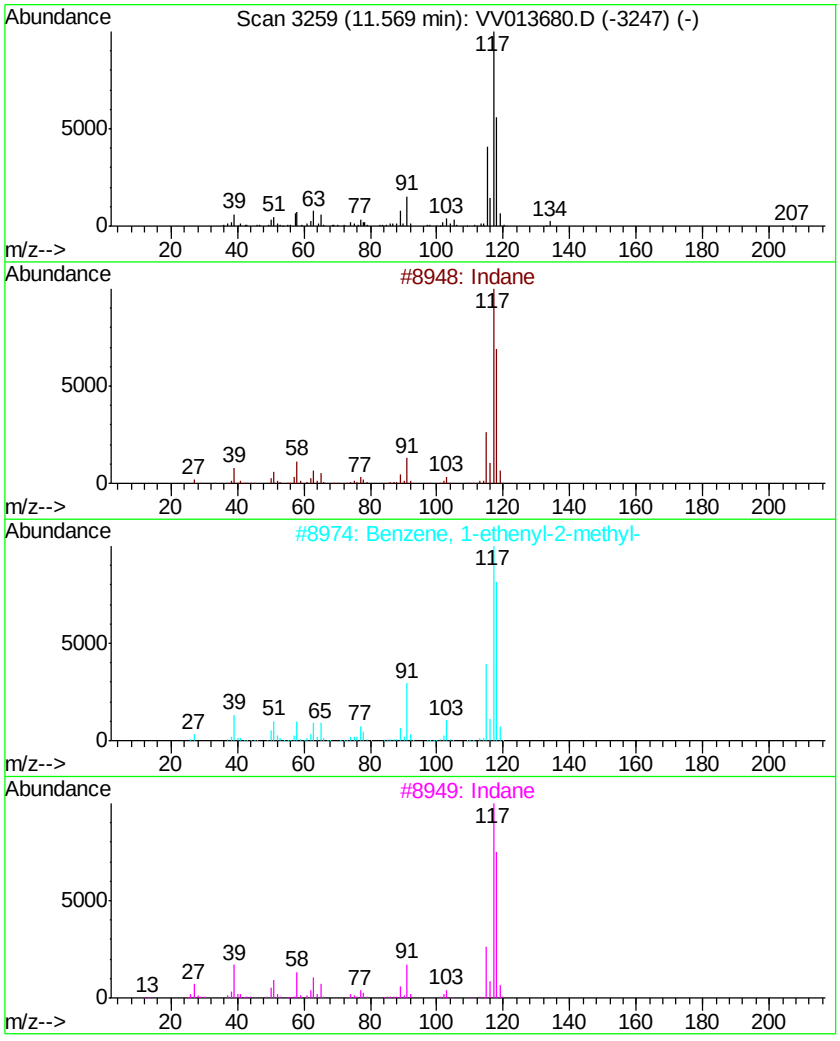
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

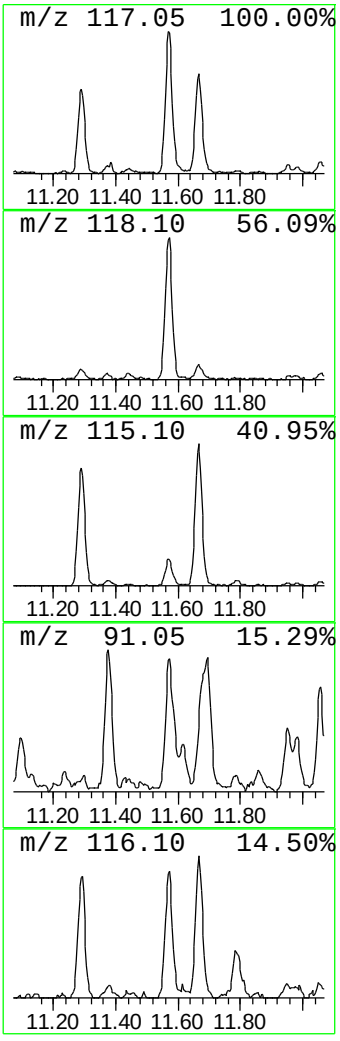
****

Peak Number 14 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	1.15 ug/L	246115	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
3	Indane	118	C9H10	000496-11-7	76
4	Indane	118	C9H10	000496-11-7	76
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
Data File : VV013680.D
Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

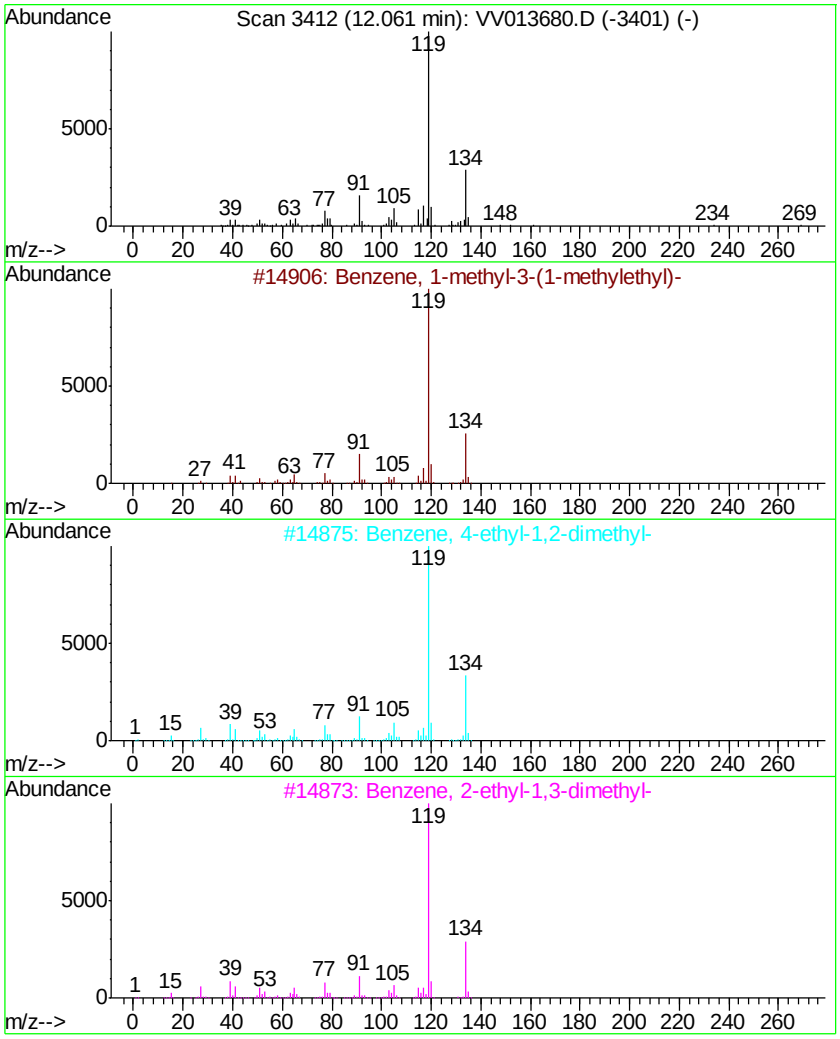
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

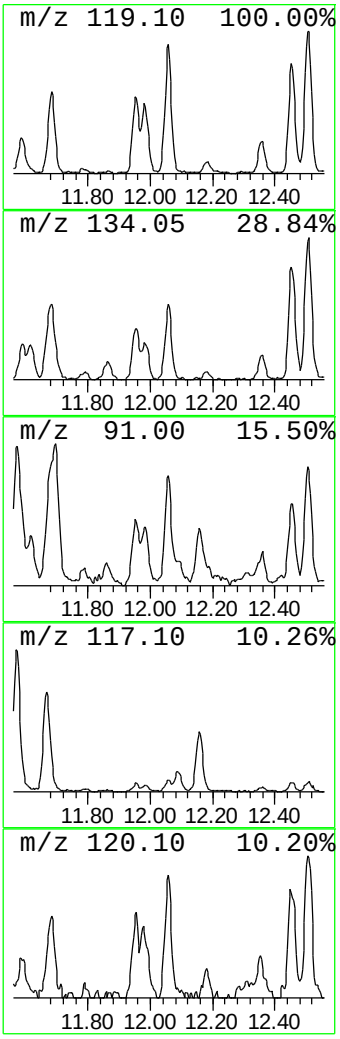
****

Peak Number 15 Benzene, 1-methyl-3-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	0.55 ug/L	117011	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
Data File : VV013680.D
Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

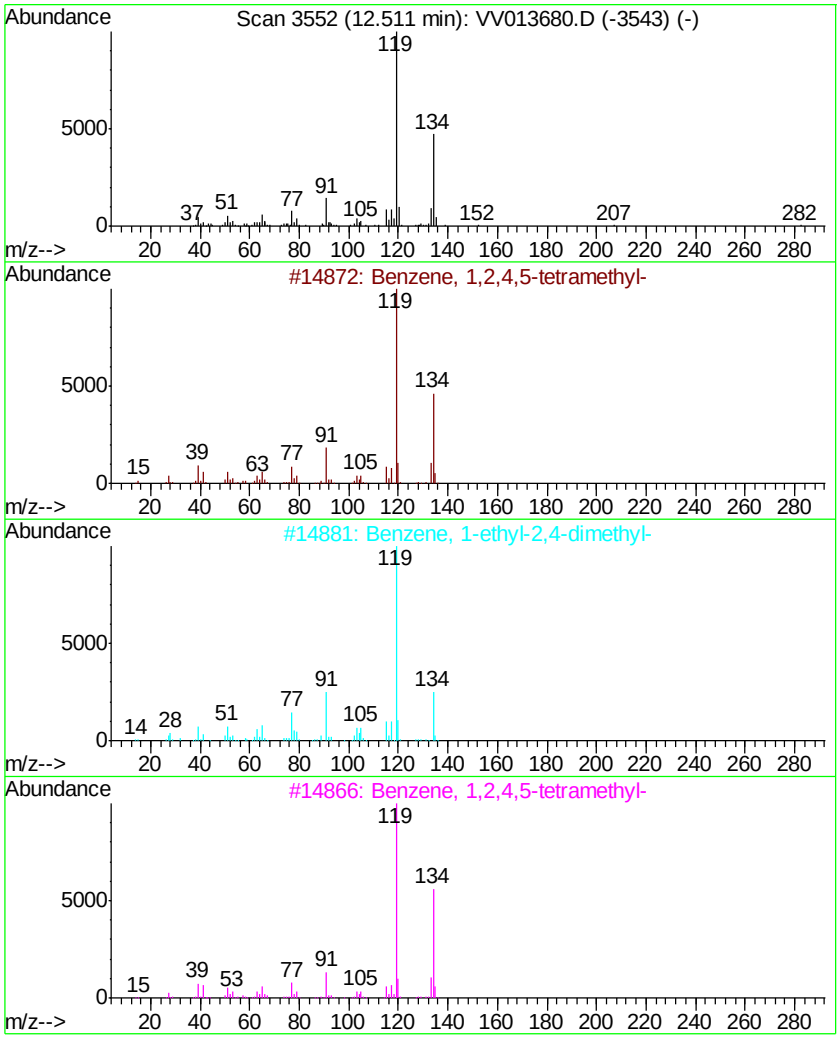
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

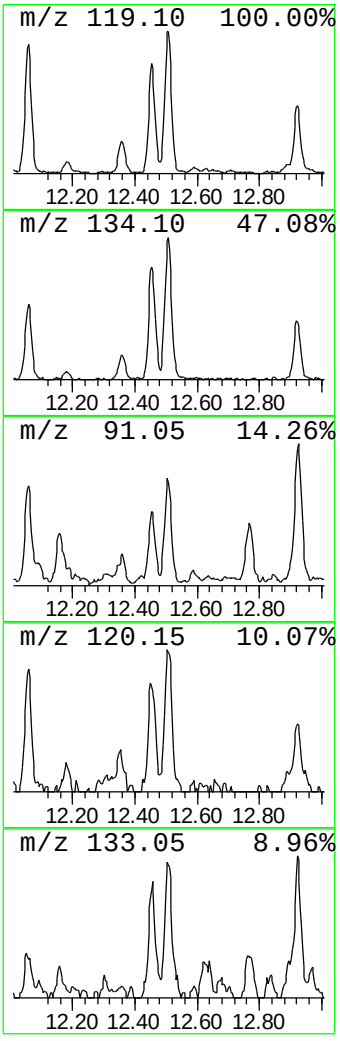
****

Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	0.67 ug/L	143563	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
Data File : VV013680.D
Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

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

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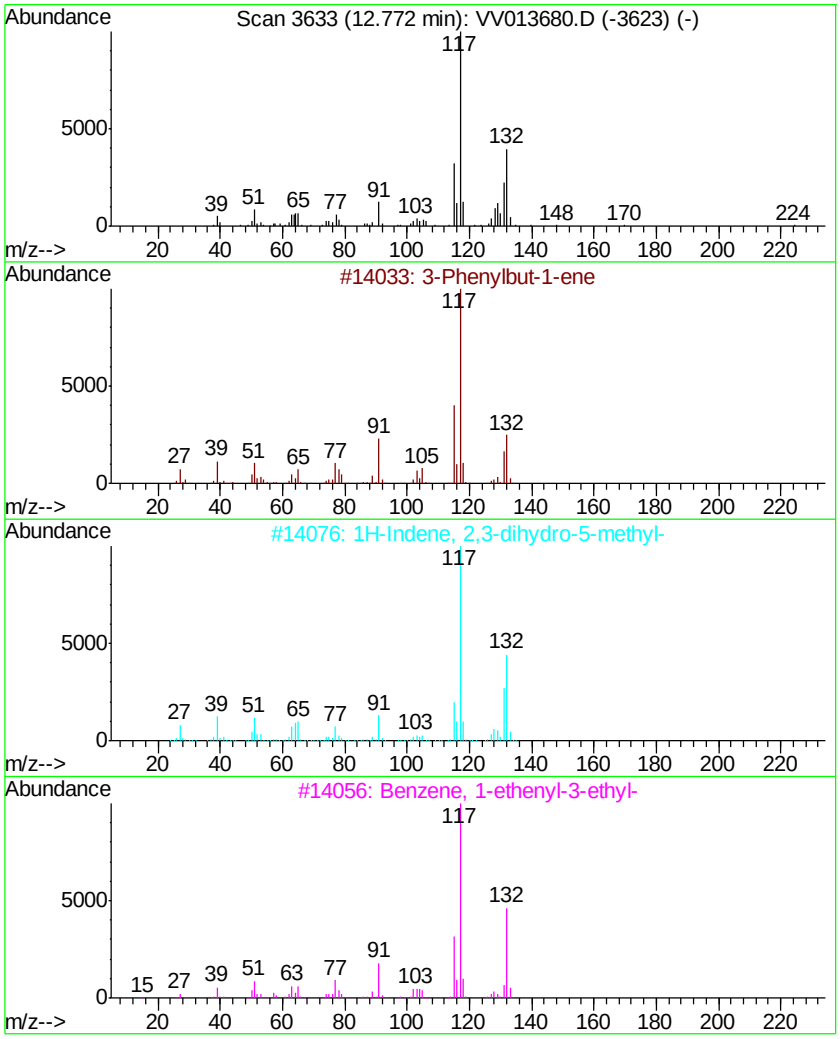
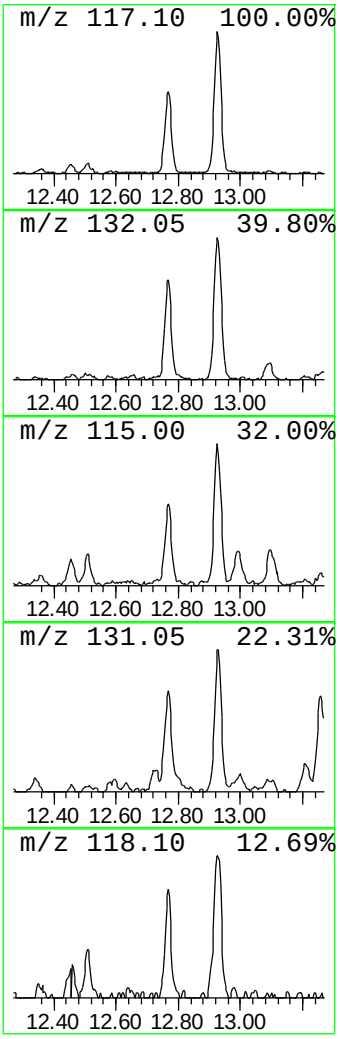
Peak Number 17 3-Phenylbut-1-ene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	0.53 ug/L	112999	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87





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Data File : VV013680.D
Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

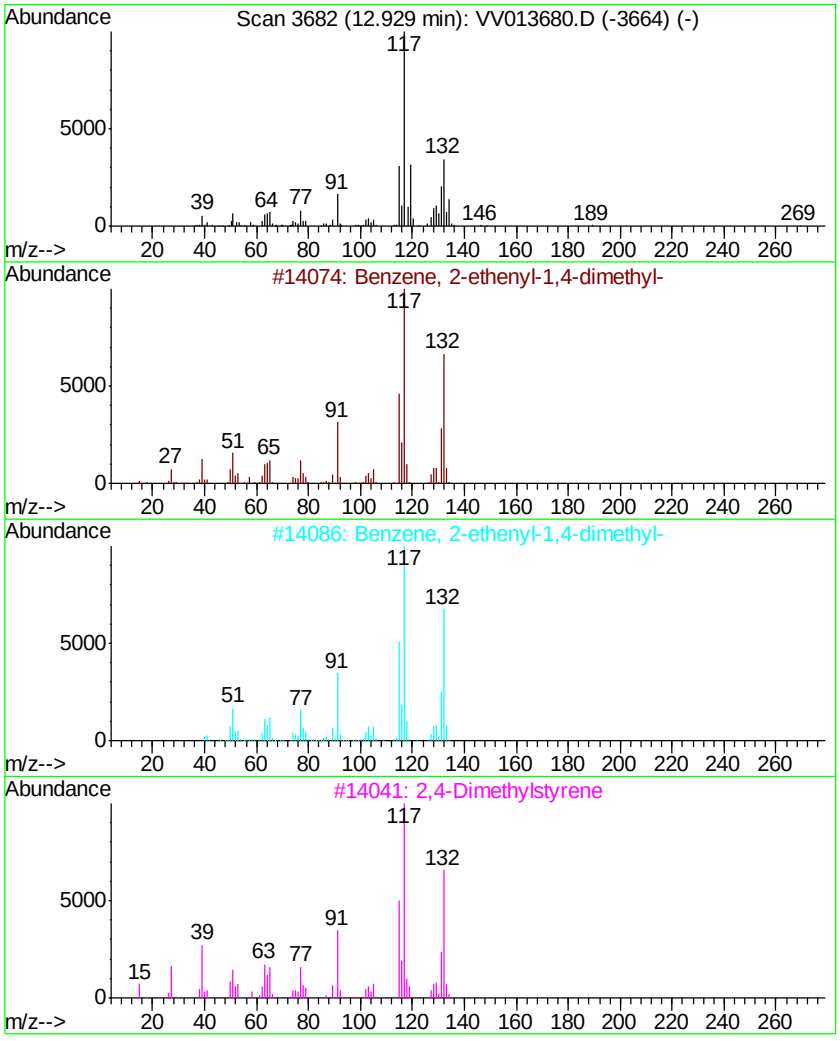
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

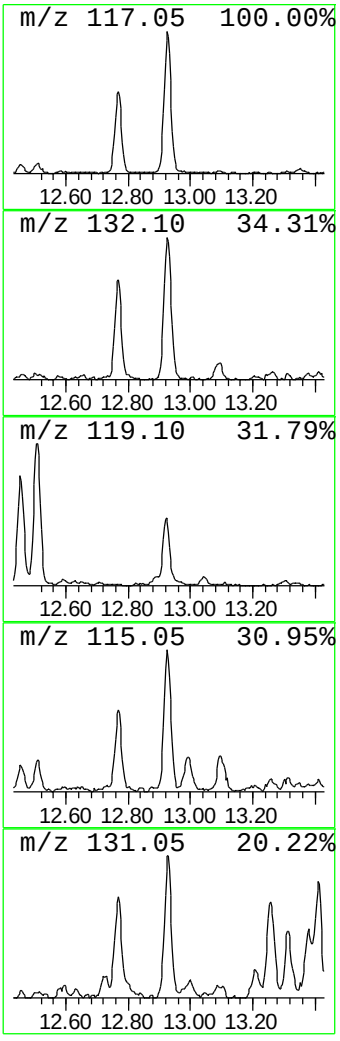
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	1.22 ug/L	260975	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
Data File : VV013680.D
Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

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

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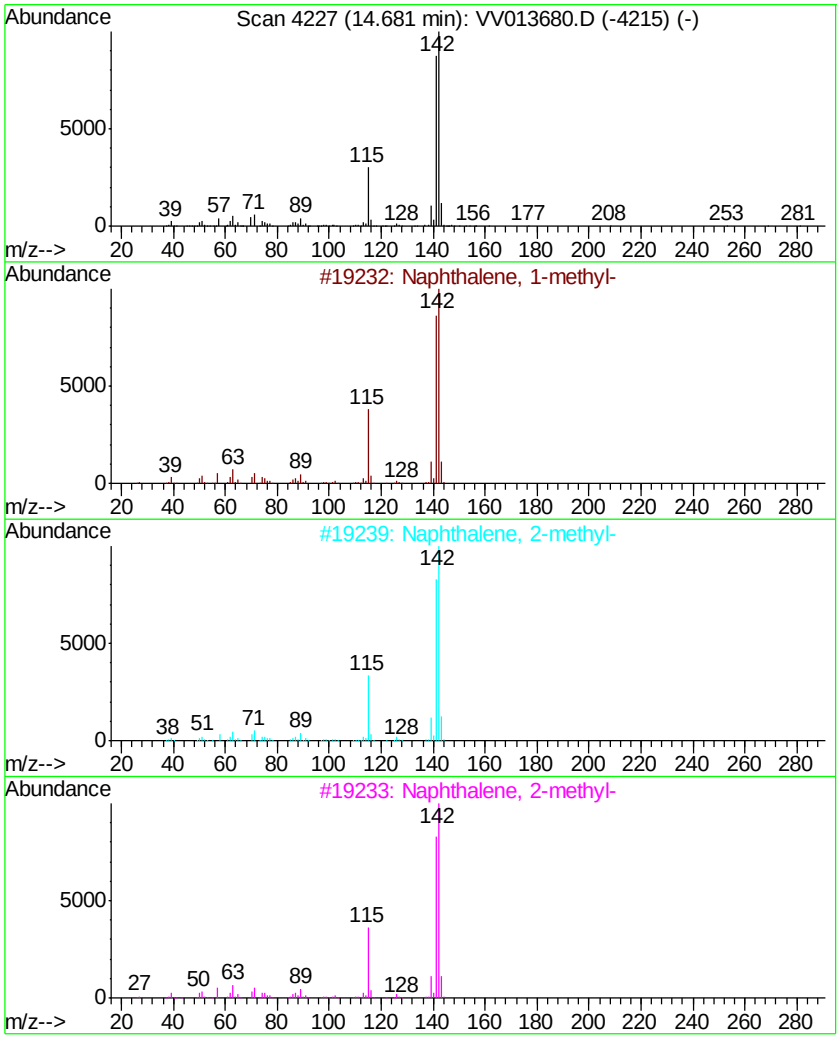
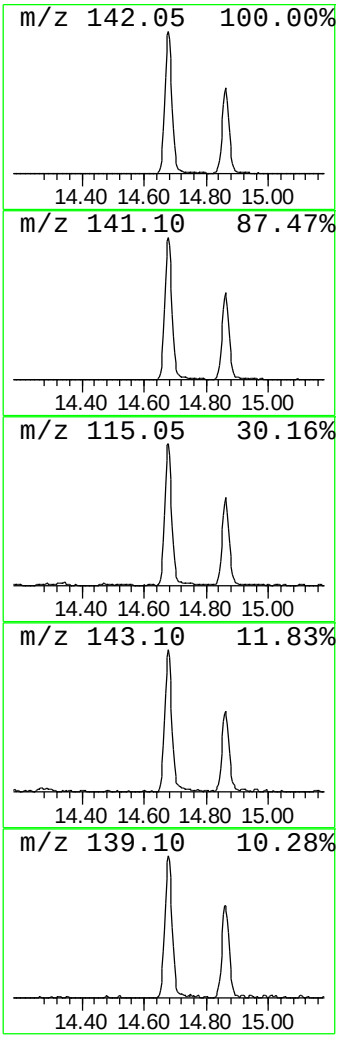
Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	3.02 ug/L	644612	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
Data File : VV013680.D
Acq On : 19 Nov 2019 15:57
Operator : SY/MD
Sample : K5910-22
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.65	6.5	ug/L	1105310	1	5.66	856098	5.0
(DEL) Alkane: Str...	1.82	2.1	ug/L	354711	1	5.66	856098	5.0
(DEL) Alkane: Str...	2.52	0.9	ug/L	158280	1	5.66	856098	5.0
(DEL) Alkane: Str...	2.56	1.7	ug/L	294745	1	5.66	856098	5.0
(DEL) Alkane: Str...	2.79	1.6	ug/L	272642	1	5.66	856098	5.0
(DEL) Alkane: Cyc...	3.81	1.2	ug/L	209734	1	5.66	856098	5.0
Benzene, propyl-	10.39	1.0	ug/L	220704	3	11.29	1065510	5.0
Benzene, 1-ethyl-...	10.49	3.8	ug/L	816779	3	11.29	1065510	5.0
Benzene, 1,2,3-tr...	10.58	1.2	ug/L	248786	3	11.29	1065510	5.0
Benzene, 1-ethyl-...	10.78	1.1	ug/L	225784	3	11.29	1065510	5.0
Indane	11.57	1.1	ug/L	246115	3	11.29	1065510	5.0
Benzene, 1-methyl...	12.06	0.6	ug/L	117011	3	11.29	1065510	5.0
Benzene, 1,2,4,5-...	12.51	0.7	ug/L	143563	3	11.29	1065510	5.0
3-Phenylbut-1-ene	12.77	0.5	ug/L	112999	3	11.29	1065510	5.0
Benzene, 2-etheny...	12.93	1.2	ug/L	260975	3	11.29	1065510	5.0
Naphthalene, 1-me...	14.68	3.0	ug/L	644612	3	11.29	1065510	5.0