

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054424.D
 Acq On : 19 Mar 2019 5:57
 Operator : JC/SP
 Sample : K1970-03 10X
 Misc : 6.98g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P-3-E.WALL-N.CENTER

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.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	7.590	1789	1809	1820	rBV	1083013	2711973	33.24%	4.276%
2	7.664	1820	1832	1876	rVB	1984187	4963252	60.83%	7.826%
3	8.027	1928	1945	1971	rBV	1056906	2431568	29.80%	3.834%
4	8.583	2102	2118	2158	rVB	2673059	5881155	72.08%	9.274%
5	9.079	2249	2272	2284	rBV3	77875	198943	2.44%	0.314%
6	9.728	2464	2474	2481	rBV3	42899	87662	1.07%	0.138%
7	10.091	2572	2587	2620	rBV	4026396	8158934	100.00%	12.865%
8	10.432	2686	2693	2707	rVB4	46033	87746	1.08%	0.138%
9	10.950	2849	2854	2862	rVB2	59860	81824	1.00%	0.129%
10	11.005	2865	2871	2881	rVB	108036	182734	2.24%	0.288%
11	11.297	2956	2962	2983	rVB3	148614	288595	3.54%	0.455%
12	11.410	2984	2997	3021	rBV	3541486	6485574	79.49%	10.227%
13	11.654	3067	3073	3081	rBV2	61217	90013	1.10%	0.142%
14	12.400	3295	3305	3317	rBV	2825517	4820463	59.08%	7.601%
15	12.728	3395	3407	3417	rBV7	316411	818310	10.03%	1.290%
16	12.959	3473	3479	3492	rVB3	373062	610749	7.49%	0.963%
17	13.342	3587	3598	3617	rVB	3410840	6036136	73.98%	9.518%
18	13.664	3690	3698	3707	rBV7	383777	691595	8.48%	1.091%
19	13.886	3760	3767	3777	rVB2	772835	1173981	14.39%	1.851%
20	13.995	3792	3801	3810	rVB5	547132	886352	10.86%	1.398%
21	14.291	3887	3893	3899	rBV2	255181	378509	4.64%	0.597%
22	14.474	3944	3950	3961	rVB3	391415	608706	7.46%	0.960%
23	14.590	3975	3986	3995	rBV4	1377049	2900820	35.55%	4.574%
24	14.641	3996	4002	4015	rVB4	794429	1509110	18.50%	2.380%
25	15.111	4144	4148	4160	rVB3	364194	468653	5.74%	0.739%
26	15.188	4166	4172	4179	rVB2	465483	671572	8.23%	1.059%
27	15.416	4235	4243	4255	rBV2	480819	975446	11.96%	1.538%
28	15.612	4298	4304	4320	rVB	999858	1704687	20.89%	2.688%
29	15.908	4387	4396	4406	rBV2	699507	1319803	16.18%	2.081%
30	16.101	4449	4456	4465	rVV3	578484	981007	12.02%	1.547%
31	16.159	4466	4474	4497	rVB2	1373280	3093294	37.91%	4.878%
32	16.348	4523	4533	4546	rBV3	964387	2118170	25.96%	3.340%

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ALS Vial : 48 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P-3-E.WALL-N.CENTER

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

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Title : SW846 8260

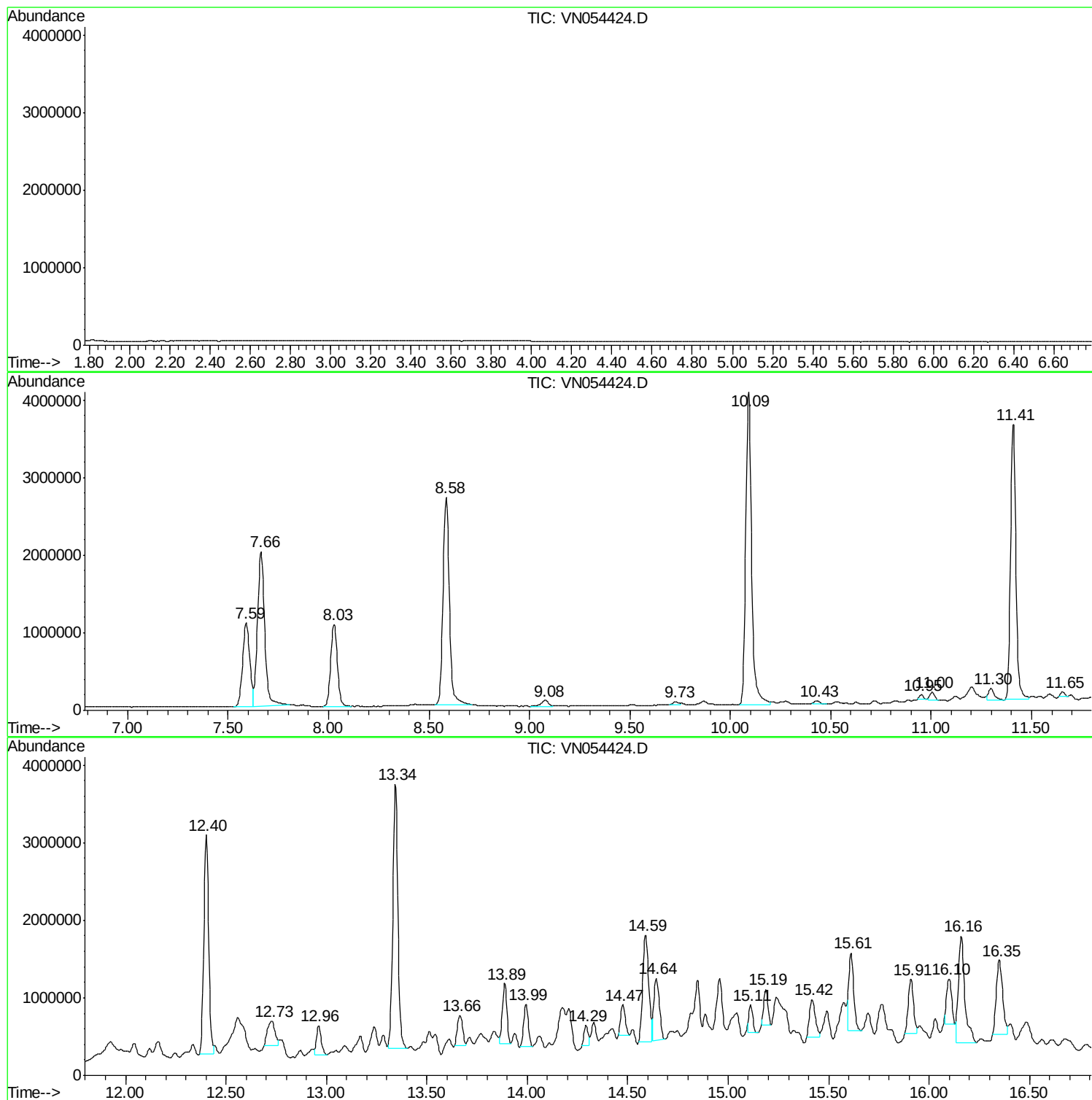
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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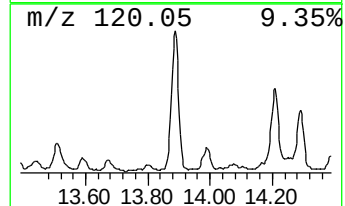
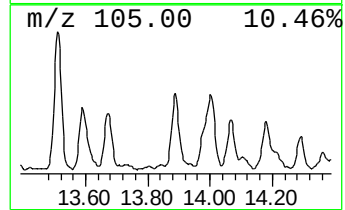
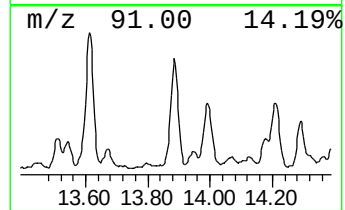
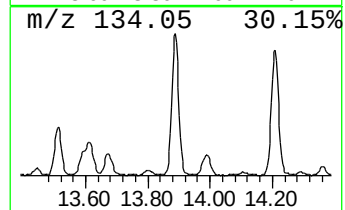
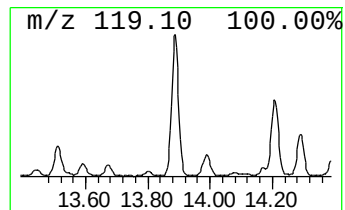
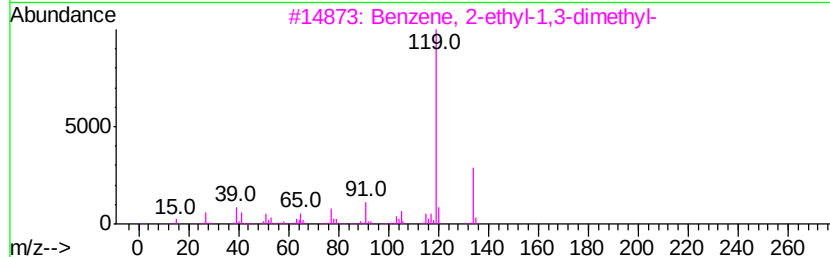
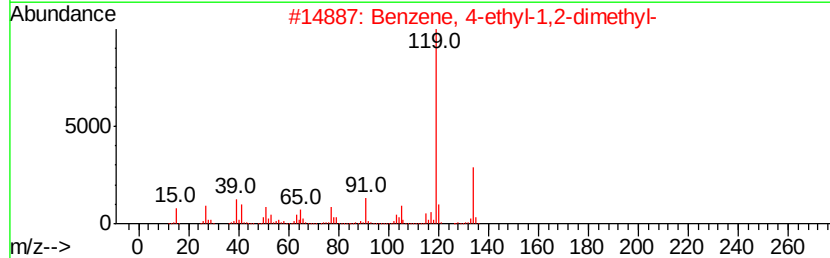
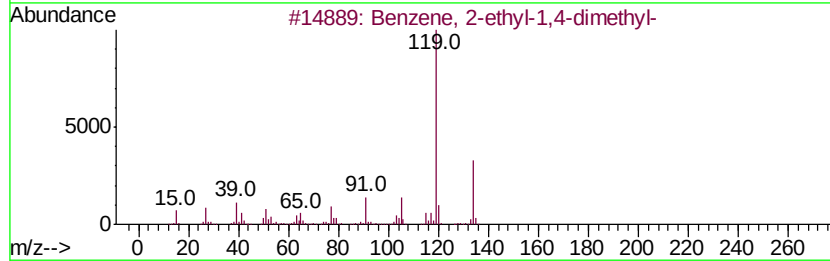
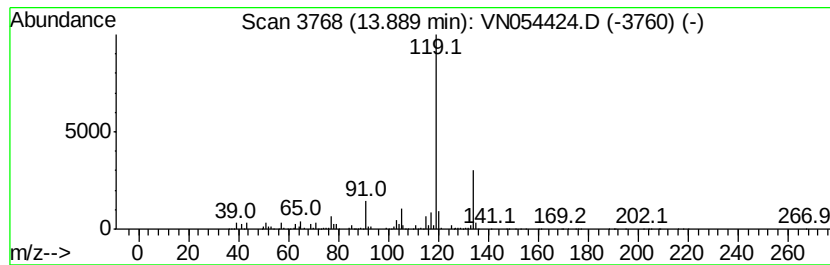
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.89	9.72 ug/l	1173980	1,4-Dichlorobenzene-d4	13.34		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene,	4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene,	2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene,	1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene,	1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



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ClientSampleId :
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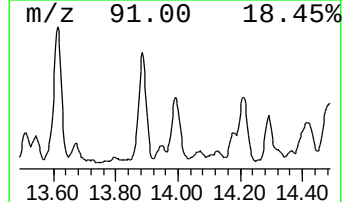
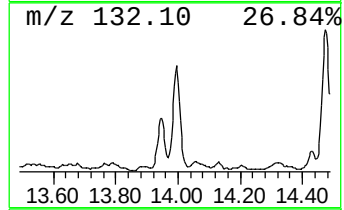
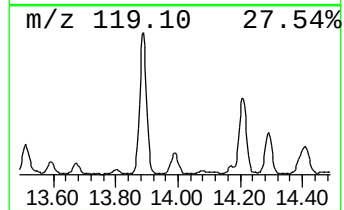
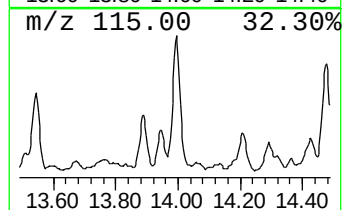
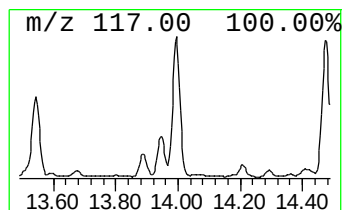
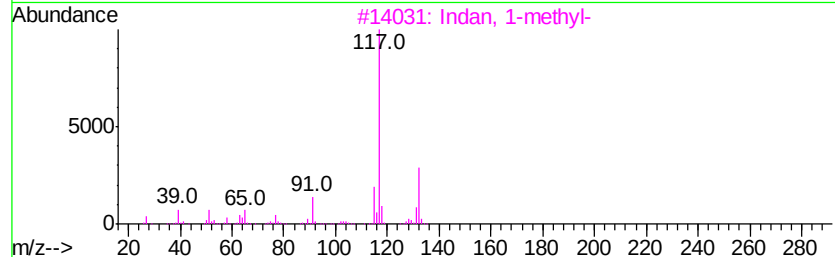
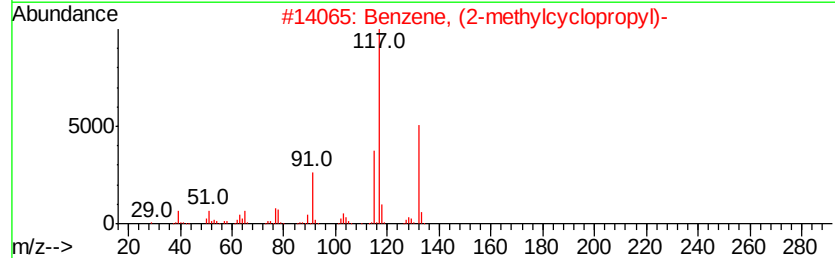
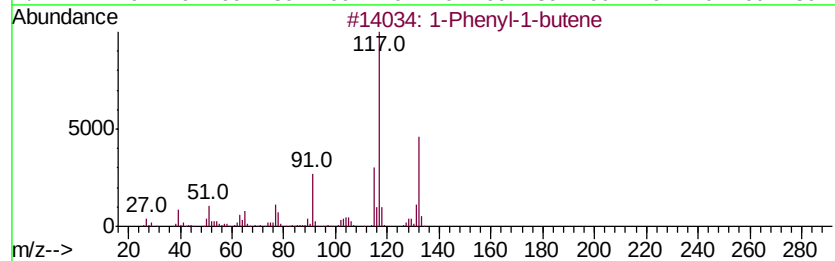
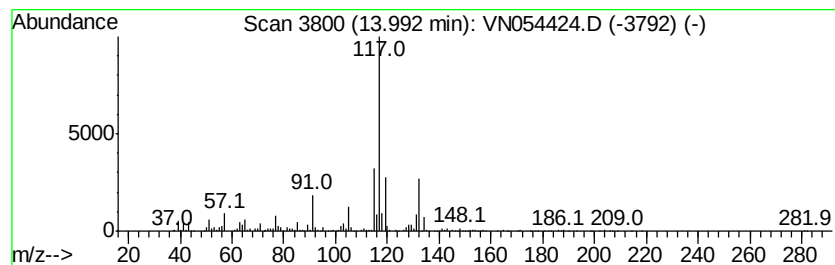
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Quant Title : SW846 8260

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

Peak Number 2 1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	7.34 ug/l	886352	1,4-Dichlorobenzene-d4	13.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
2		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	76
3		Indan, 1-methyl-	132	C10H12	000767-58-8	76
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	74
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74



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ALS Vial : 48 Sample Multiplier: 1

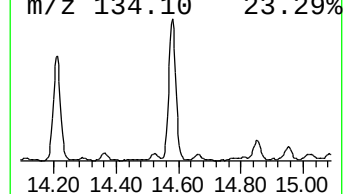
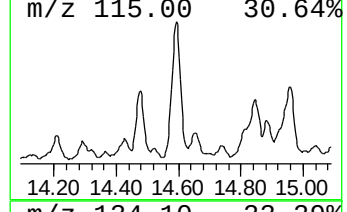
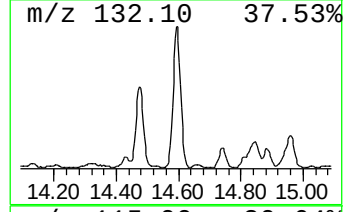
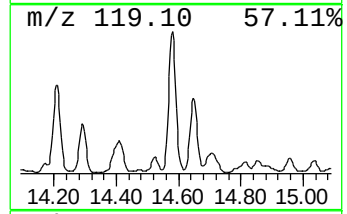
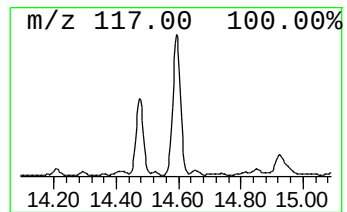
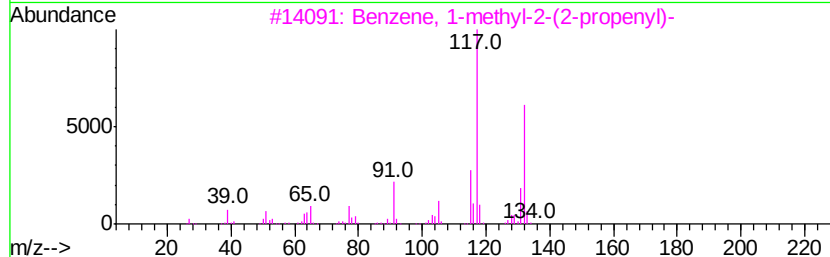
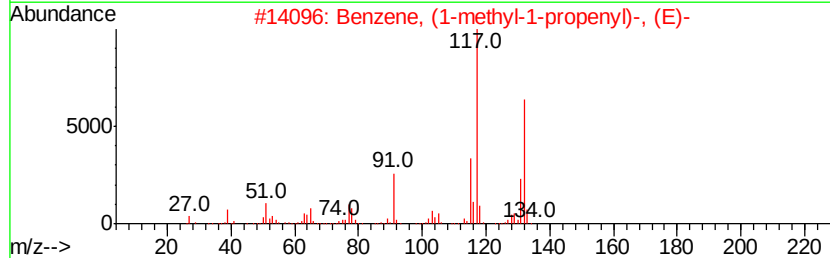
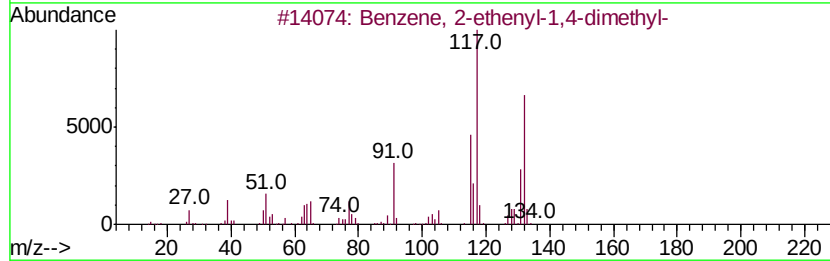
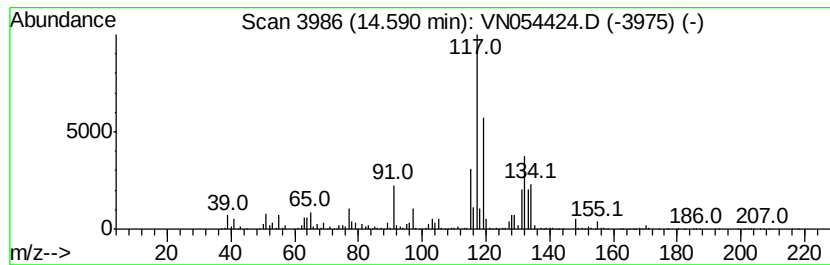
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	24.03 ug/l	2900820	1,4-Dichlorobenzene-d4	13.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132 C10H12	002039-89-6 90
2		Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3 64
3		Benzene, 1-methyl-2-(2-propenyl)-	132 C10H12	001587-04-8 60
4		1-Phenyl-1-butene	132 C10H12	000824-90-8 60
5		1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1 60



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ALS Vial : 48 Sample Multiplier: 1

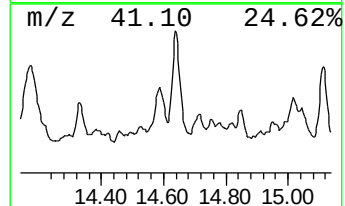
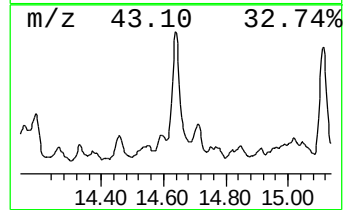
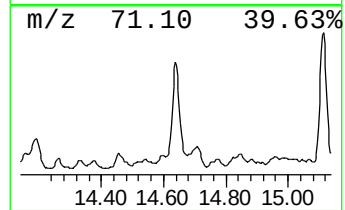
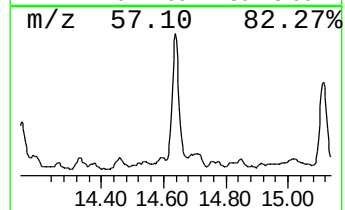
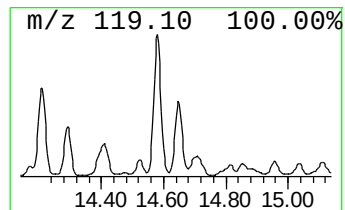
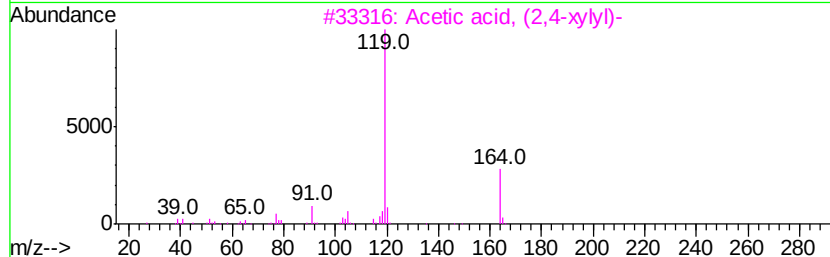
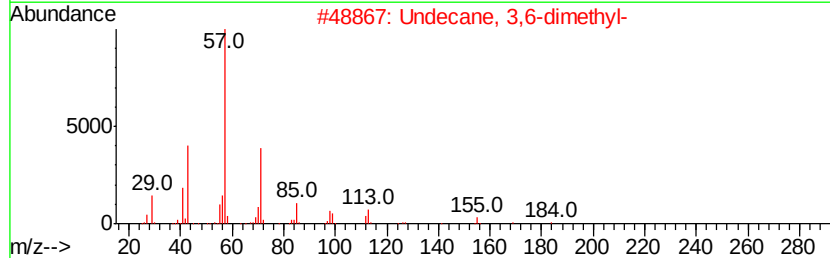
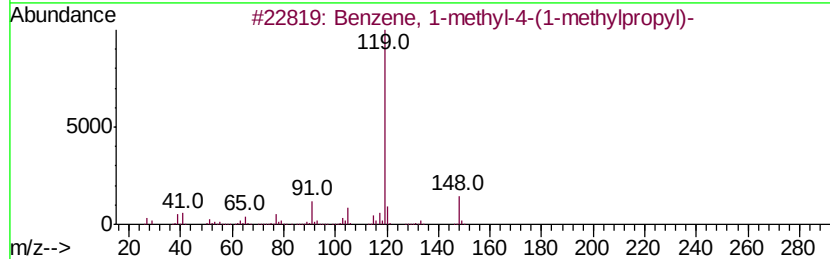
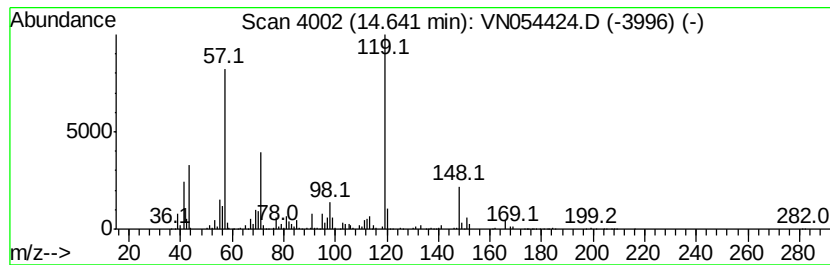
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-methyl-4-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	12.50 ug/l	1509110	1,4-Dichlorobenzene-d4	13.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-methyl-4-(1-methylpro...	148 C11H16	001595-16-0 43
2		Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9 38
3		Acetic acid, (2,4-xylvl)-	164 C10H12O2	006331-04-0 35
4		Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4 25
5		Tridecane, 6-methyl-	198 C14H30	013287-21-3 22



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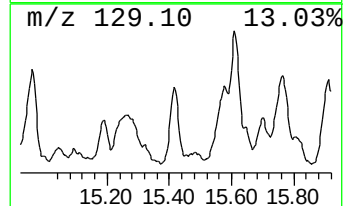
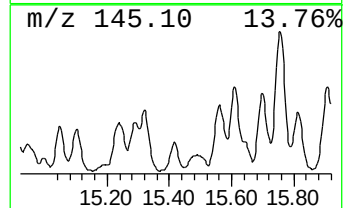
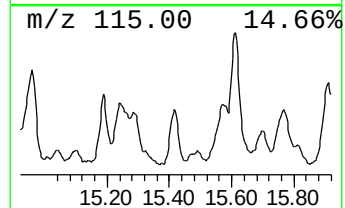
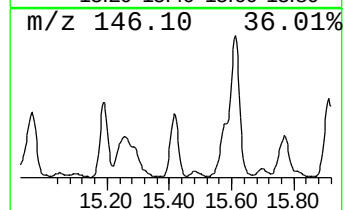
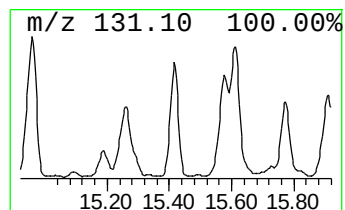
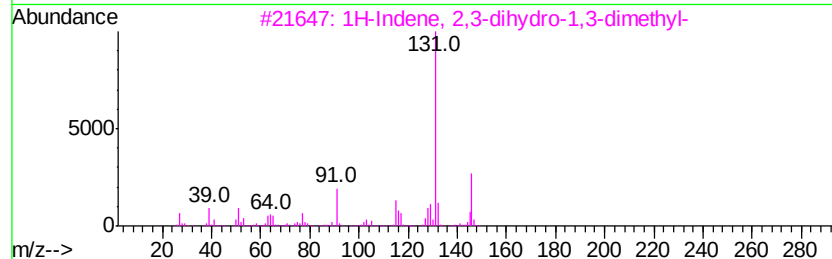
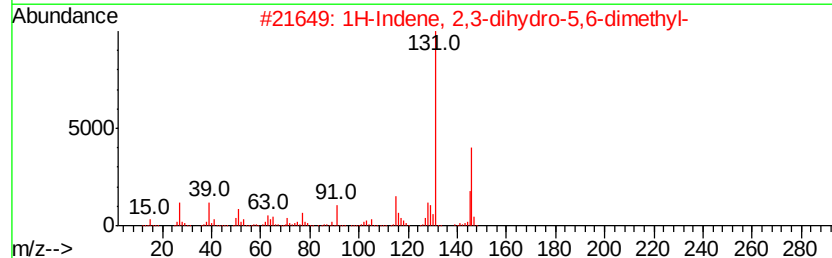
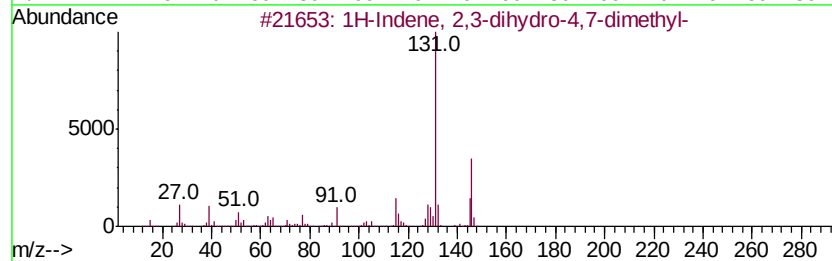
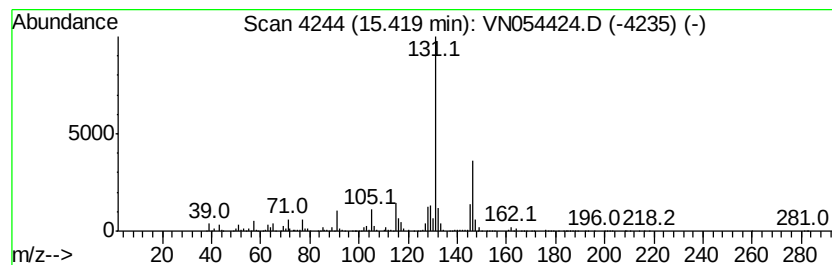
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Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	8.08 ug/l	975446	1,4-Dichlorobenzene-d4	13.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146 C11H14	001075-22-5	95
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146 C11H14	004175-53-5	94
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146 C11H14	017057-82-8	94
5	Benzene, 1-methyl-4-(1-methyl-2-...	146 C11H14	097664-18-1	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054424.D
Acq On : 19 Mar 2019 5:57
Operator : JC/SP
Sample : K1970-03 10X
Misc : 6.98g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 48 Sample Multiplier: 1

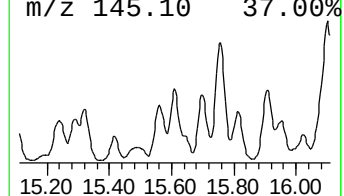
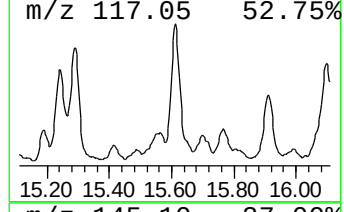
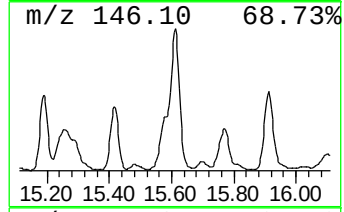
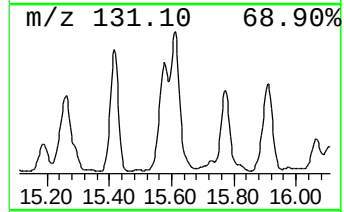
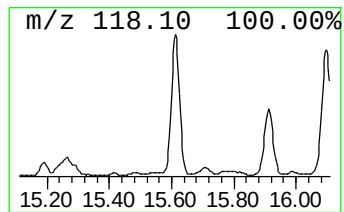
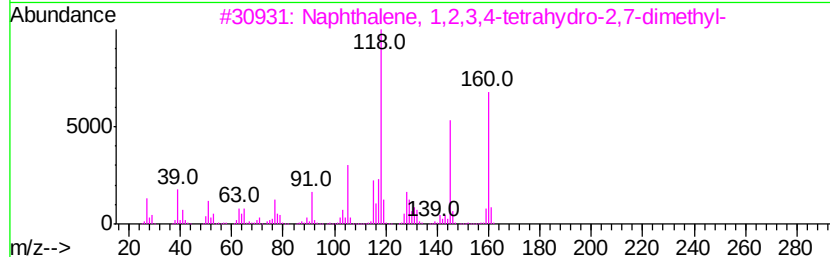
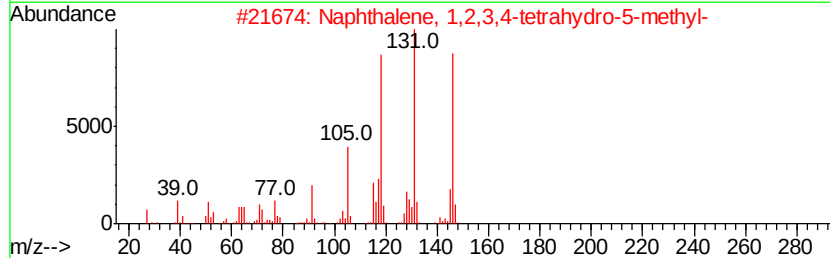
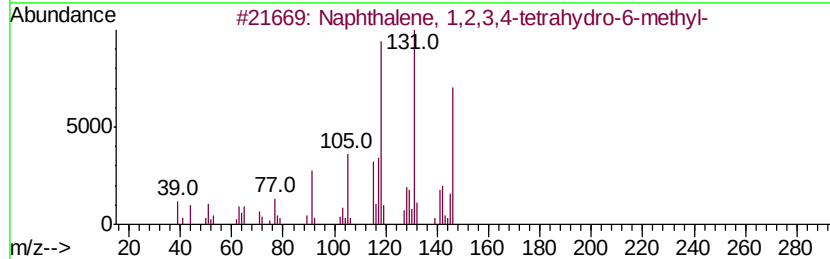
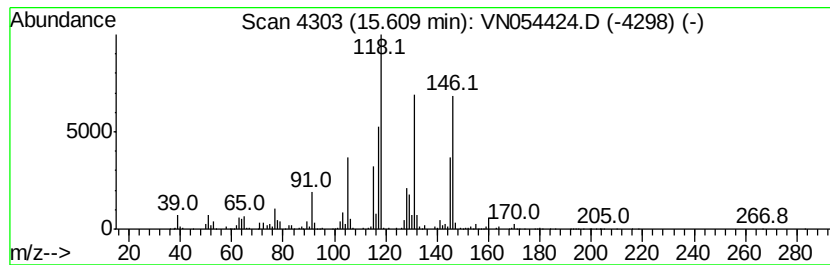
Instrument :
MSVOA_N
ClientSampleId :
P-3-E.WALL-N.CENTER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	14.12 ug/l	1704690	1,4-Dichlorobenzene-d4	13.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 70
2		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 64
3		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	013065-07-1 46
4		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146 C11H14	1000189-31-0 43
5		1H-1,3,2-Benzodiazaborole, 2-eth...	146 C8H11BN2	074663-81-3 43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054424.D
Acq On : 19 Mar 2019 5:57
Operator : JC/SP
Sample : K1970-03 10X
Misc : 6.98g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 48 Sample Multiplier: 1

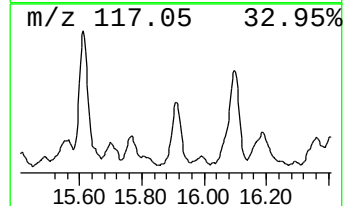
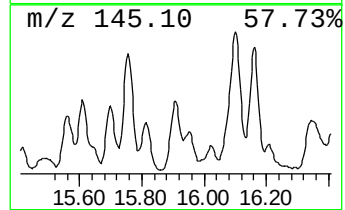
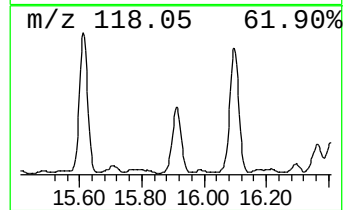
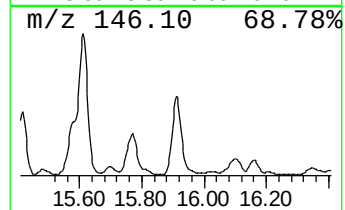
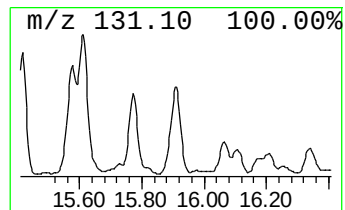
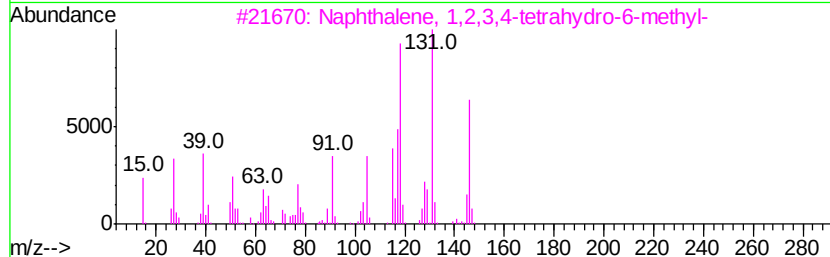
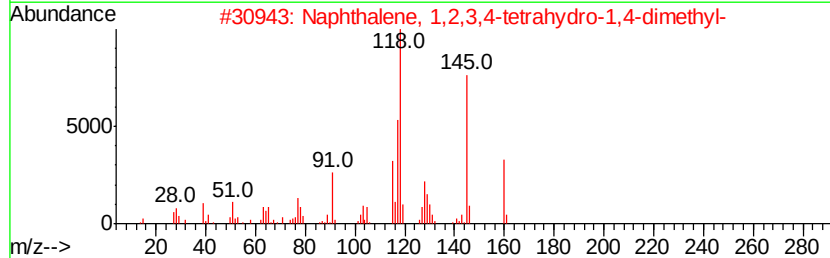
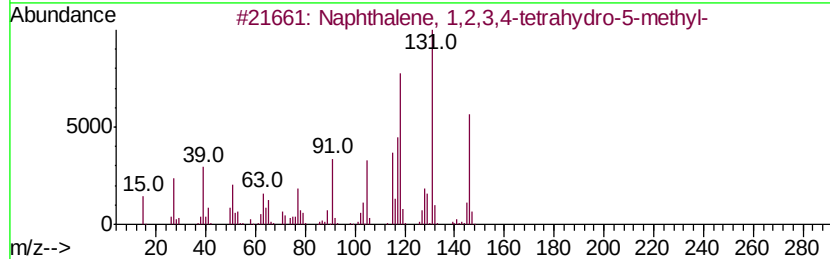
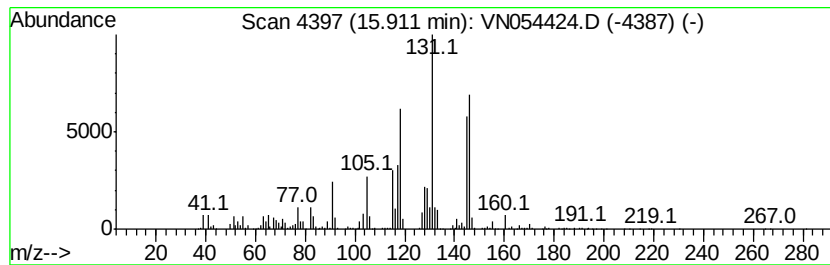
Instrument :
MSVOA_N
ClientSampleId :
P-3-E.WALL-N.CENTER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	10.93 ug/l	1319800	1,4-Dichlorobenzene-d4	13.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 90
2		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	004175-54-6 86
3		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 86
4		Benzene, 2-ethenyl-1,3,5-trimethyl-	146 C11H14	000769-25-5 78
5		1H-1,3,2-Benzodiazaborole, 2-eth...	146 C8H11BN2	074663-81-3 70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054424.D
Acq On : 19 Mar 2019 5:57
Operator : JC/SP
Sample : K1970-03 10X
Misc : 6.98g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 48 Sample Multiplier: 1

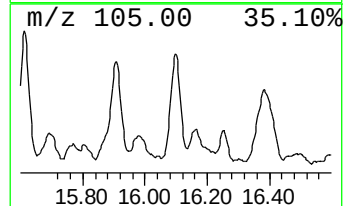
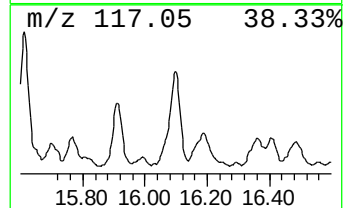
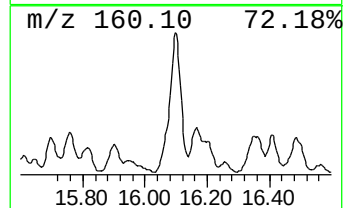
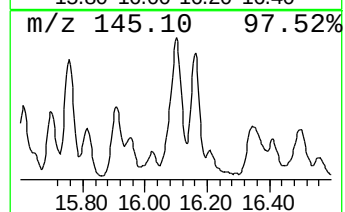
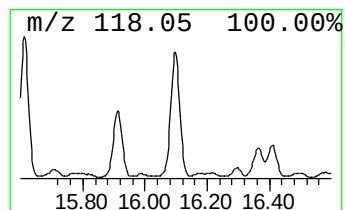
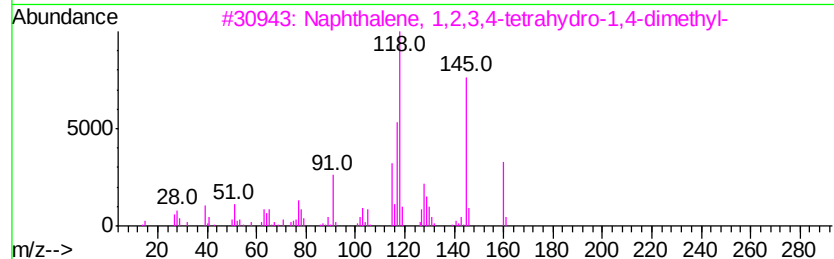
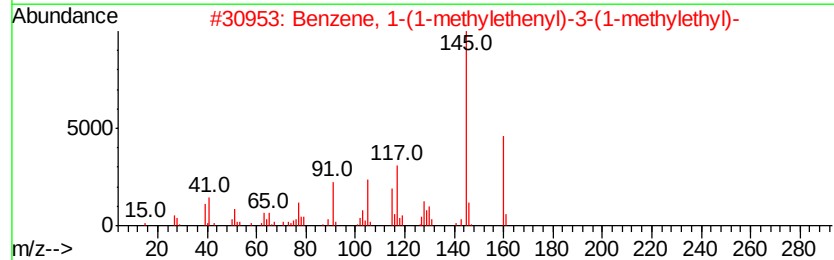
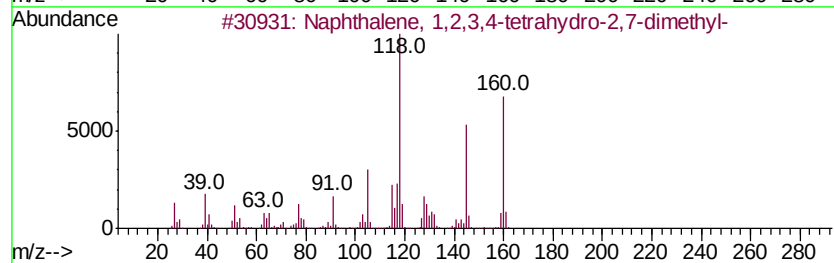
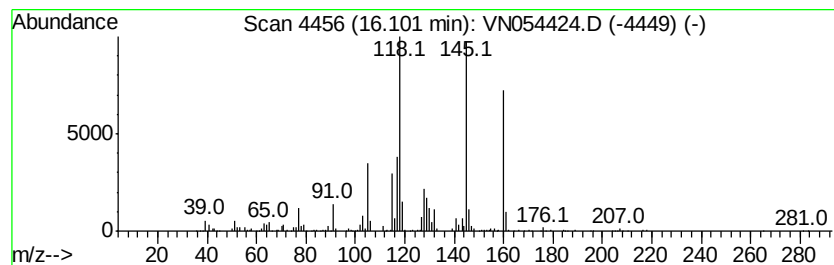
Instrument :
MSVOA_N
ClientSampleId :
P-3-E.WALL-N.CENTER

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	8.13 ug/l	981007	1,4-Dichlorobenzene-d4	13.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	013065-07-1 91
2		Benzene, 1-(1-methylethenyl)-3-(...	160 C12H16	001129-29-9 91
3		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	004175-54-6 90
4		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	025419-33-4 76
5		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	007524-63-2 62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031819\
Data File : VN054424.D
Acq On : 19 Mar 2019 5:57
Operator : JC/SP
Sample : K1970-03 10X
Misc : 6.98g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 48 Sample Multiplier: 1

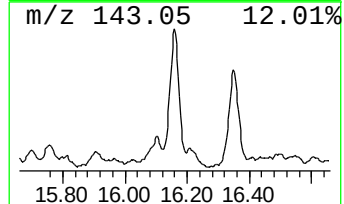
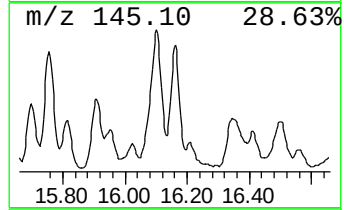
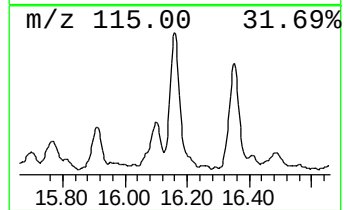
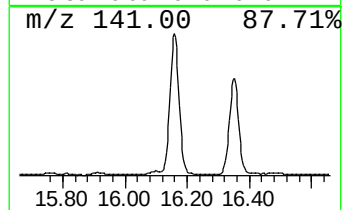
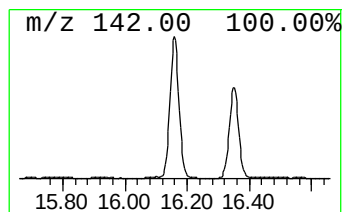
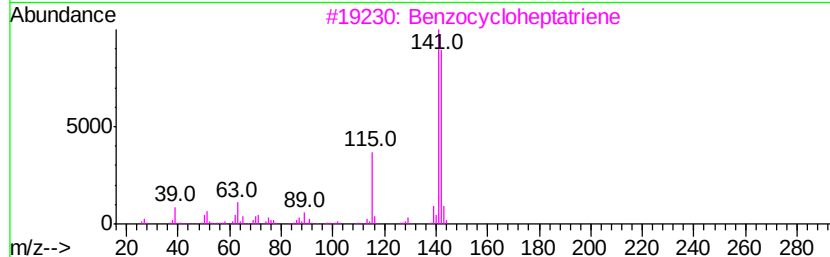
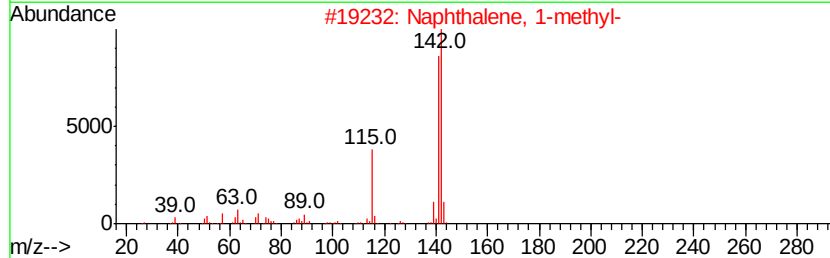
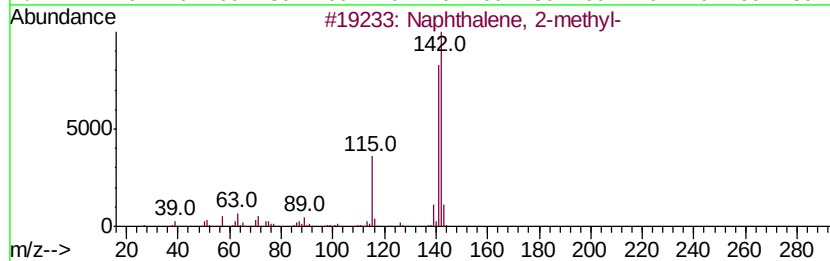
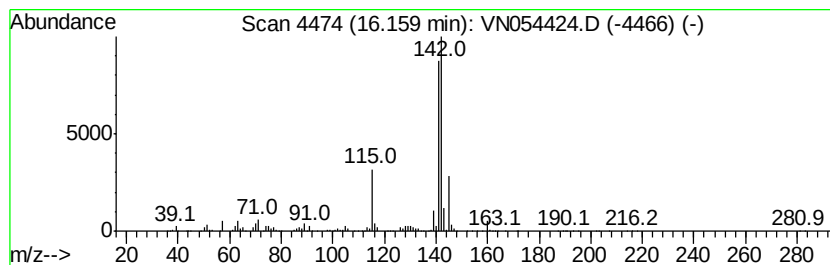
Instrument :
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ClientSampleId :
P-3-E.WALL-N.CENTER

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	25.62 ug/l	3093290	1,4-Dichlorobenzene-d4	13.34
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		Benzocycloheptatriene	142 C11H10	000264-09-5 87
4		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 87
5		1H-Indene, 1-ethylidene-	142 C11H10	002471-83-2 53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
 Data File : VN054424.D
 Acq On : 19 Mar 2019 5:57
 Operator : JC/SP
 Sample : K1970-03 10X
 Misc : 6.98g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P-3-E.WALL-N.CENTER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 2-ethyl-...	13.89	9.7	ug/l	1173980	4	13.34	6036140	50.0
1-Phenyl-1-butene	13.99	7.3	ug/l	886352	4	13.34	6036140	50.0
Benzene, 2-etheny...	14.59	24.0	ug/l	2900820	4	13.34	6036140	50.0
Benzene, 1-methyl...	14.64	12.5	ug/l	1509110	4	13.34	6036140	50.0
1H-Indene, 2,3-di...	15.42	8.1	ug/l	975446	4	13.34	6036140	50.0
Naphthalene, 1,2,...	15.61	14.1	ug/l	1704690	4	13.34	6036140	50.0
Naphthalene, 1,2,...	15.91	10.9	ug/l	1319800	4	13.34	6036140	50.0
Naphthalene, 1,2,...	16.10	8.1	ug/l	981007	4	13.34	6036140	50.0
Naphthalene, 1-me...	16.16	25.6	ug/l	3093290	4	13.34	6036140	50.0